

RSG Sample No.	2130	13431	13432
Well	83/24-sb02	83/24-sb02	83/24-sb02
Sample Type	Plug 2036a	Cem. rock	Cem. rock
Top Depth (m d.d.)	45.13	45.37	58.89
Stratigraphy	Brownsand	Brownsand	Brownsand
FRAMEWORK GRAINS			
Monocrystalline Quartz (Qm)	18.67	16.00	26.00
Polycry. Quartz (equicrystalline)	8.00	10.33	7.33
Polycrystalline Quartz (vein)	1.00	2.33	0.00
Polycrystalline Quartz (metamorphic)	0.00	1.33	0.00
Polycrystalline Quartz (chert)	0.00	0.00	0.00
Total Polycrystalline Quartz (Qp)	9.00	14.00	7.33
Total Quartz (Q)	27.67	30.00	33.33
K-Feldspar	4.33	3.33	3.00
Plagioclase	0.00	0.33	0.33
Total Feldspar grains (F)	4.33	3.67	3.33
Lithic Plutonic Fragments (Lp)	8.67	2.67	5.00
Lithic Volcanic Fragments (Lv)	0.00	0.00	0.00
Lithic Sedimentary Fragments (Ls)	1.33	0.67	7.00
Total Lithic Fragments (L)	10.00	3.33	12.00
Heavy Minerals	0.33	0.33	0.33
DUCTILE COMPONENTS			
Mica - (muscovite)	2.33	0.33	2.33
Mica - (biotite)	0.00	0.00	0.00
Mica - (chlorite)	0.00	0.00	0.00
Detrital Clay	0.00	0.00	0.33
Glauconite	0.00	0.00	0.00
Carbonaceous material	0.00	0.00	0.00
Total Ductile Grains	2.33	0.33	2.67
CARBONATE COMPONENTS			
Micrite Matrix	14.67	23.33	3.67
Bioclasts	1.67	4.00	7.00
Carbonate intraclasts	0.00	0.00	0.00
Total carbonate allochems	1.67	4.00	7.00
FERRUGINOUS MATERIAL			
Ferruginous grains (haematite)	1.33	6.33	3.33
Ferruginous grains (limonite)	0.00	0.00	2.33
Ferruginous grains (chamosite)	0.00	0.00	0.67
Ferruginous grains (goethite)	0.00	0.00	0.67
Total Ferruginous grains	1.33	6.33	7.00
AUTHIGENIC PHASES			
Sparry/micritic calcite cement	37.00	26.00	29.00
Replacive calcite	0.33	0.00	0.00
Pyrite	0.00	0.00	0.00
Quartz cement	0.00	0.00	0.00
Authigenic clay	0.00	0.33	0.33
POROSITY			
Primary interparticle porosity	0.00	0.00	0.00
Secondary intraparticle porosity	0.33	2.33	1.33
Secondary oversized porosity	0.00	0.00	0.00
Fracture porosity	0.00	0.00	0.00
Total Porosity	0.33	2.33	1.33
TOTAL	100.00	100.00	100.00

Table 3: Modal analysis listing for point-counted samples from the shallow boreholes (Page 5 of 5).