

Summary of composites

Comp	X No.	Hole	Depth (m)	Original Sample No.	Lithology type
B	X1788	DD35	44.4 – 46.9	U6156207 - U6156211	Mud Phosphorite
C	X1789	DD35	46.9 – 50.0	U6156212 - U6156217	Mud Phosphorite
D	X1790	DD35	50.0 – 51.0, 56 – 56.5	U6156218, U6156223, U6156225, U6156227	Chert – breccia *
E	X1792	DD47	42.0 – 43.8	U6156248 - U6156249	Mud Phosphorite
F	X1793	DD47	44.7 – 48.7	U6156252 – U6156258	Chert – breccia
G	X1794	DD47	50.35 – 52.5	U6156262 – U6156265	Mud Phosphorite
H	X1795	DD58	34.15 – 36.5	U6156361 - U6156362	Mud Phosphorite
I	X1796	DD58	39.5 – 41.3	U6156366 - U6156367	Chert – breccia
J	X1797	DD34	45.92 – 47.7	U6156182 - U6156184	Mud Phosphorite
K	X1798	DD34	49.0 – 51.4	U6156187 - U6156190	Chert – breccia

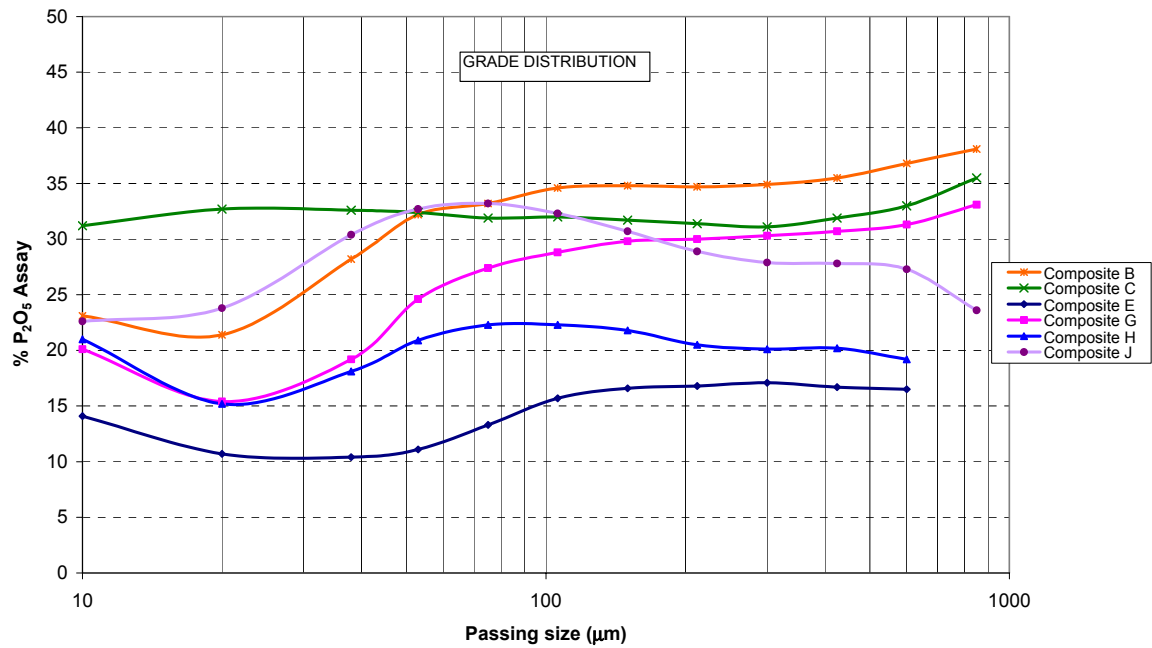
Summary of Bulk Assays

Comp	Lithology type	Assay results (% w/w)											
		P ₂ O ₅	Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	CaO	K ₂ O	TiO ₂	MgO	Na ₂ O	MnO	CO ₃	F
B	Mud Phosphorite	31.0	3.21	1.64	18.2	41.7	0.33	0.17	0.14	< 0.01	0.08	0.54	1.61
C	Mud Phosphorite	31.8	1.24	16.4	2.63	42.3	0.14	0.07	0.10	0.04	0.21	0.54	1.75
D	Chert – breccia *	11.6	3.83	4.53	60.5	15.4	0.46	0.21	0.26	0.11	0.09	0.34	0.99
E	Mud Phosphorite	13.8	6.46	1.16	55.3	18.3	0.81	0.42	0.23	0.07	n/a	n/a	n/a
F	Chert – breccia	27.1	2.56	1.90	29.9	35.9	0.21	0.18	0.1	0.02	n/a	n/a	n/a
G	Mud Phosphorite	20.3	9.01	1.46	40.0	23.5	0.32	0.18	0.11	0.08	n/a	n/a	n/a
H	Mud Phosphorite	16.2	3.54	1.75	53.3	21.5	0.34	0.18	0.12	0.04	n/a	n/a	n/a
I	Chert – breccia	15.3	5.01	2.11	52.9	20.1	0.33	0.17	0.11	0.05	n/a	n/a	n/a
J	Mud Phosphorite	25.8	4.86	0.87	29.7	34.5	0.35	0.16	0.13	0.06	n/a	n/a	n/a
K	Chert – breccia	15.8	3.18	0.78	56.6	20.9	0.38	0.17	0.20	0.09	n/a	n/a	n/a
	Average	20.9	4.3	3.3	39.9	27.4	0.37	0.19	0.15	0.06	n/a	n/a	n/a

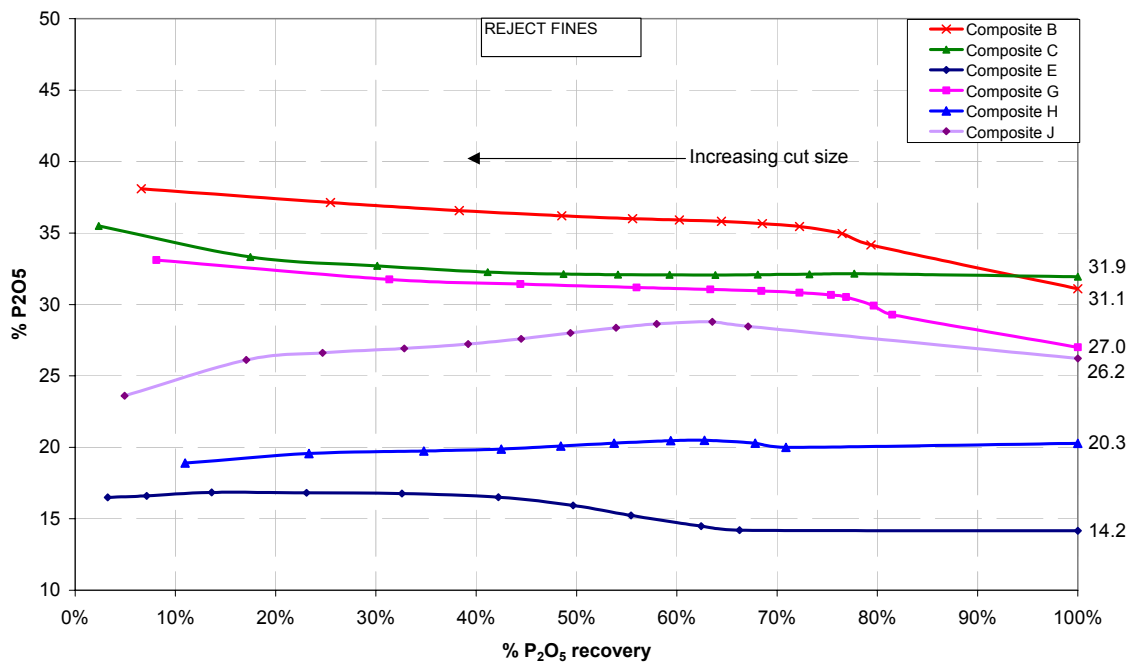
Size distributions for each composite

Composite	Lithology type	P ₈₀	P ₅₀
B	Mud Phosphorite	438	127
C	Mud Phosphorite	390	136
D	Chert - breccia	389	99
E	Mud Phosphorite	147	41
F	Chert - breccia	3040	86
G	Mud Phosphorite	480	196
H	Mud Phosphorite	339	98
I	Chert - breccia	3280	247
J	Mud Phosphorite	371	52
K	Chert - breccia	748	241

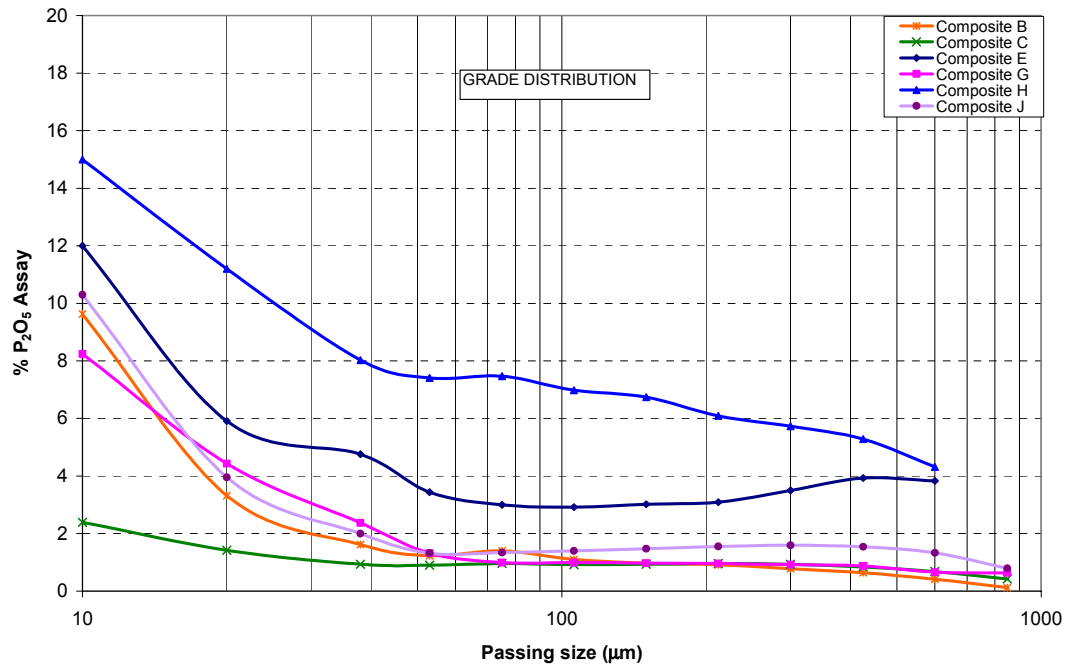
P₂O₅ grade by size fraction - Mudstone phosphorite composites



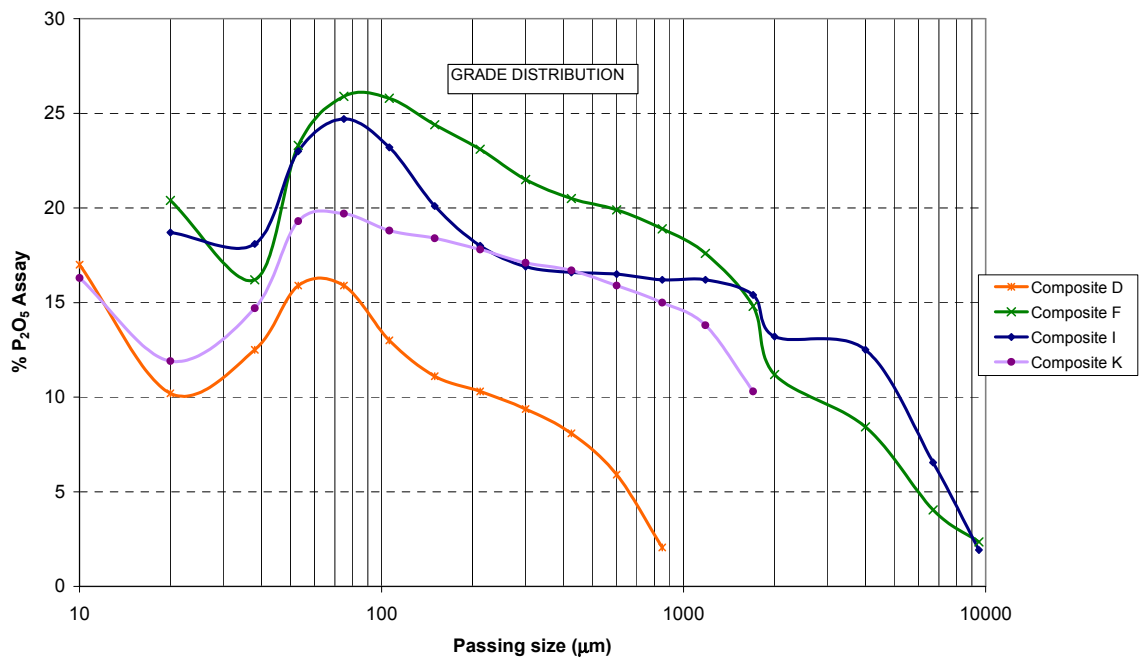
P₂O₅ Grade vs Recovery - Mudstone phosphorite composites



Al_2O_3 grade by size fraction - Mudstone phosphorite composites



P_2O_5 grade by size fraction-Chert breccia composites



Wonarah Grade vs Recovery curve - Chert Breccia composites

