

No.	Int	Colour H ₂ O	Colour sample	Texture	S ⁴	S.O ₂	other	NAME? & observations	
987 LINECUTTING 825232	73-27	5-10	LB	GB	f-c NU	0	f wh		Sil And
		10-15	LB				Ab. wh		SIL
		15-20	TAN	LB		> 1/8	mod wh	py in wh qtz.	V Sil And
		20-25	TAN	GB	f-c U	0	f wh		mod Sil - And
		25-30	g	g	f-m U	> 1/4	Ab gy		some S.O ₂ fsts SIL
		30-35	lg	g	MNU.				mod rock fsts.
		35-40	lg	sp(B) G	m. NU	0	Ab gy		SIL
		40-45	lg	lg	f-m U	0	Ab gy		SIL
73-27	45-50	milky	G	fm U	0	Ab gy		SIL	
+	73-28	5-10	dark d.B	d B	c NU	f gy wh	none		ab. ggy And fsts
		10-15	dark d.B	d B	f U	f wh s.o ₂	none		occ. fsts (clast)
		15-20	G	G	f U	f gy	< 1/16		No big S.O ₂ fsts.
		20-25	LB	LB	m NU	ab gy	< 1/8		big S.O ₂ fsts, mod-ab
		25-30	TAN	LB	f m NU	mod. wh	none	sil slale	no big S.O ₂ fsts.
		35-40	LB	LB	m-c NU	ab. f. gy	< 1/2		few big S.O ₂
		40-45	LG	G	m U	ab. f. gy	< 1/8		" " " fsts
		45-50	LG	G	m U	ab. f. gy	< 1/2	some very v. fine gy?	few rock S.O ₂ fsts
		50-55	LG	G	f U	f gy	< 1/8		few coarse rock fsts.
		55-60	milky	G	m U	mod. g. gy	< 1/8		occ. rb fsts.
		60-65	LG	G	f m U	gy ch	< 1/2		no b. S.O ₂ fsts.
		65-70	LG	G	f m U	f gy ch	none		" " "
		70-75	LG	G	m U	mod gy	< 1/4		v. few S.O ₂ fsts
		75-80	LG	G	f U	ab. gy ch	< 1.		occ. big w. S.O ₂ xala.
		80-85	lg	G	f U	ab gy ch	< 1	v. fine py and gy S.O ₂	occ. big fsts of chert
		85-90	LG	G	f U	gy ch	< 1/4		No big S.O ₂ fsts
		90-95	lg	G	f U	f gy ch	< 1/4	v. fine py and gy ch S.O ₂	some S.O ₂ fsts
	95-100	lg	G	f U	f gy ch	< 1/8	py and gy ch S.O ₂	sp. S.O ₂ fsts.	
	30-35	LB	LB	enu	ab w	none	sil fsts		
73-23	10-15	d B	d B	v f U				only fine no rock AND	
	15-20	MB	LB		> 1/8	mod wh		V SIL AND	
	20-25		LB		> 1/8	mod gy mod wh		SIL AND	
	25-30		B			mod gy		AND	
	30-35	TAN	LB		0	Ab wh f gy		SIL	
	35-40		LG	f-m U	1/4	Ab gy wh		SIL AND	
	40-45	milky	G	f U		Ab gy		few coarse rock fsts. SIL AND	
	45-50	milky	G	f U	> 1/8	Ab gy		SIL AND	
73-19	0-5	B	B	f-c NU	0	ab gy	some quartzite in field	SIL AND	
	5-10	LB	B	f-c NU	0	ab gy	some quartzite stands	SIL AND ab rock fsts	
	10-15	LB	B	m-c NU	0	ab gy	some quartzite stands	V-SIL AND	
	15-20	LB	LB	m-c NU	< 1/32	ab gy fsts	S.O ₂ AND		

No.	Interval	Column H ₂ O	Column sample	Texture	S ¹¹	S ₂ O ₂	Other	Observations
73-19	20-25	lg G	G	fm NU	0	M w/g	—	small fpts (5%); b specks
+	25-30	lg	G	m-c NU	< 1/32	m lg	gallite w/ston	SIL AND
+	30-35	lg	G	f-c NU	< 1/8	M w/g	—	SIL AND ab. fpts rock
+	35-40	lg	G	(v.f.u) 1/4		w-m g y w/h	—	SIL AND
+	40-45	lg	G	m-c V	0	f lg	—	AND
+	45-50	milky	G	f-c U	0	m lg	—	SIL AND occ. rock fpts.
73-8	0-5	vLB	B	c NU	0	v.f. g	—	AND Many ab fpts.
+	5-10	TAN	LB	c NU	0	mod g w/h	—	SIL AND
+	10-15	bG	lg	m-c NU	none	M g g y	—	SIL AND
+	15-20	G	G	f U	< 1/8	ab g g y	—	SIL AND
+	20-25	G	lg	v.f. U	< 1/2	mod g y	—	v.SIL AND some bks specks
+	25-30	dG	vlg	v.f. U	0	v.f. w/h	—	v.SIL AND
+	30-35	G	G	m U	0	M w/h, w/g	—	SIL AND
+	35-40	milky	G	f U	0	mod g w/h	—	SIL AND No fpts.
+	40-45	G	G	v.f. U	< 1/16	mod w/h	—	v.SIL AND
+	45-50	MILKY	G	f U	0	v.f. g w/h	—	AND occ. S ₂ O ₂ fpts (small)
73-12	0-5	B	dB	f-c NU	0	Ab w/h	—	SIL
	5-10	B	lg	f-c		f w/h	—	SIL AND
	10-15	LB	lg	fm U	0	Ab w/h	—	SIL
-	15-20	LB		fm U	0	f w/h mod g y	—	SIL AND
-	20-25	LB		f-c	0	Ab w/h f g y	—	SIL AND
	25-30	TAN	LB	f-c U	0	Ab w/h f g y	—	" "
	30-35	LB	LB	m-c NU	0	Ab w/h	—	Mod S ₂ O ₂ fragments - SIL
	35-40	vLB	vLB	m-c NU	0	85+ rich Ab w/h rich	—	granite look, ab. S ₂ O ₂ salt-pepper
	40-45	vLB	vLB	m-c NU	0	85+	—	granite look; ab. S ₂ O ₂ SIL - good
	45-50	TAN	LB			Ab w/h	—	to look, ab. S ₂ O ₂ SIL, good
73-20	5-10	B	gB	m-c NU	0	Ab g y f w/h	—	Many ab fpts And-sil
-	10-15	dB	dB		0	f w/h f g y	—	Many fines And
	15-20	B	bG	fm U	0	Ab w/h f g y	—	Many fines SIL AND
	20-25	lg	G	fm U	30	Ab w/h f g y	—	SIL
	25-30	G	G	f U	> 1/8	Ab w/h f g y	—	Many fines SIL
✓	30-35	G	G	f U	0	Ab w/h f g y	—	many fines SIL
✓	35-40	ldB	gB	f-c NU	0	Ab w/h f g y	—	few rock fpts SIL AND
+	40-45	LB	LB	f-c NU	0	Ab w/h f g y	—	Mod. Rock fpts. SIL
+	45-50	g	G	f-c U	< 1/4	f w/h Ab g y	—	occ. rock fpts. SIL

No.	Int	H ₂ O colour	Sample colour	Texture	S ^u	S ₀₂	Other	Obsv.
73-14	5-10	B	B	fu	0	vt gy		
	10-15	G	G	f U	-	mod gy Abwh		
	15-20	G	G		1/8	Ab gy, wh	↑	
	20-25	G	G	f-m U	0	fy. Abwh		
+	25-30	G	G		0	mod gy. wh		
+	30-35	G	G	vof U				
	35-40	B	B	v f U	1/4-1/2	Abgy. fwh		
	40-45	G	G	tu	1/4	Abgy. wh		
73-14	45-50	milky	G	vv. f U	1/8	Ab wh		good

73-20
~~5-10~~
~~10-15~~
~~15-20~~
~~20-25~~

73-13	0-5							
	5-10		B	f m	0	mod wh		SIL AND
	10-15		B	f-m	0	mod wh		SIL AND
	15-20		l B	f-m U	> 1/8	mod wh f gy		SIL AND
	20-25		l B	f-m U	> 1/8	mod wh f gy		SIL AND
-	25-30		l B	f-m d	0	Ab wh		V SIL AND
	30-35		B	f-m d	0	f wh		SIL AND
	35-40		G	f-m	> 1/8	f wh f gy		And
	40-45		G.	f-m U	0	f wh		AND.
	45-50		G	f-m U	1/8	f sy		AND
	50-55		G	f-m	0	f wh		And
	55-60		G.	f-m	0	mod wh		AND
	60-65		G	m U	0	mod gy		AND
	65-70		G	f-m	> 1/8	mod wh		AND
	70-75		G	f-m	0	f wh		And
-	75-80		G	f-m U	0	f gy f wh		And
	80-85		G	f-m d	1/8	mod wh f sy		SIL AND
	85-90		G	f-m U	1/8	Ab gy f wh		SIL And.
	90-95		G	f-m U	0	-		And
	95-100		G	f-m U	0	mod wh		And

		H ₂ O	Colour	TEXT.	S "	SiO ₂	Other	Name + Obs. A
73-6	0-5		Rusty	f-l u	-	-		??? O.B.
	5-10		B	f-m u	-	-		And
	10-15		LB	f-m u	0	mod wh		SIL AND
	15-20		LG	f-m u	1/8	Ab wh f gy		SIL AND
	20-25		LG	f-m u	0	Ab wh		SIL AND.
	25-30		LG	f-l u	0	mod wh		SIL AND
	30-35		white	f-l u	0	Ab wh		SIL
	35-40		White	f-m u	0	Ab wh		SIL
	40-45		LG-wh	f-m u	0	Ab wh		SIL
	45-50		LG	f-m u	0	mod wh		AND
	50-55		G	f-m u	1/4	Ab gy		SIL AND
	55-60		G	f-m u	0	f wh		AND
	60-65		G	f-m u	1/8	f gy f wh		SIL AND
	65-70		G	m u	0	mod wh		SIL AND
	70-75		G	f-m u	>1/8	mod gy		AND
	75-80		G	m u	1/8	Ab gy		SIL AND
	80-85		G	f-m u	1/4	Ab gy f wh		SIL AND
	85-90		G	f-m u	<1/4	Ab gy f wh		SIL AND
	90-95		G	f-m u	>1/8	f gy		AND
	95-100		G	f-m u	>1/8	f gy		AND.

73-39	0-5			f u	0	wlgy mod wh	some as below	wk-mod rock fts
	5-10	B	B	f u	0	ab white	Ab. goethite	mod rock fts
	10-15	dB	B	f u	0	mod gy	Stain on Ab	SIL AND
	15-20	-	log	f u	0	mod gy	mod goethite	AND
	20-25	g.	log	f u	<1/2	mod gy	Ab goethite	AND
	25-30	-	log	f u	<1/8	mod gy	ab	AND
	30-35	-	log	f u	0	mod gy	goethite	AND
	35-40	-	log	f u	0	wlgy	wk goethite	AND
	40-45	-	log	f u	<1/8	mod gy	v.wk goethite	AND
	45-50	-	log	f u	<1	mod gy	v.wk goe	AND

		H ₂ O	Colour	TEXT.	S	SiO ₂	
73-41	0-5	Rusty	Rusty	f-c MU	< 1/8	-	SIL ?
	5-10	< 1/8	f gy	SIL ?
	10-15			f-m-u	0	mod gy	SIL
	15-20		Rusty	f-c MU	-	-	SIL ?
	20-25		G	f-m-u	1/8-1/4	mod gy	SIL AND
	25-30		G	f-m u	1/8-1/2	mod gy	SIL AND
	30-35		G	f-m u	1/8	mod gy mod wh	SIL AND
	35-40		G.	f-m u	1/8-1/4	mod gy mod wh	SIL AND
	40-45		G	f-m u	1/4-1/2	Ab gy	SIL AND
	45-50		G	f-m u	1/8-1/4	Ab gy	SIL AND
73-38	0-5		white	f-c u	0	Ab wh	SIL
	5-10		rusty white	f-c u	0	Ab wh	SIL
	10-15		rusty white	f-c u	0	Ab wh	SIL
	15-20		G	f-m u	1/8-1/4	Ab gy	SIL AND
	20-25		G	f-c-u	1/8-1/4	Ab gy	SIL AND
	25-30		G	f-c-u	0	f gy	AND
	30-35		G	f-m u	1/8	f gy wh	SIL? AND
	35-40		G	f-m u	1/8	f gy wh	AND
	40-45		G	f-m u	> 1/8	mod wh	AND
	45-50		G	f-m u	> 1/8	f gy	AND
73-40	0-5		white	f-c u	0	Ab wh	SIL
	5-10		wh	f-m u	0	Ab wh	SIL
	10-15		l B	f-c u	0	Ab wh	SIL
	15-20		l B	f-c u	0	Ab wh	SIL
	20-25		l B	f-m u	0	Ab wh	SIL
	25-30		l B	f-m u	0	Ab wh	SIL
	30-35		l Br	f-m u	> 1/8	Ab wh	SIL
	35-40		G	f-m u	1/8	mod gy f wh	AND
	40-45		G.	f-m u	1/8	mod gy f wh	SIL AND
	45-50		G	f-m u	> 1/8	mod wh f gy	SIL AND

73-34	0-5	Rusty wh	f-c-MU	0	Ab wh	SIL ?
	5-10	Rusty wh	f-c U	0	Ab wh	SIL
	10-15	Rusty wh	f-c-U	$> \frac{1}{8}$	Ab wh	SIL
	15-20	G	f-c-MU	$> \frac{1}{8}$	mod gy	AND
	20-25	G	f-c-MU	$\frac{3}{4}-1$	Ab gy f wh	SIL AND
	25-30	G	f-c U	$\frac{1}{8}-\frac{1}{4}$	Ab gy f wh	SIL ?
	30-35	G	f-c-MU	$\frac{1}{8}-\frac{1}{4}$	mod gy mod wh	SIL AND
	35-40	G	f-m U	$\frac{1}{4}-\frac{1}{2}$	mod gy f wh	SIL AND
	40-45	G	f-m U	$\frac{1}{2}-\frac{3}{4}$	mod gy mod wh	SIL AND
	45-50	G	f-m U	$\frac{1}{8}-\frac{1}{4}$	mod gy f wh	SIL ? AND
	50-55	G	f-m U	$\frac{1}{8}$	Ab gy f wh	SIL ? AND
	55-60	G	f-m U	$\frac{1}{8}$	f wh	AND
	60-65	G	f-m U	$< \frac{1}{8}$	f wh	AND
	65-70	G	f-m U	$\frac{1}{8}$	f wh	AND
	70-75	G	f-m U	$\frac{1}{8}$	mod gy f wh	AND - green
	75-80	G	f-m U	$\frac{1}{8}$	mod gy f wh	AND
	80-85	G	f-m-U	$> \frac{1}{8}$	mod gy f wh	AND (green)
	85-90	G	f-m U	$\frac{1}{8}$	mod gy f wh	AND
	90-95	G	f-m U	$\frac{1}{8}-\frac{1}{4}$	mod gy	AND
	95-100	G	f-m U	$\frac{1}{8}-\frac{1}{4}$	Ab gy f wh	AND - SIL ?
73-37	0-5	white	f-c U	0	Ab wh	SIL
	5-10	lB-wh	f-c U	0	Ab wh	SIL
	10-15	lBr-wh	f-c U	0	Ab wh	SIL
	15-20	lBr-	f-c U	0	Ab wh	SIL
	20-25	lBr->G	f-m MU	0	mod wh	SIL ?
	25-30	lBr	f-m MU	0	Ab wh	SIL
	30-35	G	f-m U	$\frac{1}{8}$	mod wh mod gy	AND SIL ?
	35-40	G	f-m U	$> \frac{1}{8}$	f wh f gy	AND
	40-45	G	f-m U	$\frac{1}{8}$	mod wh f gy	AND
	45-50	G	f-m U	$> \frac{1}{8}$	mod wh	AND SIL ?
	50-55	G	f-m U	$> \frac{1}{8}$	mod gy	AND SIL
	55-60	G	f-m U	$> \frac{1}{8}$	Ab wh	SIL AND
	60-65	G	f U	0		AND
	65-70	G	f-m U	$\frac{1}{4}-\frac{3}{2}$	Ab gy	SIL AND
	70-75	G	f-m U	$> \frac{1}{8}$	mod gy	AND
	75-80	G	f-m U	?		AND
	80-85	G	f-m U	0	f wh	AND
	85-90	G	f-m-U	$> \frac{1}{8}$	f gy	AND
	90-95	G	f-m U	0		AND
	95-100	G	f-m U	0		AND

		Color	Text	S ¹¹	S ₁₀₂	Other	Name & abs.
73-31	0-5	l B	v f U	none	st wh	mod. gae	S.L.
	5-10	l B	v f U	0	mod st wh	" "	S.L. (Beach sand)
	10-15	l B	v f U	none	v. st wh	—	S.L. (s & r)
	15-20	l B	v f U	0	v st wh	wk gae	S.L.
	20-25	l B	v f U	0	st wh	mod gae	S.L.
	25-30	.G	v f U	0	mod gae	" "	S.L. And
	30-35	l B	v f U	< 1/8	mod gae	galeite	S.L. And
	35-40	G	v f U	0	mod gae	wk gae	S.L. And
73-31	40-45	G	v f U	0	mod gae	wk gae	S.L. And
	45-50	G	f U	< 1/4	mod gae	—	S.L. And
73-36	0-5	B	f c NU	0	ab wh gae	ab. gae	S.L. (big fragments)
	5-10	TAN	v f U	0	ab wh	ab. gae	S.L. (salt & pepper)
	10-15	"	v f U	0	ab wh	ab. gae	S.L.
	15-20	TAN	f c NU	0	ab wh gae	ab. gae	S.L. (coarse beach)
	20-25	v l G	v f U	0	ab wh gae	wk gae	S.L.
	25-30	l G	f c NU	< 1/16	ab wh gae	wk gae	S.L.
	30-35	l G	f c NU	< 1/32	mod gae	wk "	S.L.
	35-40	l G	f c NU	0	mod gae	v wk gae	S.L.
	40-45	G	f c NU	0	wk gae	wk gae	S.L.
45-50	G	f U	0	ab gy wh	v wk gae	S.L.	
73-30	0-5	B	f c NU	0	mod gae	ab. gae	S.L. And
	5-10	TAN	v f U	0	mod wh gae	ab. gae	S.L. And
	10-15	B	f c NU	< 1/32	mod gae	ab. gae	S.L. And
	15-20	l B	f c NU	0	mod-st gae	mod gae	S.L. And
	20-25	B	f c NU	0	mod gae	ab. gae	S.L.
	25-30	l B	f c NU	0	mod-st gae	ab. gae	S.L.
	30-35	l G	f c NU	0	mod-st gae	ab. gae.	S.L. (And?)
	35-40	l G	f c NU	0	st wh	wk gae	S.L.
	40-45	l G	f c NU	0	ab gy wh	wk gae	S.L.
	45-50	G	f c NU	0	ab gy wh	v. l. gae	S.L.

	H ₂ O	e	TEXT	S	SiO ₂	
73-24	0-5	Rusty wh	f-c MU	0	wh	SIL
	5-10	" "	" "	"	"	SIL
	10-15	Rusty wh	f-c	0	wh	SIL
	15-20	" "	f-c	0	wh	SIL
	20-25	Rusty wh	f-c u	0	wh	SIL
	25-30	wh	f-c u	0	wh	SIL
	30-35	l G	f-m u	<1/8	Ab wh	SIL
	35-40	l Br	f-m u	0	Ab wh	SIL
	40-45	l Br	f-m u	<1/8	Ab wh	SIL
	45-50	G	f-m u	<1/8	fgy	AND
73-21	0-5	Rusty	f-c MU	0	wh	SIL
	5-10	l Br-wh	f-c u	0	wh	SIL
	10-15	l Br-wh	f-m u	0	Wh	SIL
	15-20	l Br	f-m u	0	Wh	SIL
	20-25	l Br-wh	f-m u	0	Wh	SIL
	25-30	l Br-wh	f-m u	0	Wh	SIL
	30-35	l Br	f-m u	0	Wh	SIL
	35-40	G	f-m u	<1/8	f wh	AND-SIL?
	40-45	G	f-m u	<1/8	f wh	AND-SIL?
	45-50	G	f-m u	1/8	f wh fg?	SIL AND
50-55						
73-15	0-5	Br	f-c MU	0	wh	SIL
	5-10	l Br-wh	f-m u	0	Wh	SIL
	10-15	l Br-wh	f-c u	0	Wh	SIL
	15-20	l G	f-m	0	wh	SIL
	20-25	l G	f-m u	0	Ab wh	SIL AND
	25-30	l G	f-m u	0	Ab wh	SIL AND
	30-35	l G	f-m u	0	Ab wh	SIL AND
	35-40	l G	f-m u	0-1/8	Ab wh	SIL AND
	40-45	l G	f-m u	0-1/8	Ab gy	SIL AND
45-50	l G	f-m u	0-1/8	Ab wh Ab gy	SIL AND	

73-17

	Color	Tex	S"	S.O.Z	Other	Observed	9
0-5	B	v f U	0	st. wh	wb gae	S.L	rock fgs
5-10	B'	v f U	0	st wh	wb gae	S.L	(salt & pepper)
10-15	B.	v f U	0	st wh 87	wb gae	S.L.	" " "
15-20	l B	f m U	0	mod wh 84	wb gae	S.L	(And fgs.)
20-25	l G	f c U	0	st wh 84	v f gae	S.L	
25-30	l G	f m U	0	st gy wh	0	S.L	
30-35	l G	f m U	< 1/32	st gy wh	0	S.L	
35-40	.G	v f-f U	< 1/8	mod wh	v f gae	S.L	
40-45	G	f m U	0	mod-st gy	—	S.L AND?	
45-50	b G	v f U	< 1/6	mod-st	wb gae	S.L	
50-55	b G	f U	< 1/8	st gy wh	occ gae	S.L	
55-60	b G	f U	0	st gy wh	occ gae	S.L	
60-65	b G	f m U	0	st S.L	0	S.L	milk white specks of silica
65-70	l G	f U	< 1/4	st gy wh	0	S.L	
70-75	l G	v f U	0	st wh sil	occ. gae	S.L	
75-80	l G	v f U	0	st gy wh	v f occ gae	S.L	
80-85	b G	f m U	0	st gy wh	v f occ gae	S.L	
85-90	l G	f c U	< 1/8	mod wh gy	0	S.L AND	
90-95	G	f U	< 1/8	mod gy wh	occ. gae.	S.L AND	
95-100	G	v f U	< 1	mod wh x mod q	—	AND	

73-9

0-5	Rusty	f c m U	0	st		??	
5-10	l Br	f-m U	0	Ab wh		SIL AND ?	
10-15	l Br	f-c U	1/8	Ab gy		V SIL AND	
15-20	l G	f-m U	0	Ab gy		V SIL AND	
20-25	l G	f-m-U	0	Ab gy		V SIL AND	
25-30	l G	f-m U	> 1/8	Ab gy		V SIL AND	
30-35	l G	f-m U	0	mod wh		SIL AND	
35-40	l G	f-m U	< 1/2	Ab gy		V SIL AND	
40-45	l G	f-m U	0	mod gy		SIL AND	
45-50	G	f-m U	< 1/2	f wh f gy		AND	

73-32	0-5	Rusty-Br	f-c U	0	wh	SIL
	5-10	l Br	f-m U	0	Ab wh	SIL ?
	10-15	Rusty wh	f-c U	0	Wh	SIL
	15-20	Rusty	f-c U	$> \frac{1}{8}$	Ab wh	SIL ?
	20-25	l G	f-m U	$> \frac{1}{8}$	Ab wh	SIL ?
	25-30	l Br	f-m U	0	Ab wh	SIL
	30-35	l G	f-m U	$> \frac{1}{8}$	mod wh mod gy	SIL ?
	35-40	l Br	f-m U	$\frac{1}{8}$	mod wh Ab gy	SIL ?
	40-45	l Br	f-m U	$\frac{1}{8}-\frac{1}{4}$	Ab gy	SIL
45-50	l Br	f-m U	0	Ab wh	SIL ?	
73-10	0-5	Br	f-c U	0	Ab wh	SIL ?
	5-10	l Br	f-m U	0	Ab wh	SIL ?
	10-15	l Br	f-c U	0	Ab wh	SIL ?
	15-20	l G	f-m U	$\frac{1}{8}$	mod wh	SIL AND
	20-25	l G	f-m U	$< \frac{1}{8}$	mod wh	AND
	25-30	l G	f-m U	0	mod wh	SIL AND
	30-35	l G	f-m U	$< \frac{1}{8}$	mod wh
	35-40	l G	f-m U	$< \frac{1}{8}$	mod wh f gy	SIL AND
40-45	l G	f-m U	$\frac{1}{8}$	mod wh mod gy	SIL AND	
45-50	l G	f-m U	0	mod wh	AND SIL ?	
73-4	0-5	Rusty	f-c U	$< \frac{1}{8}$	mod wh .. gy	SIL AND
	5-10	..	f-c U	0	Ab wh	SIL AND
	10-15	l Br	f-m U	$\frac{1}{8}-\frac{1}{4}$	Ab gy	SIL AND
	15-20	l G	f-m U	$\frac{1}{8}$	mod gy	SIL AND
	20-25	l G	f-m U	$\frac{1}{8}$	mod gy
	25-30	l G	f-m U	$\frac{1}{8}-\frac{1}{4}$	Ab gy	SIL AND
	30-35	l G	f-c U	$\frac{1}{8}-\frac{1}{4}$	Ab gy	SIL AND
	35-40	l G	f-c U	$\frac{1}{8}$	mod wh .. gy	SIL AND
	40-45	l G	f-m U	$\frac{1}{8}$	mod wh mod gy	SIL AND
45-50	l G	f-m U	$\frac{1}{8}$	Ab gy	SIL AND	

			color	Tex	S ¹¹	S ₂	Other	Obs.	
73-1	0-5		B	fC NU	< 1/2	mod wh 2 gy mod gy	st gae	S.L AND	Ab rock fgs
	5-10		bq	fM U	0	mod gy	mod gae	S.L AND	
	10-15		bq	v fC NU	< 1	wh gy Mod-st gy	ab gae	S.L AND	sign rock fgs
	15-20		LB	fM U	< 1/8	mod gy	ab gae	S.L AND	Ab rock fgs
	20-25		G	v f U	< 2	mod g	wb gae	AND	
	25-30		G	f U	< 1.25	mod gae gy		AND	
	30-35		G	fM U	< 1.5	mod gy		AND	
	35-40		G	fM U	< 1.0	mod gy		AND	
	40-45		G	v fM U	< 1.5	mod gy		AND	
	45-50		G	fM U	< 1	mod gy		AND AND	
73-16	0-5		B	fM U	mod white 2 gy	0	mod gae	AND	
	5-10		B	fM U	< 1/8	mod gy white	mod gae	S.L? AND	
	10-15		LB	v f U	st white < 1/16	mod gy	mod gae	S.L.	subpyrite
	15-20		G	v f U	< 1/8	mod gy	wb gae	AND	
	20-25		LG	v v f U	< 1/16	mod gy gy	occ gae.	AND	
	25-30	milky	LG	v f U	< 1/8	mod gy wh		AND	
	30-35		G	v fM U	0	st g. gy		S.L AND	
	35-40		G	v f U	< 1/8	mod gy	wb gae	AND	
	40-45		Bq	fC NU	< 1/8	mod gy	wb gae	AND	
	45-50		0	fC U	< 1/16	Mod-st wh gy	- ab gae	S.L AND	
73-11	0-5	Taw	Taw	fM U	0	white gy wb mod mod-st	wb mod gae	And.	subpyrite
	5-10		LB	fM U	0	white gy	0	S.L.	
	10-15		LB	fM NU	< 1/32	mod at white gy	wb gae	S.L AND?	some rock fgs
	15-20		LG	fM U	< 1/32	mod at gy wh	0	AND.	
	20-25		G	fM U	0	mod gy	0	AND	
	25-30		G	fM U	0	mod-st white gy	0	AND S.L	
	30-35		G	fM U	0	st wh	0	S.L	
	35-40		G	fM U	0	st wh	0	S.L	
	40-45		G	v f U	< 1/8	mod gy wh	0	AND	
	45-50		G	fM U	< 1/8	st wh	0	AND S.L	

H₂O C T S SiO₂

73-25	0-5	Brown	f-c u	0	Ab wh	✓ SIL AND
	5-10	lB	f-m u	0	ab wh	✓ SIL AND
	10-15	lB	f-m u	0	mod wh	✓ SIL AND
	15-20	lB	f-m u	7/8	mod gy	SIL AND
	20-25	lg	f-m u	7/8	Ab gy	SIL AND
(*)	25-30	white	f-m u	0	Ab wh	SIL
	30-35	lg	f-m u	0	mod gy mod wh	SIL AND
	35-40	lg	f-m u	0	mod gy	AND
	40-45	lg	f-m u	7/8	Ab gy	✓ SIL AND
	45-50	lg	f-m u	7/8	Ab gy	SIL AND

73-18	0-5	Br	f-m u	0	mod gy	SIL AND
	5-10	l Br	f-m u	0	mod wh	SIL AND
	10-15	l Br	f-m u	0	mod wh mod gy	✓ SIL AND
	15-20	l Br	f-m u	0	Ab wh	✓ SIL AND
	20-25	l Br-wh	f-m u	0	mod wh Ab wh	SIL
	25-30	lg	f-m u	0	mod gy	SIL AND
	30-35	lg-Br	f-m u	7/8	Ab gy	✓ SIL AND
	35-40	lg	f-m u	7/8	mod wh	SIL AND
	40-45	lg	f-m u	7/8	Ab gy	SIL AND
	45-50	lg	f-m u	0	mod gy	SIL AND

73-22	0-5	l Br	f-c u	0	Ab wh	SIL AND ?
	5-10	Br	f-c u	0	Ab wh	SIL AND
	10-15	l Br-wh	f-c u	0	Ab wh	SIL
	15-20	lg	f-m u	3/8	Ab wh	SIL AND
	20-25	lg	f-m u	7/8	Ab wh	SIL AND
	25-30	l Br-lg	f-m u	0	Ab wh	SIL AND.
	30-35	lg	f-u	7/8	Ab wh mod gy	SIL AND
	35-40	lg	f-m u	7/8	mod gy	SIL AND
	40-45	lg	f-m u	0	Ab wh	✓ SIL AND
	45-50	lg	f-m u	0	Ab wh	✓ SIL AND

73-26	0-5	l Br	f-c u	0	Ab wh	SIL AND	13
	5-10	l Br	f-c u	0	mod wh	SIL AND	
	10-15	l Br	f-m u	0	Ab gy	SIL AND	
	15-20	l Br	f-m u	$> \frac{1}{8}$	mod gy	SIL AND	
	20-25	l Br	f-m u	0	Ab gy	SIL AND	
	25-30	l Br	f-m u	$\frac{1}{8}$	Ab gy	SIL AND	
	30-35	l Br	f-m u	$> \frac{1}{8}$	Ab gy	SIL AND	
	35-40	l Br	f-m u	$\frac{1}{8}$	Ab gy	V SIL AND	
	40-45	l Br	f-m u	$> \frac{1}{8}$	Ab gy	SIL AND	
	45-50	l Br	f-m u	$> \frac{1}{8}$	mod wh	SIL AND	
	50-55	l Br	f-m u	0	Ab gy	And	
	55-60	l Br	f-m u	$> \frac{1}{8}$	mod gy	SIL AND	
	60-65	l Br	f-m u	$> \frac{1}{8}$	Ab gy	SIL AND	
	65-70	l Br	f-m u	$0 - \frac{1}{8}$	mod gy	SIL AND	
	70-75	l Br	f-m u	$0 - \frac{1}{8}$	Ab gy	SIL AND	
	75-80	l Br	f-m u	$> \frac{1}{8}$	Ab gy	SIL AND	
	80-85	l Br	f-m u	0	Ab wh	SIL AND	
	85-90	l Br	f-m u	$> \frac{1}{8}$	mod gy	SIL AND	
	90-95	l Br	f-m u	$> \frac{1}{8}$	mod gy	SIL AND	
	95-100	l Br	f-m u	0	f wh	SIL AND	

73-55	0-5	No Sample					
	5-10	l Br	f-c u	0	Ab wh	SIL	
	10-15	l Br	f-m u	0	Ab wh	SIL	
	15-20	l Br	f-m u	0	Ab wh	V SIL AND	
	20-25	l Br	f-m u	0	mod wh	V SIL AND	
	25-30	l Br	f-m u	$> \frac{1}{8}$	mod gy	SIL AND	
	30-35	l Br	f-m u	$> \frac{1}{8}$	mod gy	SIL AND	
	35-40						
	40-45						
	45-50						

73-43	0-5	Rusty	f.c. NU	0	mod wh	SIL AND
	5-10	lBr	f.c. NU	0	mod wh	SIL AND
	10-15	lh	f.c. U	0	mod gy	SIL AND
	15-20	lh	f.c. U	0-7/8	Ab gy	SIL AND
	20-25	lh	f.c. U	0-7/8	mod gy	SIL? AND
	25-30	lh	f.c. U	0	mod gy	AND
	30-35	lh	f.c. U	1/8	mod gy	SIL AND
	35-40	lh	f.c. U	0	Ab gy f wh	USIL AND
	40-45	lh	f.c. U	0	mod gy mod SIL	SIL AND
	45-50	lh	f.c. U	0	Ab gy	SIL AND
	50-55	lh	f.c. U	0-7/8	Ab gy f wh	SIL AND
	55-60	lh	f.c. U	0-7/8	Ab gy	SIL AND
	60-65	wh-lh	f.c. U	0-7/8	Ab wh	SIL
	65-70	white	white f.c. U	0-1/4	Wh	SIL - WHITE
	70-75		white f.c. U	0-1/4	wh	SIL -
	75-80		wh-lh f.c. U	0-1/8	Ab wh	SIL?
	80-85	lh	f.c. U	1/16	Ab gy	SIL AND
	85-90	lh	f.c. U	1/2	Ab gy	SIL AND
	90-95	lh	f.c. U	1/8-1/4	Ab gy	SIL AND
	95-100					

73-42	0-5	Brown		0		
	5-10	lBr-Sandy		0	f wh	SIL AND?
	10-15	Sandy		1/8	mod gy mod SIL	SIL AND
	15-20	lh	f.c. U	1/8	Ab gy	SIL AND
	20-25	lh	f.c. U	7/8	Ab gy	SIL AND
	25-30	lh	f.c. U	1/8	Ab gy	SIL AND
	30-35	lh	f.c. U	0-7/8	Ab gy	SIL AND
	35-40	lh	f.c. U	0	mod gy	SIL AND
	40-45	lh	f.c. U	1/8	Ab gy	SIL AND
	45-50	lh	f.c. U	0-1/8	Ab gy f wh	SIL AND
	50-55	lh	f.c. U	0-	mod gy	SIL AND
	55-60	lh	f.c. U	0	Ab gy	SIL AND
	60-65	lh	f.c. U	1/8	Ab gy	SIL AND
	65-70	lh-wh	f.c. U	7/8	Wh	SIL
	70-75	lh-wh	f.c. U	7/10	Wh	SIL
	75-80	lh	f.c. U	1/8-1/4	Ab gy	SIL AND
	80-85	very lh	f.c. U	1/8-1/4	Ab gy	SIL
	85-90	lh	f.c. U	1/8	Ab gy	SIL AND
	90-95	lh	f.c. U	1/8	Ab gy	SIL AND
	95-100	lh	f.c. U	1/8	Ab gy	SIL AND

73-2	0 5	- l Br	f-m U	0	Ab wh	SIL	AND
	5 10	l Br	f-m U	0	Ab wh	SIL	AND
	10 15	l Br	f-m U	0	Ab gy	SIL	AND
	15 20	l Br	f-m U	0	Ab gy	SIL	AND
	20 25	lg	f-m U	1/8	Ab gy mod wh	SIL	AND
	25 30	lg	f-m U	1/8	mod gy	SIL	AND
	30 35	lg	f-m U	?	?	?	
	35 40	lg	f-m U	7/8	Ab gy	SIL	AND
	40 45	lg	f-m U	1/4 - 1/2	Ab gy mod wh	V SIL	AND
	45 50	lg	f-m U	1/2 - 3/4	Ab gy	V SIL	AND

73-45	0 5						
	5 10						
	10 15						
	15 20						
	20 25						
	25 30						
	30 35						
	35 40						
	40 45						
	45 50						
	50 55						
	55 60						
	60 65						
	65 70						
	70 75						
	75 80						
	80 85						
	85 90						
	90 95	lg	f-m U	7/8	Ab gy	SIL	AND
	95 100	lg	f-m U	1/8	Ab gy f wh	SIL	AND