

SAMPLE STATION GEOLOGY

GEOLOGIST
MS

SAMPLE NUMBER

K 459-02-190

K dup columns 2-11

DEPTH INTERVAL (m)		SEDIMENT		MUNSELL COLOUR		SAND			MUD		GRAVEL			ABUNDANCE SCALE							Chronostrat	Lithostrat	Unit	Comments										
upper	lower	(Folk class) or main rock type	subordinate rock type			Sorting	HCl Reaction	Grain Size Range	Roundness	Sphericity	% Shell Material	Hardness	Plasticity	% Shell Material	Max. Clast Size (mm)	Roundness	Sphericity	Basal Contact	Bedding	Jointing					H ₂ S Odour	Heavy Minerals	Mica	Glaucanite	Faunal Fossils	Whole Shells	Forams	Plant Remains		
9.00	11.00	GS		2-5Y 7/1, 4		PS		MK, A, RL		9.0				9.0	A, A, U, L											AC								

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DEPTH INTERVAL (m)		ADDITIONAL COMMENTS (FREE TEXT)															
upper	lower																
9.00	11.00	QUARTZ DISPLAYS VARIABLE SPHERICITY AND ROUNDNESS															

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 ____