

Feet	Box	Ream	Picture	Lithology	Recovery	Porosity	Fracturing	Alteration	Subsides
65.8		19		white-pink semicrystalline rhyolite	3.1	High-med	High-R	minor oxidation	N
69.5	6	20			3.1	High-med	med	minor oxidation	N
73.4		21			1.0	High	medium	none	N
74.9		22			0.4	High	Rubble	none	N
76.0	7	23		76.0 Gray perlitic biotite rhyolite	1.2	High	Rubble	none	N
79.0		24			3.6	medium	M-R	minor oxidation	N
84.0	X	25		84 white to gray flow-banded biotite rhyolite	1.3	medium	rubble	none	N
87.6		26			1.1		rubble	none	N
90.3	X	27			2.3	medium	med-rubble	minor oxidation	N
95.0	10	28			2.6	medium	M-R	minor oxidation	N
99.9	X	29		Black gray banded perlitic obsidian	2.7	low	low-rubble	none	N
105.0	X	30		107.0 Oxidized rhyolite-obsidian flow breccia	1.9	v. high	rubble	none	N
107.8		31		109.0	1.2	v. high	rubble	none	N
111.4	X	32		Black banded perlitic obsidian	1.7	high	rubble	none	N
114.2		33			1.9	high	rubble	none	N
118.6	13			118.6					

Feet	Down	Run	Picture	Lithology	Recovery ft	Porosity	Fracturing	Alteration	Sulfides
115.0									
118.6	↑	34		118.6 120.0 Mixed pumice, rhyolite-obsidian breccia and obsidian	0.7	med	rubble	minor oxidation	No
119.9		35			1.2	low	"	"	No
121.4		36			1.6	low	medium	"	No
125.2	X	37		Black flow-banded obsidian	1.3	low	high rubble	oxidation	No
126.6		38		130.0	2.3	low	high	"	No
131.4	X	39		Black to pink flow-banded pumiceous obsidian	2.9	medium	high	oxidation	No
137.0	X	40			4.6 (E-core)	low	high	oxidation	N
141.2	X	41			5.0	low	high	oxidation	N
146.3	X	42		147.0 Black to pink flow-banded obsidian with mottled devitrification and oxidation	4.3	medium	high	oxidation	N
151.3	X	43			4.9	low	high	oxidation	N
156.2	X	44		Black vitrophyre	4.2	low	v. high	oxidation	N
160.4	X	45		161.0 Black vitrophyre w/ large pink lithophysae	5.0	v. low	med-low	minor oxidation	N
165.4	X	46		165.0	3.6	low	med.	minor oxidation	N
169.0	↓			169.0					

Top	Box	Run	Picture	Lithology	Recovery ft.	Porosity	Fracturing	Alteration	Surface
165.0									
169.0				169.0					
	24	47		Black Vitrophyre w/ pink lithophysae smear -174.0	4.6	low	high	minor oxidation	N
173.6	X								
	25	48		Black Vitrophyre w/ pink lithophysal cavities -178.6	5.0	low	med	minor oxidation	N
178.6	X								
	26	49		Black Vitrophyre w/ 2 generations of lithophysae (smear and not smear)	5.0	med	med	oxidation	N
183.6	X								
	27	50			5.2	med-high	low	oxidation	N
183.6	X								
	28	51			4.7	med	low	oxidation	N
183.5	X								
	29	52		195 mixed glassy and oxidized biotite w/ 2 generations of lithophysae	4.9	med	low	oxidation	N
193	X								
	30	53			2.1 (E-core)	med	low	oxidation	N
201.5	↑								
	31	54			5.1	med	low	oxidation	N
206.5	X								
	32	55			4.8	med	med	oxidation	N
211.6	X								
	33	56		212.0 Banded Glassy w/ 2 generations of lithophysae	5.2	med	high-med	minor oxidation	N
216.8	X								
	34	57			4.8	med	med	minor oxidation	N
221.6	↓								

Feet	Box	Core	Picture	Lithology	Recovery	Porosity	Fracturing	Alteration	Surface
277.0	47	70		277.0 white to grey dehydrified flow banded rhyolite w/ multiple generations of lithophysae	5.0	Med	low	None	N
282.0	48	71			5.0	med low	low	none	N
287.0	49	72			2.8 (E-core)	med	high	none	N
289.5	50	73		some flow bands are reddish brown	5.0 (E-core)	med- high	med	minor oxidation	N
294.5	51	74			5.0	med- high	med	minor oxidation	N
299.6	52	75			5.1	med	med- high	minor oxidation	N
304.7	53	76		305.0 grey flow-banded vesicular dehydrified rhyolite w' minor lithophysae	5.0	high	low	minor oxid.	N
309.7	54	77			5.0	high	med	none	N
314.7	55	78		315 same as above but lithophysae gone	5.1	high	med	none	N
319.8	56	79		← 322 felsic granulite(?) xenolith	5.1	med	med	none	N
324.8	57	80			5.0	med	high	none	N
329.8				Notes: No Box "58" (Number mistakenly skipped)					

Feet	Core Run	Picture	Lithology	Recovery	Porosity	Fracturing	Attrition	Surfides
442.0	81 103		440 Obsidian flow-breccia variety lithic flow w/ mixed lithologies	5.0	None	low	None	N
447.0	82 104			4.9	"	none	"	N
452.0	83 105		455	5.0	"	low	"	N
457.0	84 106		obsidian flow-breccia	5.0	"	"	"	N
462.0	85 107			4.9	"	"	"	N
467.0	86 108			5.0	"	med	"	N
472.0	87 109			5.0	low	med	"	N
477.0	88 110			4.7	med	high	oxid	N
482.0	89 111		obsidian flow-breccia	5.0	low-med	high	oxid	N
487.0	90 112		486.0					
492.0	91 113		Tan crystal-lithic welded tuff	4.9	med	med	none	N
497.0			495.0	5.0	med-low	high- med	none	N


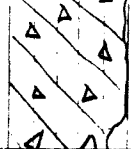
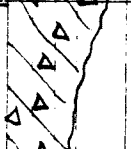
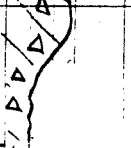
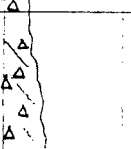
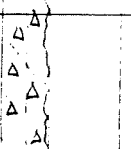
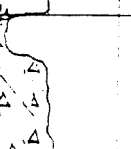
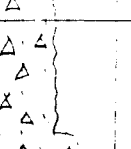
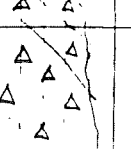
Feet	Box Run	Picture	Lithology	Recovery	Porosity	Fracturing	Attenuation	Subsidence
497.0	92 114		495.0 white weathered crystal-lithic welded tuff	5.0	high	rubble	weathered	N
502.0	93 115		504.0	4.5	high	rubble-high	"	N
506.8	94 116		504.0 white weathered crystal-lithic welded tuff	5.2	high	rubble-high	weathered	N
512.0	95 117		504.0 white weathered	5.0	high	high	"	N
517.0	96 118		517.0 weathered non-welded crystal-lithic tuff 519.0 weathered soil 521.0	5.0	v. high	rubble	weathered	N
522.0	97 119		reworked zone of nephelites and lithic fragments 525.0	5.0	high	rubble	weathered	N
527.0	98 120		Grey to black nephelite flow-top breccia w/ occasional exotic lithic fragments	4.9	med-high	med	weathered	N
532.0	99 121		535.0	10.0	low	high-rubble	none	N
539.0	100		Black sparsely porphyritic obsidian w/ alternating zones of flow-banded, peltitic, splintered obsidian	3.6	low-none	high-rubble	none	N
542.0	101 122							
545.7	102 123							
552.0				9.1				

LO	Core Rec	Picture	Lithology	Recovery	Porosity	Fracturing	Adhesion	subdes
552.0	↑	554.9	555.0					
557.4	X	103 124		2.4	low	high	none	n'
565.0	X	104 125	Black porphyritic obsidian flow-banded pelitic	10.2	none	high-rubble	none	n'
567.6	X	105						
573.0	X	106 126		10.0	low	high	none	n'
577.6	X	107						
587.6	X	108 127		9.9	low	high	none	n'
592.8	X	109 128		2.7	high	rubble	weathered	n'
590.5 (179.97 m)			590.5 (179.97 m) 590.7 Resonated lithic-rich U. Band Tuff	2.5	high	med	oxidation	n'
600.0	↓	110 130	Dull orange lithic-rich welded upper Bandwin Tuff; uppermost 5 ft. is baked.	8.9	high	med	oxidation	n'
602.0	↓	602.0						

11

590.5 (179.97 m)
590.7 Resonated lithic-rich U. Band Tuff

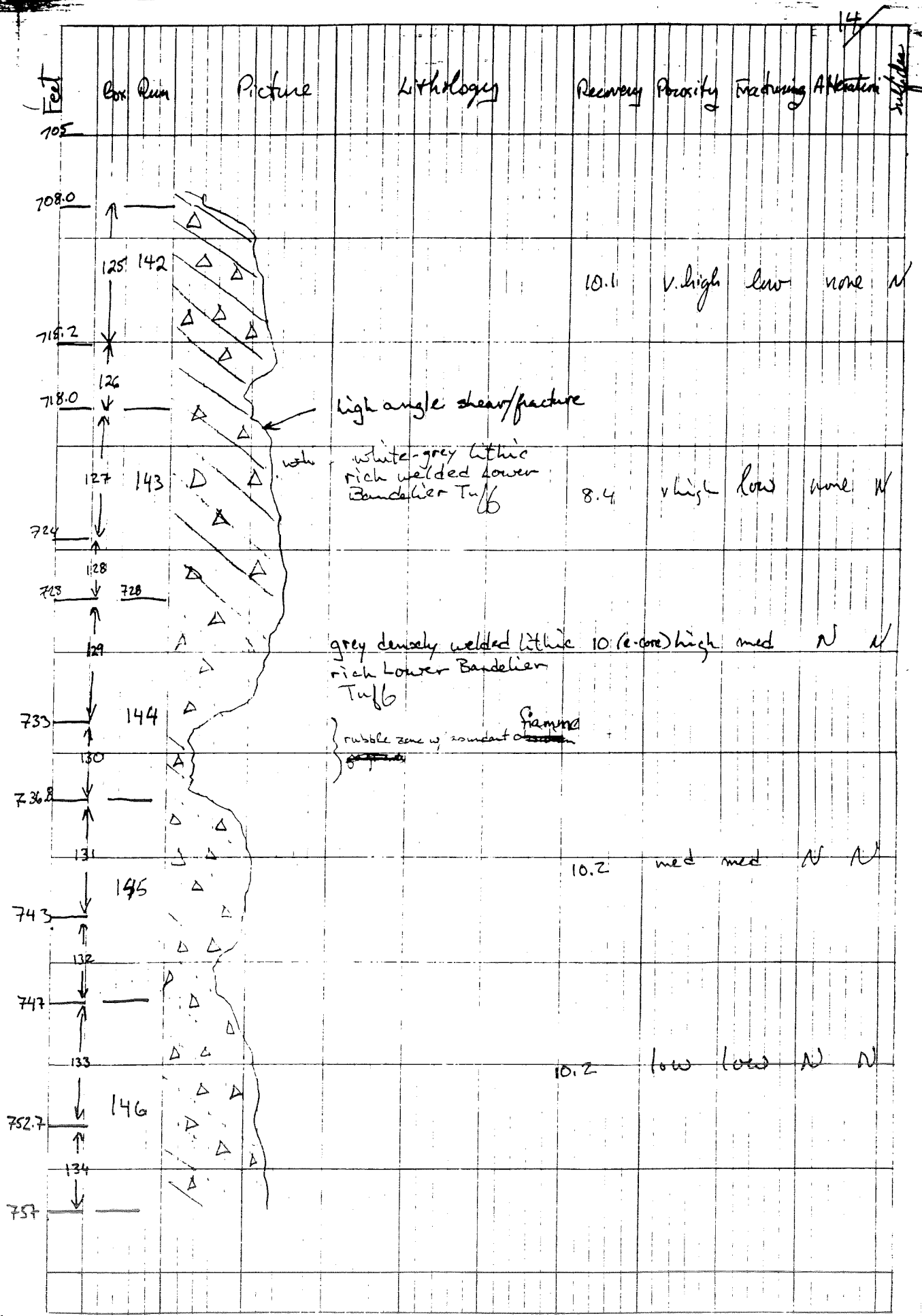
Dull orange lithic-rich
welded upper Bandwin
Tuff; uppermost 5 ft.
is baked.

Feet	Core Run	Picture	Lithology	Density	Porosity	Fracturing	Alteration	Subsides
600.0	602.0		White to pink lithic-rich welded Upper Bandelier Tuff					
608.0	111 131			8.4 (E-core)	high	low	none	N
610.3	112a 610.2							
617.2	112b 132			9.2	high	high-rubble	weathered	N
624.2	113 133			9.8	high	high	weathered	N
638.0	114 134			10.1 (E-core)	v. high	high-rubble	weathered?	N
646.6	115 135		Same as above	10.0	v. high	low	none	N
653	116 136			10.0	v. high	low	none	N
665	117							

Feet	Core Run	Picture	Lithology	Recovery	Porosity	Fracturing	Alteration	Subtotal
6850								
6604	117 136		White to pink lithic-rich welded Upper Bandelier Tuff	10.0	v. high	v. low	none	N
6680	118 137							
675.6	119 138		Grey lithic-rich ash and lapilli Tuff (Tsankau)	10.0	v. high	v. low	none	N
6832	120 139		Grey lithic-rich ash-flow tuff w/ possible lapilli tuff at base 9.5 ft - thick					
6924	121 140		White to pink lithic-rich welded lower Bandelier Tuff	10.0	v. high	low	none	N
699.0	122							
704.0	123 141							
708.0	124							

673
676

6825 (208.01)



	Blow Run	Picture	Lithology	Rock	Density	Fract	15/ AIF	Surf
752								
754	135		grey densely welded Lithic rich Low Banded Tuff	10	low	low	N	N
763	147							
767.0	136							
772.4	137		contains ^{large} dense glassy fracture fracture	10.0	v. low	low	None	N
777.0	138		large fracture Precambrian Lithic fragment at 777.0 ft.					
783.8	139			9.9	v. low	low- none	none	N
787.0	140							
792.7	141							
797.0	142			10.0	none	v. low	none	N
805	143							
	151			10.0	none	v. low	none	N
	144							
	907							

Depth	Core Interval	Picture	Lithology	Recovery	Porosity	Fracturing	Alteration	Subsides
805	144		grey densely welded Lower Gaudelin Tuff; less silica and more fiamme ^{me} ; calcite filled fracture @ 811.0 ft.	10.0	None	v. low	minor none silica on rare fractures	N
813.6	152							
821.7	145							
829.7	146			10.0	none	med	none	N
829.7	147			10.0	none	med-low	none	N
837.0	148							
845.7	148			10.0	none	med-low	none	N
845.7	149							
853.8	150			9.9	none	low	none	N
861.2	150							
861.2	157							

Feet	Box Run	Picture	Lithology	Recovery	Porosity	Fracturing	Alteration	Subsides
861.2	157		grey densely welded Lower Banded Tuff abundant fiamme; and more abundant lithics @ 860 ft; welding decreases at 860 ft.	10.0	None	med - low	none	N
868.6	152 158			10.0	low	med	none	N
875.7	153			9.7	med	med	none	N
884.2	154		890.					
892.4	160		grey welded stuff Lower Banded Tuff with lithic fragments and fiamme	9.9	med	med	none	N
900.4	155 161			9.9	med	med-high	none	N
908.3	156							
917	157 162			10.0	med	med-high	none	N

Core Run	Picture	Lithology	Recovery	Porosity	Fracturing	Alteration	Subsides
917.0							
158							
163							
924.6							
159							
927							
160							
164							
934							
160							
164							
934							
937							
161							
941							
165							
162							
947.9							
163							
166							
954.5							
164							
957							
167							
962.7							
165							
967							
969.9							

Grey densely welded
Lower Banded Tuff
below 920 ft.;
few lithics; abundant fragments.
-922 a piece of amber
is included within
welded Tuff

10.0 Low med-high none

934
~~934~~
Fault Zone
-937

9.7 med high some carbonate and silica

10.0 med med some carbonate and silica

957
Pinkish welded
lithic rich lower
Banded Tuff

10.0 med low none

ash/lapilli fall
-961
Reworked lithic
tuff
965

10.0 high low oxidized

grey-white lithic rich
welded pre-Banded tuff

Top	Box	Recon	Picture	Lithology	Recovery	Porosity	Fracturing	Alteration	Notes
964.9	165	168		grey-white lithic rich welded pre-Bandelier tuff; Zone of pumice leaching at 970 ft.	9.8	High	low	oxidized N	
977.9	166	169		dark brown soil w/ abnt andesite fragments	10.2	v. High	high	oxidized N	977.8 = 977.7 - 973
985.7	167	169		Pink/orange poorly sorted volcaniclastic conglomerate w/ pumice, tuffs, and rx fragments to boulder size; lithics predominantly andesite	9.6	v. high	high	oxidized N	
992.6	168	170		Tan clay					998 = 999
1000.8	169	171		grey-pale brown poorly sorted volcaniclastic conglomerate; extremely rich in clays; lithics to boulder-size are dominantly andesite and dacite	6.4	extremely high	high	oxidized N	6" thick grey lithic wacke at 1004
1007.3	170	172		grey-pale brown poorly sorted volcaniclastic conglomerate; extremely rich in clays; lithics to boulder-size are dominantly andesite and dacite	0.7	high	med.	oxidized N	
1014.7	171	174		grey-pale brown poorly sorted volcaniclastic conglomerate; extremely rich in clays; lithics to boulder-size are dominantly andesite and dacite	7.2 w/ EOR	extremely high	med	oxidized N	
1116.4	172	174		grey-pale brown poorly sorted volcaniclastic conglomerate; extremely rich in clays; lithics to boulder-size are dominantly andesite and dacite	4.4	extremely high	med	oxidized N	1116.4

§	Core ID	Picture	Lithology	Recovery	Porosity	Fracturing	Alteration	Notes
115.0	1016.9	▲ ▲	Gray - pale brown poorly sorted volcaniclastic	5.3	high	med	oxidation	✓
	173 175	▲ ▲						
	1022	▲ ▲	conglomerated with interbedded clay horizons; contains minor sandstone and shale fragments	9.6	high	med	minor oxid.	✓
	174 176	▲ ▲						
	1024.7	▲ ▲						
	1032	▲ ▲						
	175	▲ ▲		10.1	high	med?	minor oxid	✓
	1037	▲ ▲						
	176	▲ ▲	1042 Abundant slickensides and shear planes, possible fault zone	7.3	high	rubble	minor oxidation	✓
	1043.5	▲ ▲						
	178	▲		8.7	high	high	minor oxidation	
	177	▲						
	1051	▲		4.2	high	high	minor oxid	✓
	1052.5	▲						
	178 179	▲		7.5	high	high- rubble	minor oxid.	✓
	1060	▲						
	179	▲	1065 Gray - pale brown poorly sorted volcan clastic conglomerate w/ interbedded clay horizons; contains mostly nephelite-dacite fragments					
	1064.5	▲						
	1067.3	▲						
	181	▲						
	1072	▲ ▲						

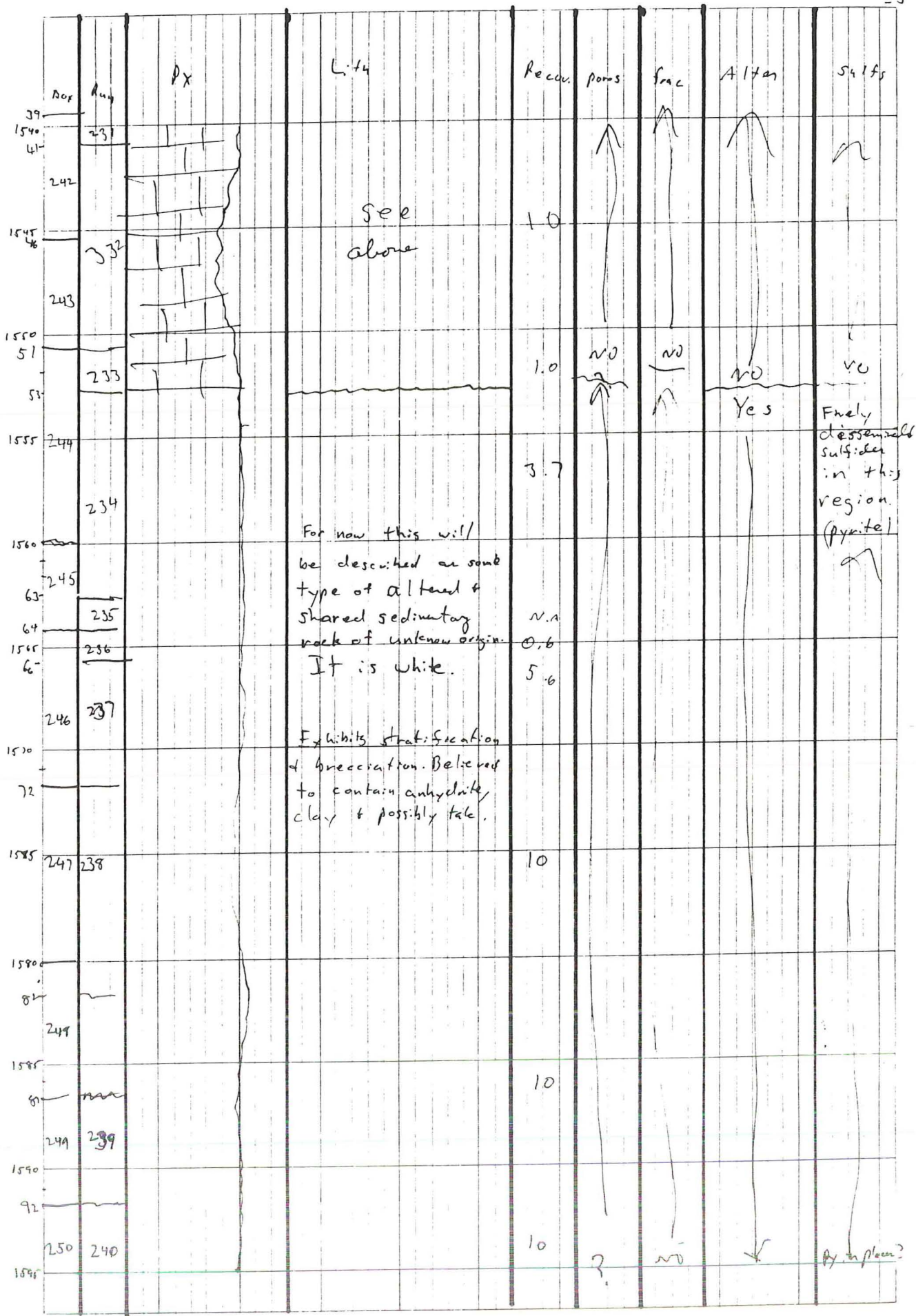
Core Run	Picture	Lithology	Recovery	Porosity	Fracturing	Alteration	Subsides
1065							
1067.3							
180	1072						
1074.5	182	grey-pale brown poorly sorted volcaniclastic conglomerate as above	9.8	high	low	oxidized	N
181							
1082							
182	183		9.4	high	high-rubble	oxidized	N
1091	1092						
183	184	1096 AbO. Fm. 1097 white sandstone 1099	7.6	high	high-rubble	oxidized	N
1102							
184	185	mostly brick red siltstone; sparse, tests fossils, from 1112 - 1120 ft.	10.0 (E-core)	high	high	none	N
1108	1109.6						
185			8.0	high	low	none	N
1115.7	186						
1119.9		AbO Fm.					

Depth	Run	Px	Lith	Pecc	Abas	frac	Alt	STAT
1375								
1350								
53								
89								
1385			Burrowed L.S. with a few fossil fragments					
50								
94	221		and stts stone mottled S hard, possibly					
1390								
91								
93	216		burrowed. Looks like ABO fm	9.9				
1395	222							
98			(Silty) L.S.A. with no fossils					
1400			and varying amount of clay. Changes in color from green-grey to reddish brown.	10.2				
1405	223	217						
56					NO	NO	NO	NO
67								
88								
1410	224		Brecciated L.S. with breccia filling cracks. Burrows in places		Minor pores	Yes		218-180mm 1yr/4
14								
1405	218			8.7				
19	225							
1420								
21								
1425	219		Burrowed L.S. with brachiopods. Some stylolitization or some clay. Also crinoids	n.A.				
26	226							
1430	220				NO	NO	NO	NO

Don	Run	Px	Lith	Recor	Poros	frac	alteration	suifs
1435			see above	10	↑	↑	↑	↑
1435	227	220			↑	↑	↑	↑
37					↑	↑	↑	↑
34					↑	↑	↑	↑
1440					↑	↑	↑	↑
228					↑	↑	↑	↑
1445	221		Silty L.S. w/ varying amount of clay. Gray to brown in color. Few burrows. No fossils visible.	9.7	↑	↑	↑	↑
48					↑	↑	↑	↑
44					↑	↑	↑	↑
1450					↑	↑	↑	↑
224					↑	↑	↑	↑
222				5.5	↑	↑	↑	↑
1455					↑	↑	↑	↑
330	223		crossbedded Sandstone with calcite cement	7.4	↑	↑	↑	↑
1460					↑	↑	↑	↑
62					↑	↑	↑	↑
1465					↑	↑	↑	↑
331	224			10	↑	↑	↑	↑
69					no	no	no	no
1470					↑	↑	↑	↑
72					↑	↑	↑	↑
232					↑	↑	↑	↑
1475					↑	↑	↑	↑
225			Brecciated L.S. with many calcite-filled veins. Cracks are filled w/ breccia. Piece 225-12 there is evidence of dissolution. Contains large crossbedded calcite xtbl.	9.9	↑	Calcite filled frac. Some filled w/ breccia	↑	↑
77					↑	↑	↑	↑
1480					↑	↑	↑	↑
233					↑	↑	↑	↑
55					↑	↑	↑	↑
233					↑	↑	↑	↑
224					↑	↑	↑	↑
1485					↑	↑	↑	↑

Piece 225-7 contain pyrite blebs

Water by throughout



Depth	Box	Run	Px	Lith	Revol	Ponds	freq	Alth	Suffs
92									
1595									
1600	250	240						yes	
1605					10				
1610	251								
1615									
1620	252								
1625									
1630	253								
1635	254	243			7.4				
1640									
1645	255	244			10				
1650									
1655	256	245			9.8				
1660								yes	dissam. py in places

Description on page 23

dissam. py in places

Box	Run	P: x	Lith	Recov	Poros	frac.	Alth	Selfs
49								
1650	247			..4	↗		↗	↗
51	246							
257								
1655	247			9.7	?	80	Yes	some dissem Py in place
56								
1660	258				↗	↗	↗	↗
61		D	Breccia, containing L.S. fragments.					
63								
1665							NO	
1667	259	249		10			Yes	
67			Alternat(?) L.S.					
69								
1670								
71								
72								
1675	260	249		9.8				
74								
1680								
52								
1685	261							
1695	250		finely crystallized gray L.S. in which Lesser carbonate as top part of unit is approach. Last 2' has v. little carbonate.	10				
77								
1690	262		Locally burrowed & laminated. Upper part has much stylolization					
1690								
92								
1695	251		BRECCIATED Origin unknown	9	Hi			
90								
1700	263		Same					
01								
03								
1705	264	257		10	NO	NO	NO	NO

	Pic	Lithology	Recovery	Porosity	Fracture	Alter	Shale
1705							
264	252	see above (Sheet 21)	10		↑	↑	↪
1710							
12							
1715	253	Dark gray L.S. and [clay(?)] stone. Burrowed in places. Different amounts of bioclastic fragments but always mud supported. One zone is laminated with no clastics or burrows.	9.4				
1720							
21							
22							
266							
1725	254		9.3				
28							
1730							
267							
32							
1735	255	Mud stone (clay? silica?) and silt stone. The silt stone is in places crinoid bedded.	10.2				
37							
1740							
268							
42							
1745	256		10				
269							
1750		Crinoid bedded Sand stone					no
5							9.1-10.5 piece 256-27 Dry make T.S.
55							↪
1755	257	Burrowed brecciated L.S.	10.1	mod. porous			
270							
1760							
61							

Laminated with burrows or clastics

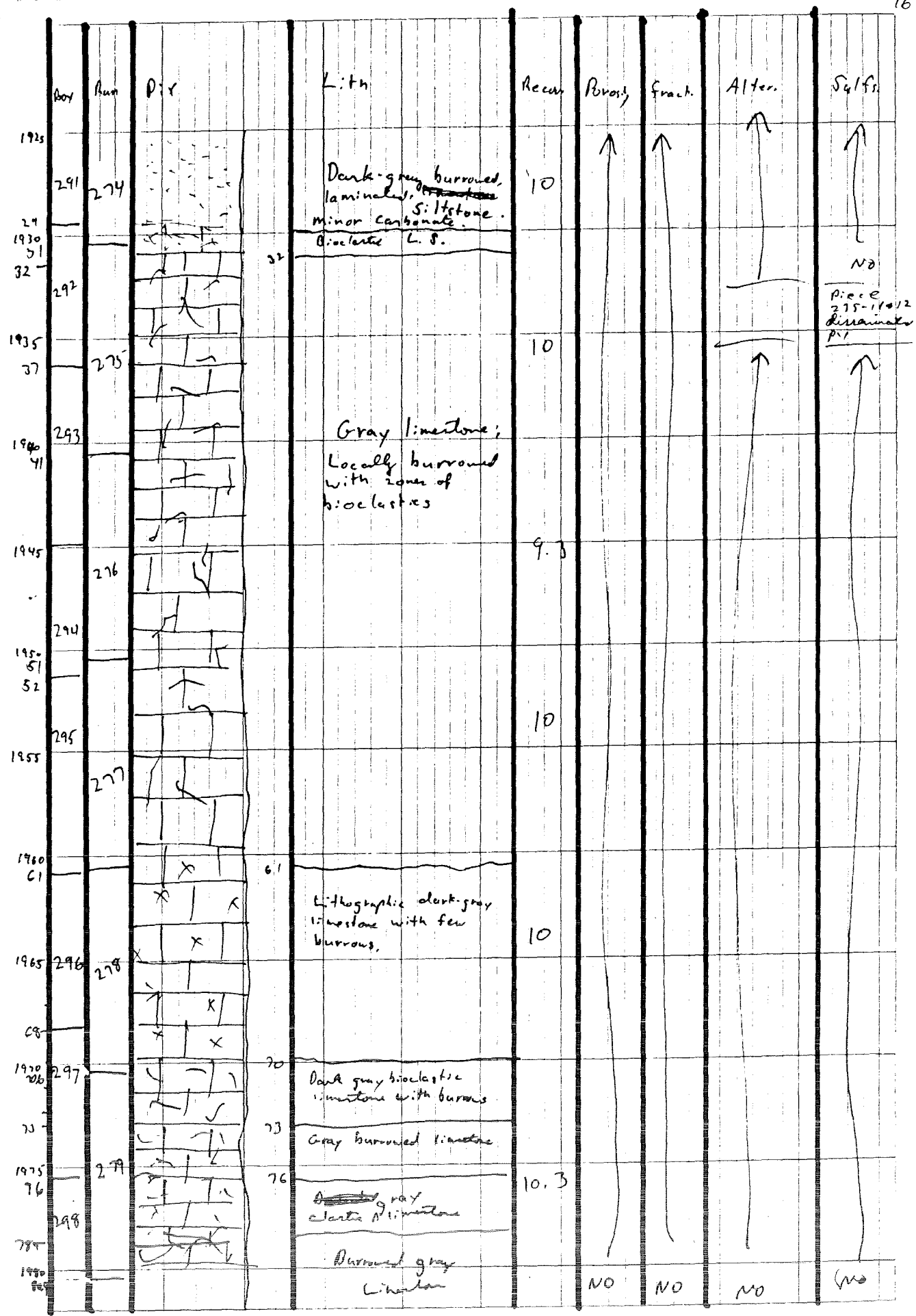
9.1-10.5
piece 256-27
Dry make T.S.

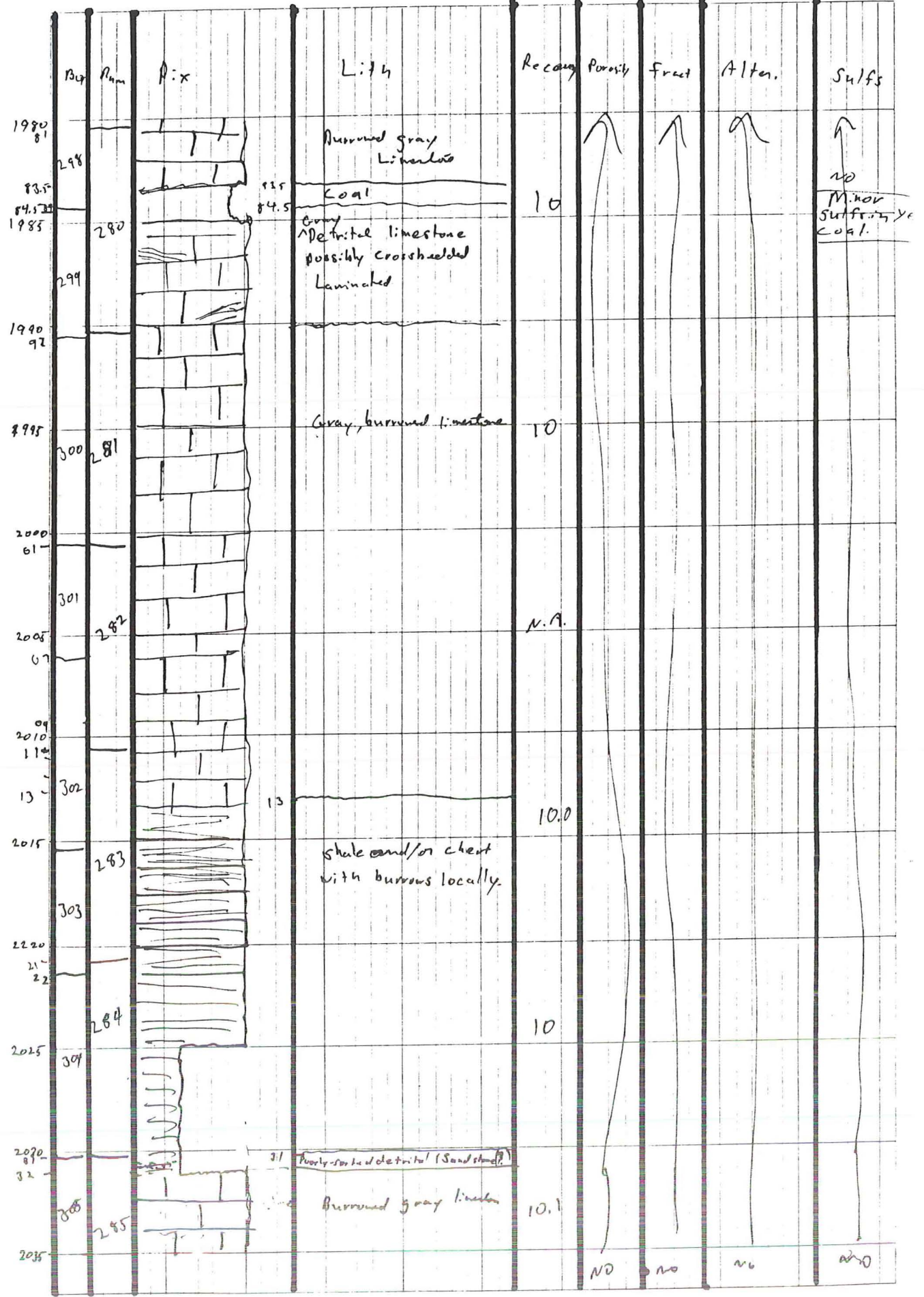
Top	Run	Pix	Lith	Recor	Poros.	fract.	Atten	S&FS
1760 61								
1765	258		Burrowed L.S. rich in non carbonate material. Burrows are mainly carbonate	10				
1770								
1775	272	259			10.2			
1780								
1785	260		Dark-gray lithographic L.S., burrowed near bottom.	10				
1790								
1795	261			10				
1800								
1805	276	262	Gray to dark-gray L.S. with some bioclastic material. In places the bioclastic are grain supported. Towards top of unit the amount of clastic decrease greatly greatly and rock becomes laminated and stylitizos. Interval 1803-1805 is a black clay (organic rich).	9.8				
1810								
1815	277	263		10	NO	NO	NO	NO

MU
 Piece 262-4
 has pyrite
 filled burrow(?)
 ↑

Age	Run	Px	Lith	Recov.	poros.	Fract.	Alter.	Sulf.
1815								
1790-277								
1800	263		Burrowed shaley L.S. (Burrows are calcite filled)					
1820								
21								
278								
24								
1823-26	264			10				
1830								
279								
31			Grey dark to light gray L.S. with bioclastic material (large fossils in places. Burrowed.			(P) Calcite veining		
33								
1835	265			NA				
280								
1840								
47								
1845	266			NA				
281			Grey siltstone. No Carbonate					
1850								
51								
282								
1855	267			9.7				
54			Detrital, burrowed, gray L.S.					
57								
1860								
44								
283								
285			Red siltstone with calcite veins					
1865	288			10.1				
287								
1870					NO	NO	NO	NO

Cor	Run	P: r	Lith	Recon	Porosity	Fract.	Alter	Sulfs.
1870								
71	284					↑	↑	↑
1873			Gray limestone.					
1875	269		M: non burrowed Re crystallized	10				
	285							
77								
1980								
81								
	270							
1885	286		Gray & reddish brown	10				
			shales with varying					
89			amount of carbonate					
1890			within burrowed veins.					
91								
	287							
1995				10				
96	271							
1899								
			Gray limestone/claystone		NO			
1900					Yes			
01	288		Burrowed L.S. with		minor			
			indication brecciation					
04			while soft. Also some					
1905			clastic material	10				
	06		locally.					
	272							
	289							
1910			Lithographic gray					
11			limestone with					
12			calcite-filled veins					
1915	290	273		10				
19								
1910								
21			Dark-gray burrowed					
	291	274	laminated siltstone	10				
			minor carbonate					
1925								
					NO	NO	NO	NO

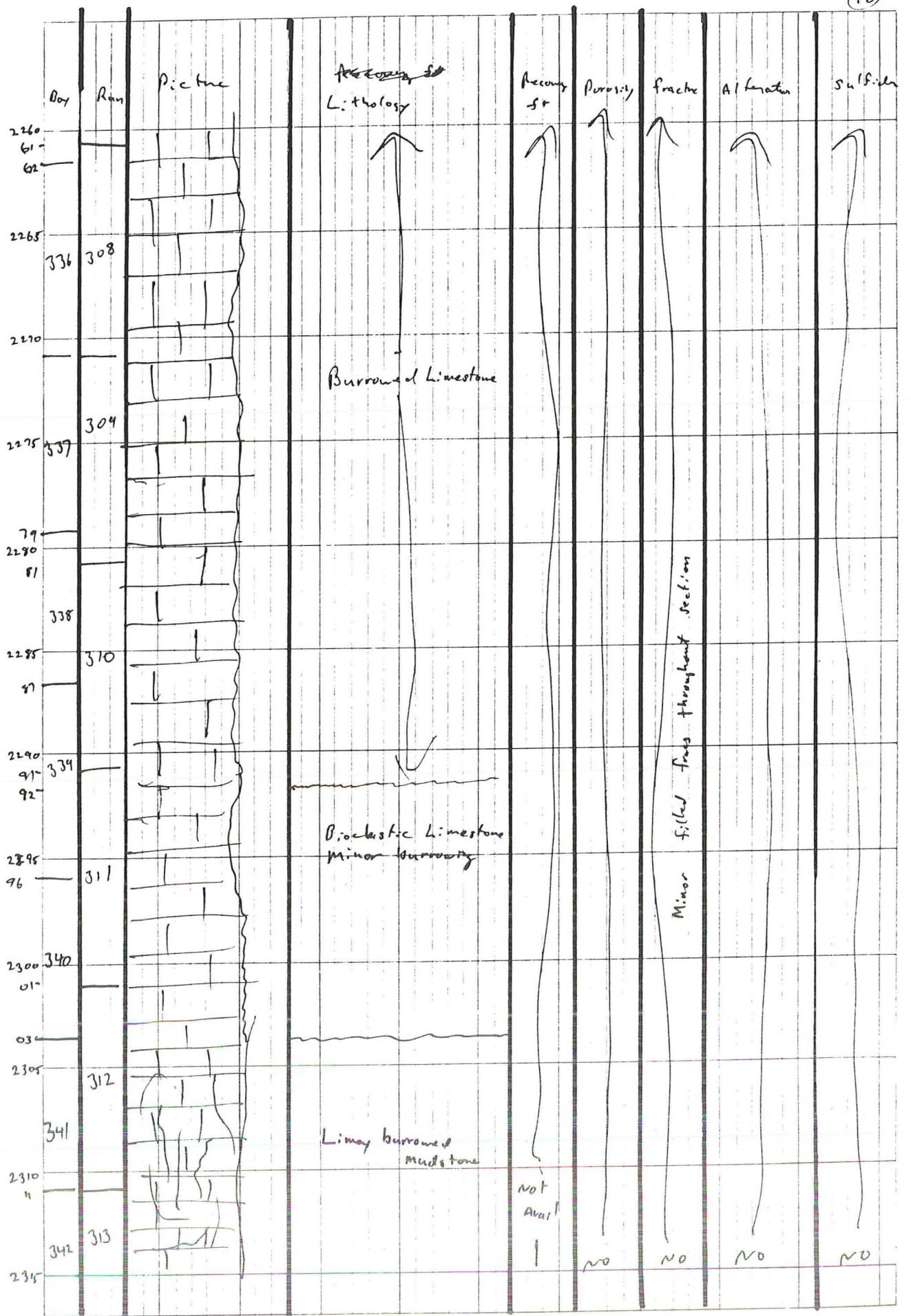


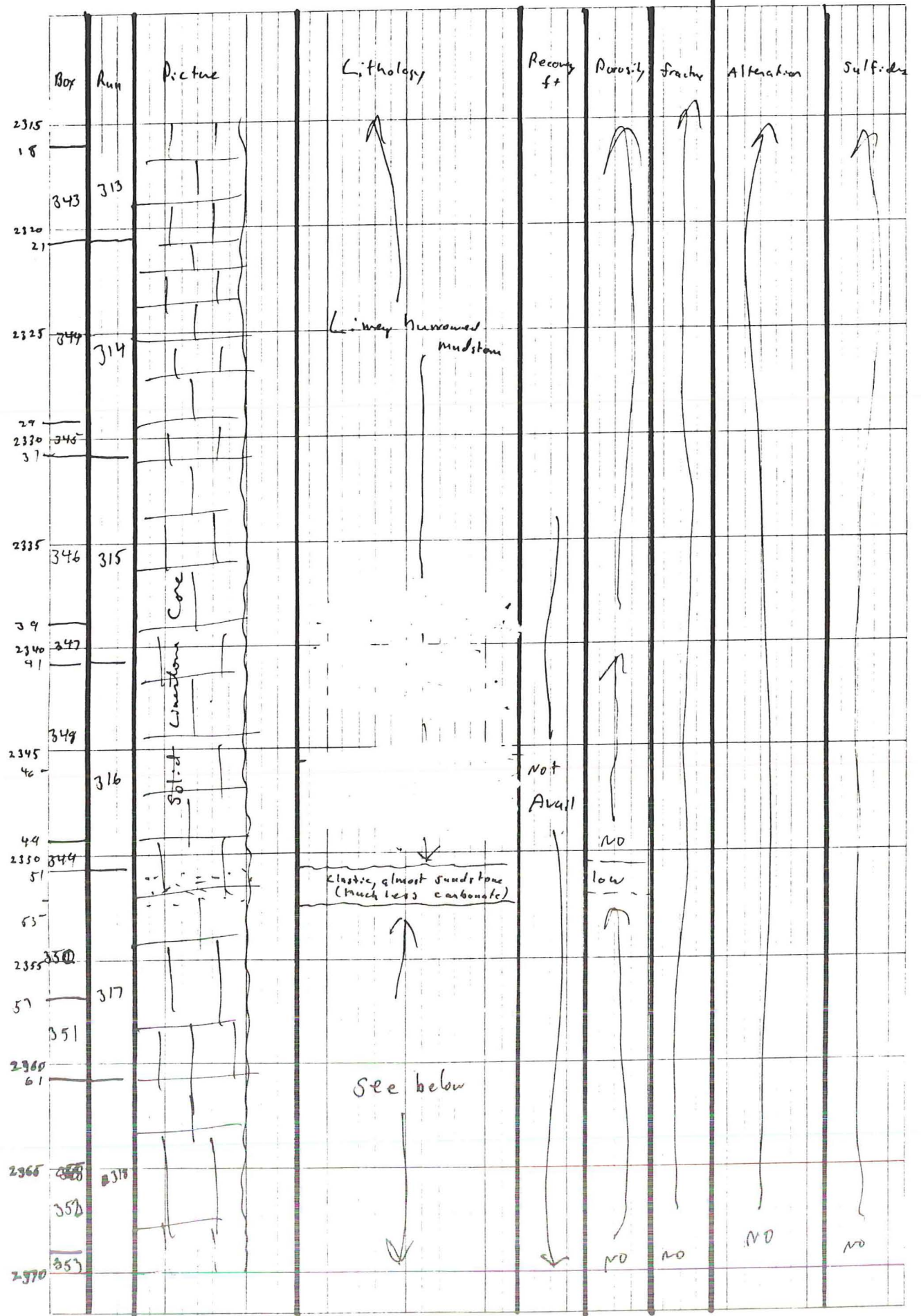


Bot	Run	Picture	Lithology	Recovery	Porosity	fracture	Alteration	Sulfides
2035			Brown burrowed limestone					
36-	285		Burrowed gray limestone					
39-			shale red/gray					
2040		2041						
2045	286			10	~	~		NO
2050								pyrite
2055	287		Burrowed red/or stylolite L.S. with zones rich in non carbonate material. (darker)	10	~	~		
2060								
2065	288			10	~	~		NO
2070								
2075	289							
2080								
2085	290		Burrowed L.S. with stylolites and non carbonate material in places.	10	~	~		
2090								
2094		2087	Burrowed gray L.S. with bioclastic fragments (in places in a foam spongy texture).					

Box	Run	Microphotography Pictures	Lithology	Recovery	Graininess	Fracture	Alteration	Sulfides
			2094					
2095	291			10	~	~		
2100								
2105	292		Lithographic dark gray L.S. very few burrows	10	~	~		
2110			Two generations of calcite filled					
2115	293		Two generations of calcite filled vanners. one parallel to bedding and one near vertical (the later one).	10	~	~		
2120			2119 non carbonate burrowed mudstone. Only burrows are calcite					
2125			2122 near the contact L.S. is becomes darker gray					
2130	294			10	non	~		
2135			L.S. with stylolites and burrows					No
2140	295			9.9	non	~		
2145	296		From here the host rock is L.S. and calcite is dominant	10	non	~		
2150			The burrows are calcite but the mud is mainly non carbonate material silica?? clay??					

Box	Run	Picture	Lithology	Recovery	Porosity	fracture	Alteration	Sulfides
2155	297		light gray clay(?) limestone with barren Contains amount of a non-carbonate mineral	10				
2160			2162.5					
2165	298		No carbonate, Gray chert? claystone? (soft) (x-ray)	10				
			2166					
2170								
2175	299			10				
2180								
2185	300			10				No
2190			Gray L.S. with barren and stylolites (similar to the one below 2203.		No			
2195	301			9.9				
2200			2198 Gray siltstone? clay? chert? Anhydrite? No carbonate			very low		
			2201 Dark gray L.S. with detrital fragments.					
			2203					
2205	302			10				
2210			Cont. L.S.		No			No





Limey hummed mudstone

Elastic almost sandstone (much less carbonate)

See below

Not Avail

NO

low

NO

NO

NO

NO

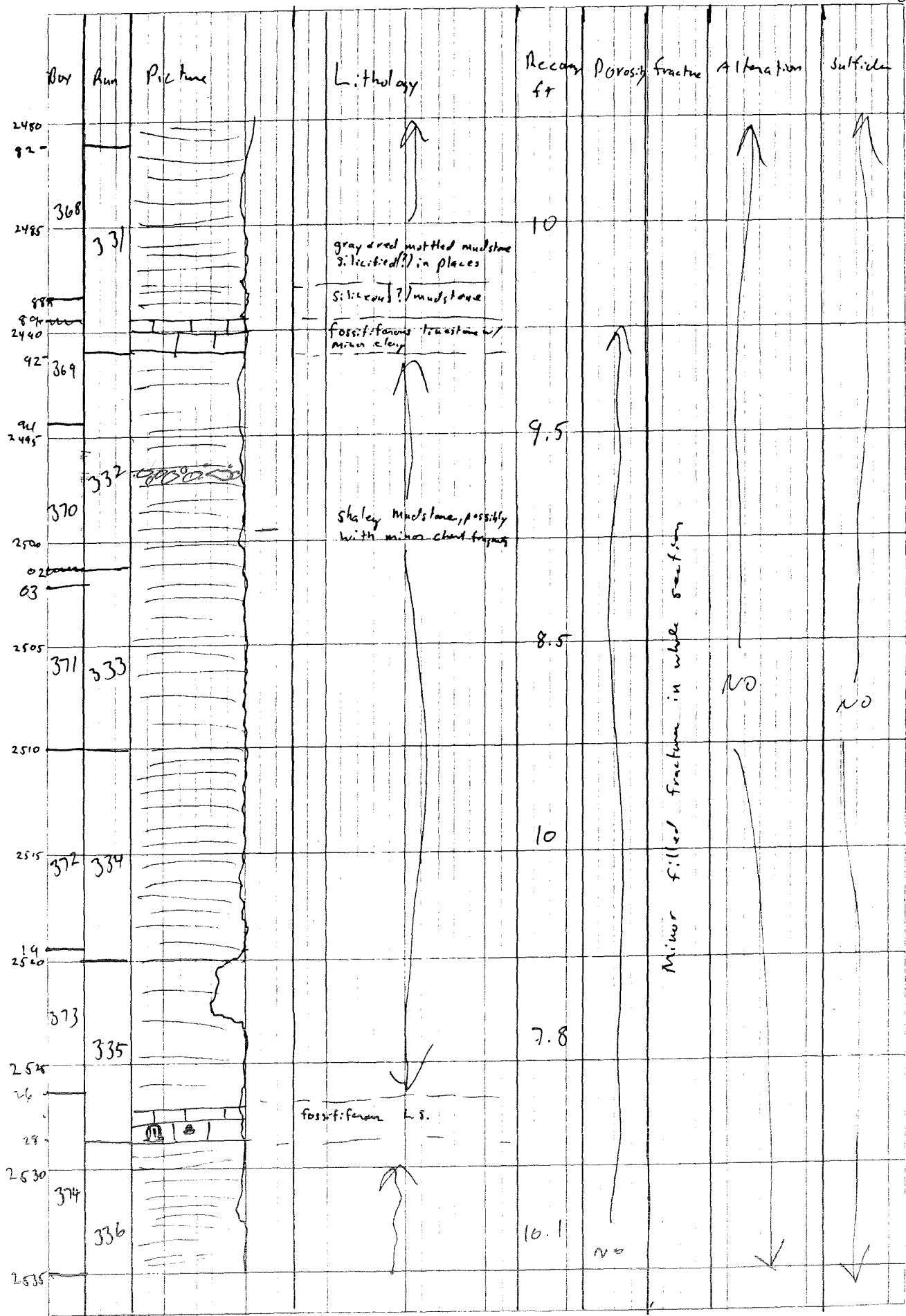
NO

Core

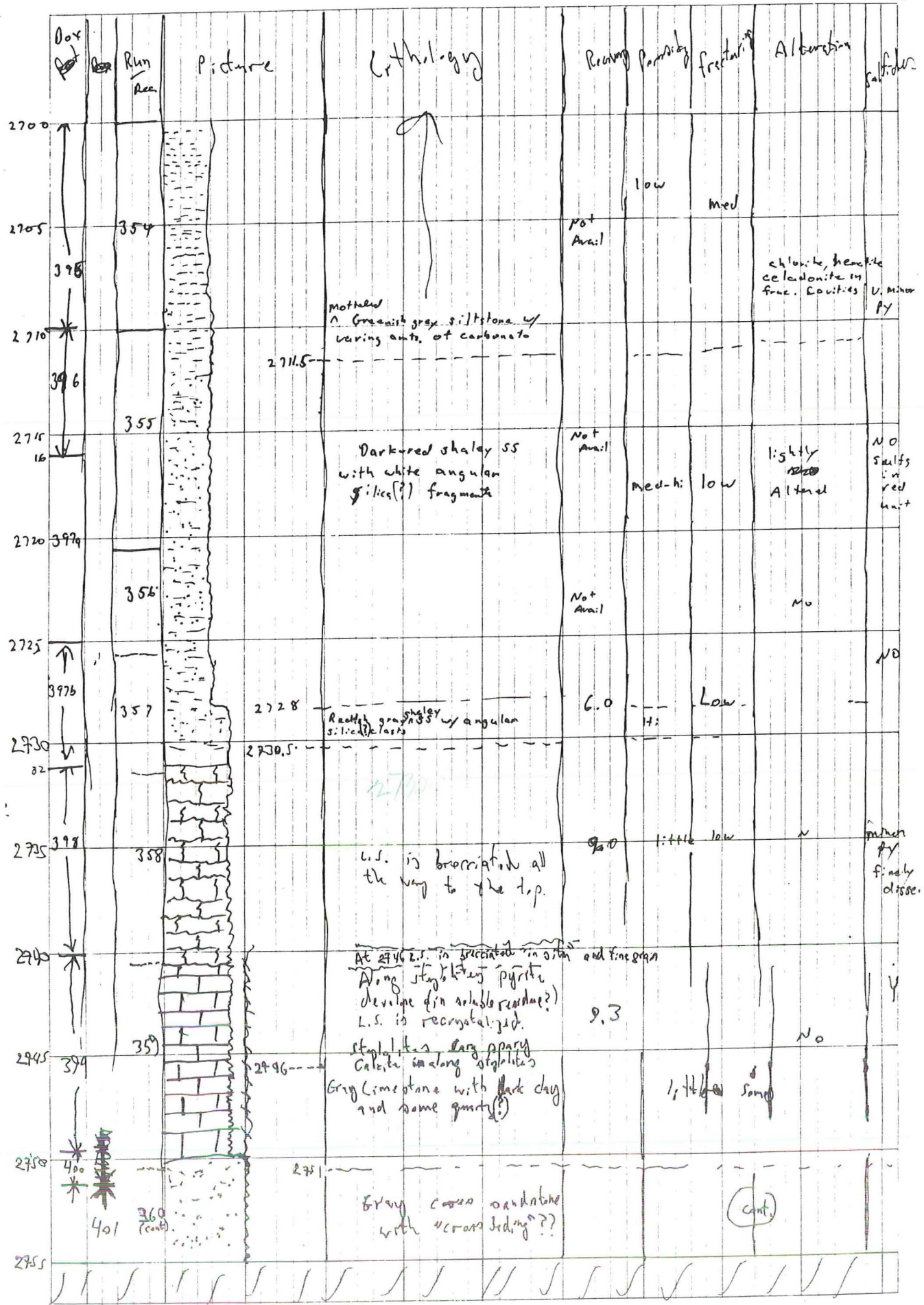
Condition

Solid

Box	Run	Picture	Lithology	Recrys st	Porosity	fracture	Alteration	Sulfides
2370 71	353							
2375	354							
79 2380 81								
	355							
2385	353 320			N.A.				
	356							
2390 91								
	357							
2395	321							
			Gray bioclastic burrowed Limestone					
99 2400 01			Minor stylolites 0.8/1.5/5.0					
	358		Alternates with gray laminated limestone	N.A.				
2405 06	322							
	359							
2410								
14 2415	323			N.A.				
17	360		claystone(?)					
2420 21 22								
	361			N.A.	NO	NO	NO	NO
2425	324		Limestone					



Minor filled fracture in whole section



2751-
2761

Feet	B.H.	Run	Picture	Lithology	Recovery %	Porosity	Fracturing	All	Subfractures
2985	401	360		Gray coarse sandstone	9.5	high little	medium	no	no
2965	402	361		the origin of the border is typical.	10				
2970	403	362		large pieces of breccia seem to be in place separated by veins					
2980	404	363		Brecciated with green sandstone and some calcite (secondary)		medium	minor	yes	Y
2790	405	364	85216	Poorly sorted dark gray sandstone with angular fragments of mica and lithology. Rock cut by thin veins Brecciated and sheared shale		little	minor		Y
2795	406	365		sheared and/or brecciated shale (mainly brecciated)		none	high		Y
28000	407	366		sheared and/or brecciated shale with some calcite		none	high		Y
2809.0		367							

Note: some are in this island