

SAMPLE STATION GEOLOGY

GEOLOGIST

N.A.R.

SAMPLE NUMBER

K 459-02 208

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DEPTH INTERVAL (m)		SEDIMENT (Folk class) or main rock type	subordinate rock type	MUNSELL COLOUR	Sorting HCl Reaction	SAND			MUD		GRAVEL			Basal Contact Bedding	Jointing	H ₂ S Odour	Heavy Minerals Pitca	Glauconite	Faunal/Fossils Whole Shells	Forams	Plant Remains	Chronostrat	Lithostrat	Unit	Comments
upper	lower					Grain Size Range	Roundness Range	Sphericity	% Shell Material	Hardness	Plasticity	% Shell Material	Max. Clast Size (mm)												
0.00	0.12	S		5Y 6/1, 3	MS	F	M	S	U	L	8	0													
0.12	0.16	GS		5Y 6/1, 3	MS	F	K	S	U	L	4	0						R							
0.16	0.27	(G)S		5Y 6/1, 3	PS	F	C	S	U	L	4	0						R							
0.27	0.58	(G)S		5Y 4/1	MM	F	K	A	U	L	3	0						R							

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DEPTH INTERVAL (m)		log	ADDITIONAL COMMENTS (FREE TEXT)
upper	lower		
0.00	0.27	1	OLIG. SAND WITH SHELLY, HORIZON AT 0.13 TO 0.16M PASSING
0.00	0.27	2	INTO MUDRY, OLIG. GREY SAND WITH QCS SHELL FRAGS AT 0.27M
0.27	0.58	1	MUDRY SAND, LOW IN CARBONATES IN SAND FRACTION WITH GRAVEL
0.27	0.58	2	GRAVEL SHELL FRAGS AND BARE W/OLG SHELLS

SORTING OF TOTAL SAMPLE	HCl REACTION	SAND GRAIN SIZE	ROUNDNESS	SPHERICITY	MUD HARDNESS	MUD PLASTICITY	BASAL CONTACT	BEDDING	JOINTING	H ₂ S ODLOUR	ABUNDANCE SCALE	LITHOSTRAT UNIT	COMMENTS
V=very poorly sorted P=poorly sorted M=moderately sorted W=well sorted X=very well sorted	N=no reaction W=weak M=moderate S=strong	S=silt V=very fine F=fine M=medium C=coarse K=very coarse	V=very angular A=angular S=subangular U=subrounded R=rounded W=well rounded	L=low H=high	V=very soft S=soft F=firm T=stiff Y=very stiff H=hard	N=non-plastic L=low plasticity I=intermediate H=highly plastic	G=gradational S=sharp E=erosive U=unconformity	F=flat lamination R=ripple lamination X=cross-bedded D=disturbed C=colour banded G=graded bedding	J=prominent joints D=prominent discontinuities F=fissuring	W=weak M=moderate S=strong A=induced by acid	R=rare C=common A=abundant	G=group F=formation M=member B=bed I=informal	C = additional comments below 1,2 etc = label if more than one comment. SHEET ____ OF ____