

NAME AVERAGE ROCK COMPOSITIONS

No.

ANVIL AREA

(\* analyses)

(10)

\* total iron as Fe<sub>2</sub>O<sub>3</sub>

normalized to 100% volatile free basis

015074

Sample	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub> *	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	LOI	Total	Total Volatile Free
1F (4)	51.62 (2.06)	1.98 (0.77)	14.25 (1.00)	13.00 (1.13)	0.16 (0.02)	7.86 (3.31)	8.69 (2.03)	1.97 (1.09)	0.20 (0.10)	0.25 (0.08)			
3C (4)	49.98 (1.17)	1.51 (0.53)	15.46 (0.90)	11.98 (0.54)	0.17 (0.02)	6.81 (0.51)	10.60 (0.82)	2.99 (0.38)	0.30 (0.14)	0.20 (0.08)			
7C (19)	49.38 (2.64)	1.75 (0.71)	15.61 (1.97)	12.45 (1.42)	0.14 (0.03)	7.79 (2.20)	8.52 (2.97)	3.48 (0.99)	0.73 (0.62)	0.33 (0.19)			
MCV (14)	49.30 (1.80)	2.60 (1.04)	15.49 (1.33)	14.41 (1.40)	0.15 (0.05)	6.76 (1.44)	7.18 (2.83)	3.73 (0.93)	0.52 (0.34)	0.43 (0.10)			
ARG-Selwyn (5)	48.38 (1.20)	1.54 (0.44)	15.79 (1.03)	12.46 (1.87)	0.20 (0.07)	8.19 (1.82)	10.57 (1.72)	2.90 (0.66)	0.52 (0.30)	0.16 (0.05)			
ARG-Klondike (3)	48.17 (2.70)	1.57 (0.41)	13.41 (1.50)	12.59 (1.44)	0.15 (0.03)	9.76 (4.39)	11.52 (2.24)	2.71 (1.60)	0.51 (0.44)	0.20 (0.09)			
ARG-Dildo (2)	48.56 (1.92)	1.50 (0.66)	15.74 (1.27)	11.89 (3.30)	0.19 (0.04)	7.68 (0.30)	11.12 (0.32)	3.48 (0.66)	0.54 (0.63)	0.22 (0.01)			

(# analyses)

(10)

\* total iron as  $Fe_2O_3$ 

normalized to 100% - volatile free basis

Sample	$SiO_2$	$TiO_2$	$Al_2O_3$	$Fe_2O_3^*$	$MnO$	$MgO$	$CaO$	$Na_2O$	$K_2O$	$P_2O_5$	L.O.I.	Total	Total Volatile Free
1C (32)	60.24 (1.89)	0.73 (0.22)	20.56 (1.95)	10.15 (1.22)	0.08 (0.05)	2.43 (0.52)	0.70 (0.33)	0.67 (0.72)	4.32 (0.76)	0.15 (0.07)			
1CD (47)	59.17 (3.75)	0.75 (0.14)	21.64 (2.49)	9.62 (1.12)	0.11 (0.04)	2.25 (1.05)	1.06 (0.96)	0.93 (0.42)	4.34 (0.75)	0.12 (0.04)			
1D (65)	61.08 (3.40)	0.57 (0.14)	21.32 (2.15)	8.86 (1.18)	0.09 (0.04)	2.20 (0.43)	0.94 (0.57)	0.74 (0.32)	4.02 (0.69)	0.18 (0.05)			
3G (18)	58.95 (3.77)	0.81 (0.29)	21.28 (2.26)	9.41 (2.04)	0.08 (0.04)	2.37 (0.58)	1.22 (1.53)	1.21 (0.48)	4.52 (0.63)	0.16 (0.04)			
5B (8)	55.06 (4.64)	0.31 (0.39)	17.99 (2.94)	7.39 (1.74)	0.10 (0.03)	3.52 (1.09)	10.63 (4.54)	1.87 (1.65)	2.97 (1.12)	0.17 (0.05)			
3D (12)	53.76 (2.01)	0.48 (0.21)	17.57 (1.74)	7.20 (1.01)	0.08 (0.02)	3.77 (0.71)	12.06 (3.93)	1.42 (0.71)	3.46 (0.81)	0.19 (0.08)			
5D (4) Dg	54.31 (5.09)	0.59 (0.61)	16.85 (1.55)	10.96 (2.48)	0.15 (0.06)	6.03 (2.34)	7.55 (2.94)	1.77 (0.87)	2.34 (1.48)	0.32 (0.12)			

(# analyses)

(10)

\* total iron as Fe<sub>2</sub>O<sub>3</sub>

normalized to 100%

Sample	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub> *	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	L.O.I.	Total	Total Volatile Free
1C (32)	56.82 (2.08)	0.69 (0.22)	19.39 (1.90)	9.57 (1.10)	0.07 (0.05)	2.29 (0.50)	0.66 (0.31)	0.64 (0.70)	4.07 (0.72)	0.14 (0.07)	4.98 (1.76)		
1CD (47)	55.57 (4.16)	0.70 (0.13)	20.29 (2.14)	9.02 (0.95)	0.10 (0.04)	2.11 (0.98)	0.99 (0.90)	0.88 (0.41)	4.07 (0.68)	0.12 (0.04)	5.87 (1.98)		
1D (65)	57.33 (3.74)	0.54 (0.13)	19.99 (1.94)	8.30 (1.04)	0.08 (0.03)	2.06 (0.41)	0.88 (0.53)	0.70 (0.30)	3.77 (0.62)	0.17 (0.05)	5.78 (1.72)		
3G (18)	56.89 (3.50)	0.78 (0.29)	20.53 (2.10)	9.08 (1.97)	0.08 (0.04)	2.29 (0.57)	1.19 (1.51)	1.17 (0.48)	4.37 (0.63)	0.15 (0.04)	3.44 (1.19)		
5B (8)	49.86 (4.58)	0.29 (0.38)	16.34 (3.10)	6.75 (1.92)	0.09 (0.03)	3.21 (1.12)	9.51 (3.69)	1.70 (1.46)	2.69 (1.03)	0.16 (0.05)	9.42 (4.47)		
3D (12)	51.48 (2.28)	0.46 (0.20)	16.82 (1.76)	6.92 (1.10)	0.08 (0.02)	3.63 (0.78)	11.56 (3.82)	1.37 (0.69)	3.32 (0.80)	0.19 (0.08)	4.18 (4.04)		
5D (4) Dy	49.95 (6.01)	0.54 (0.56)	15.50 (1.81)	10.02 (2.05)	0.14 (0.05)	5.49 (2.04)	6.88 (2.58)	1.63 (0.79)	2.17 (1.40)	0.30 (0.11)	8.19 (2.34)		