

ABNER RANGE
SEL 9779

Appendix 8.2

Diamond Recovery Data -
ABN021 Kimberlite

ABNER RANGE																				
8.2_Diamond recovery data.xls																				
Hole No.	Interval	Lith	SG est	expected kg	Head weight kg	% recovered	Head weight g	+6mm g	-6+2mm g	-2+0.3mm g	-0.3+0.1mm g	-0.1mm g	Micros (<0.3mm)	Micros (>0.3<0.4mm)	Macros (>0.4mm)	Macros (>0.8mm)	Macros (>1.2mm)	Macros (>2mm)	Macros (>6mm)	Comment
							discarded	DMS	DMS	Discard or Wilfley table, caustic	discarded									
											fusion,then peroxide fusion for mds			ct (mostly est)	ct (mostly est)	ct	ct			
ARC001	0-6m				55.18		55180	920	5680	14528	5550	28502	2							In pipe margin
ARC001	6-16m				135.58		135580	2740	4980	18350	20670	88840	11							In pipe margin
ARC001	16-32m				258.14		258140	25040	35640	46080	20090	131290	39							In pipe margin
ARC001	32-55m				540.69		540690	19000	93274	138410	32190	257816	18							In pipe margin
ARC003	0-5m				66.16		66160	340	5820	22600	8040	29360	51			1 (0.0050)				NW corner of pipe -2-3m of cover?
ARC003	5-16m				243.38		243380	19660	44370	59070	10640	109640	6							NW corner of pipe -2-3m of cover?
ARC003	16-28m				144.34		144340	12300	17245	24250	9440	81105	21	2	1 (0.0015)					NW corner of pipe -2-3m of cover?
ARC015	0-5m	Cret sst/lat	2.30	176.00	100.60	57	100600	622	4800	21200	31760	42218	n/s							Adjacent to ADD004 - 10m cover
ARC015	5-10m	Cret sst	2.40	184.00	116.20	63	116200	7380	12000	23200	16510	57110	n/s							Adjacent to ADD004 - 10m cover
ARC015	10-15m	Trans kim	2.30	176.00	134.20	76	134200	9760	18100	31400	12120	62820	63	1						Start of kim -transition to 12m?
ARC015	15-20m	Trans kim	2.30	176.00	105.10	60	105100	12220	12600	21700	11980	46600	16							Kim
ARC015	20-25m	Mwd kim	2.20	169.00	112.60	67	112600	8220	9500	20100	12270	62510	17		1 (0.0006)		1 (0.1470)			
ARC013	0-5m	Cret sst/lat	2.30	176.00	99.10	56	99100	3600	10800	32200	16384	36116	n/s							
ARC013	5-10m	Cret sst	2.40	184.00	148.50	81	148500	14240	22620	42030	14192	55418	n/s							
ARC013	10-15m	Trans kim	2.30	176.00	144.40	82	144400	22600	28760	35870	8608	48562	n/s							
ARC013	15-20m	Vwd kim	2.10	161.00	155.20	96	155200	27320	33470	31040	13472	49898	n/s		1 (0.002)		1 (0.0139)			
ARC013	20-25m	Mwd kim	2.20	169.00	81.14	48	81140	12900	14510	19280	4960	29490	n/s	1						
ARC013	25-35m	Mwd kim	2.20	338.00	168.72	50	168720	21040	24300	27200	96180	n/s								
ARC013	35-47m	Mwd kim	2.20	406.00	178.84	44	178840	20719	31600	37680	88840	n/s								
ARC023	0-5m	Cret sst/lat	2.30	176.00	131.94	75	131940	820	8980	52600	69540	39428	n/s							
ARC023	5-10m	Cret sst / kim	2.30	176.00	124.56	71	124560	5760	17390	34900	66510	54010	n/s	3	1 (0.0012)					
ARC023	10-15m	Trans kim	2.30	176.00	162.16	92	162160	19200	28870	39900	74190	57190	n/s							
ARC023	15-20m	Trans kim	2.30	176.00	132.42	75	132420	18220	18950	27000	68250	57150	n/s		1 (0.0005)					
ARC023	20-25m	Mwd kim	2.20	169.00	140.02	83	140020	10260	12400	27700	89660	82460	n/s							
ARC023	25-30m	Mwd kim	2.20	169.00	119.32	71	119320	2960	16500	42000	57860	41060	n/s				1 (0.0045)			
ARC023	30-35m	Mwd kim	2.20	169.00	161.22	95	161220	7780	27000	47360	79080	50880	n/s		1 (0.0006)					
ARC023	35-40m	Mwd kim	2.20	169.00	141.18	84	141180	14600	30270	35000	61310	44010	n/s							
ARC023	40-45m	Mwd kim	2.20	169.00	130.16	77	130160	20360	19300	23000	67500	57500	n/s							
ARC023	45-52m	Mwd kim	2.20	236.00	175.38	74	175380	23260	27500	38700	85920	68420	n/s		2 (0.0019)					
ARC024	0-5m	Cret sst/lat	2.30	176.00	114.90	65	114900	5780	15000	21800	72320	n/s								
ARC024	5-10m	Cret sst / kim	2.30	169.00	150.42	89	150420	13700	14400	33700	88620	n/s	1		2 (0.0024)					
ARC024	10-20m	Trans kim	2.30	352.00	223.29	63	223290	29020	21950	32800	139520	n/s								
ARC024	20-30m	Vwd kim	2.10	322.00	195.40	61	195400	15900	19400	30720	129380	n/s			1 (0.0019)					
ARC024	30-40m	Vwd kim	2.10	322.00	135.68	42	135680	14180	14400	24110	82990	n/s								
ARC024	40-50m	Mwd kim	2.20	338.00	156.48	46	156480	7340	10200	21520	117420	n/s								
ARC024	50-59m	Sst Breccia	2.30	317.00	275.10	87	275100	31500	30900	48670	164030	n/s	1		1 (0.0030)					
ARC014	0-5m	Cret sst/lat	2.30	176.00	125.26	71	125260	1840	14880	46520	62020	n/s								
ARC014	5-10m	Cret sst / kim	2.30	176.00	115.26	65	115260	6540	8360	55120	45240	n/s			1 (0.0023)					
ARC014	10-20m	Trans kim	2.30	352.00	260.88	74	260880	18700	29000	34656	178524	n/s			1 (0.0015)					
ARC014	20-30m	Vwd kim	2.20	338.00	236.46	70	236460	21800	19780	36432	158448	n/s								
ARC014	30-40m	Vwd kim	2.20	338.00	250.84	74	250840	5720	12580	45200	187340	n/s	2							
ARC014	40-50m	Mwd kim	2.20	338.00	252.88	75	252880	14700	26260	47616	164304	n/s	1							
ARC014	50-60m	Mwd kim / sst	2.20	338.00	304.32	90	304320	8520	20608	75760	199432	n/s								
ARC014	60-70m	Mwd kim / sst	2.20	338.00	276.96	82	276960	18220	25120	47344	186276	n/s								
ARC014	70-80m	Mwd kim / sst	2.20	338.00	246.80	73	246800	12720	12600	34356	187124	n/s								
ARC014	80-90m	Mwd kim / sst	2.20	338.00	236.66	70	236660	16820	17500	58068	144272	n/s								
ARC042	0-5m	Cret sst/lat	2.30	176.00	113.50	64	113500	627	1300	18752	92821	n/s								
ARC042	5-10m	Cret sst / kim	2.30	176.00	81.04	46	81040	258	805	15344	64633	n/s								
ARC042	10-20m	Trans kim	2.30	352.00	217.62	62	217620	18700	17000	45888	145972	n/s								
ARC042	20-30m	Mwd kim	2.20	338.00	295.90	88	295900	21800	23700	70784	192176	n/s	3		1 (0.0006)					
ARC042	30-40m	Mwd kim	2.20	338.00	188.66	56	188660	5720	9140	28272	146028	n/s								
ARC042	40-48m	Mwd kim	2.20	270.00	188.04	70	188040	1520	4000	16688	165832	n/s								
ARC043	0-7m	Cret sst/lat	2.30	247.00	166.60	67	166600	420	2800	41180	122200	n/s								
ARC043	7-20m	Trans kim	2.30	458.00	301.46	66	301460	12680	29320	67370	192090	n/s			1 (0.0034)					
ARC043	20-30m	Vwd kim	2.10	322.00	133.68	42	133680	5680	6920	21920	99160	n/s			1 (0.0009)					