







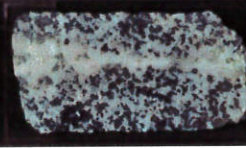
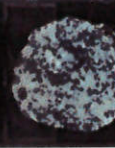



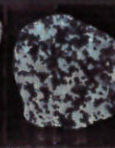
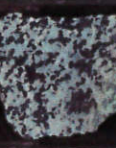
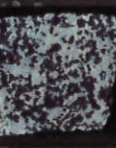
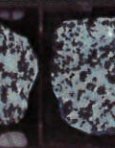


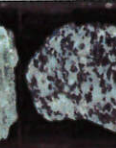
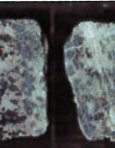
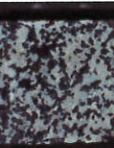

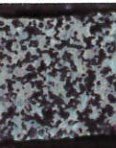





Depth	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI Mode (%)	PI Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
-0-												
-10-	1		Q38									
-20-	2		Q39	40	60	0.1	—	0.2/0.2	medium	granular	trorobite	drilling induced disaggregated trorobite dull cuttings.
-30-												
-40-												
-50-												
-60-												
-70-												
-80-												
-90-												
-100-												
-110-												
-120-												
-130-												
-140-												
-150-												

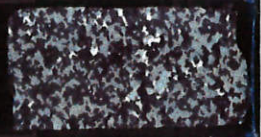
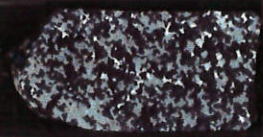

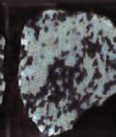
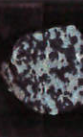
MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1 Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
	1											
	2		31	35	65	0.1	-	0.3/0.3	medium	granular	tracrystic	- Section has foliation.
	3											
	4											
	5		31	35	65	0.1	-	0.3/0.3	medium	granular	tracrystic	
	6											
	7											






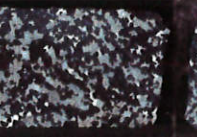


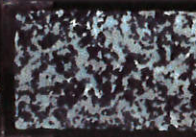
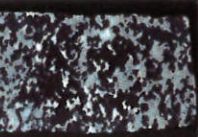




MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	P1	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1											
	2		31	35	65	0.1	-	0.3/0.3	medium	granular	trachytic	-Pc #2. P1-rich vein overlapped by alteration. Section may foliation.
	3											
	4											
	5											
	6											
	7											
	8											
	9											
	10		31	35	65	0.1	-	0.3/0.3	"	"	"	
	11											
	12											
	13											
	14											
	15											
	16		31	35	65	0.1	-	0.3/0.3	"	"	"	
	17											
	18											
												
												
















MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	P1	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
		1	31	35	65	0.1	-	0.3/0.3	Medium	granular	troctite	-PC 3&4 slightly coarser grain
		2										
		3	31	35	65	0.1	-	0.3/0.3	medium	granular	troctite	
		4										
		5										




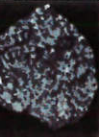
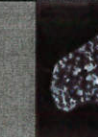
MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	Ox & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1											
	2		29	35	65	0.1	-	0.3/0.1	medium	granular	troctolite	- cpxs occur in small patches
	3											
	4											
	5											
	6		29	35	65	0.1	-	0.3/0.1	medium	granular	troctolite	- cpxs occur in small patches
	7											
	8											
	9											
	9		30	5	60-65 60	30-35 35	-	0.1/0.1	fine	porphyritic granular	ol gabbro	gradational contacts -Pc10 interstitial sulfide.
	9											
	10		31	35	65	0.1	-	0.3/0.3	medium	granular	troctolite	
	11											
												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals				Grain Size	Texture	Principal Lithology	Comments	
				O1 Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)					OX & SULPH Mode (%)
	1											
	2		29	35	65	0.1	-	0.3/0.1	medium	granular	troctolite	- cpxs occur in small patches
	3											
	4											
	5											
	6											
	7											
	8		29	35	65	0.1	-	0.3/0.1	"	"	"	"
	9											
	10											
	11		29	35	65	0.1	-	0.3/0.1	"	"	"	"
	12											
	13											
	14											
												








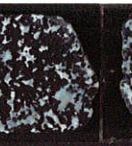

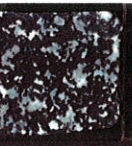






MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	G33	54	46	0.1	-	0.3/0.3	medium-coarse	granular	Troctolite	
	-10-	2	G34	"	"	"	"	"	"	"	"	
		3	G35	"	"	"	"	"	"	"	"	
	-20-	4	G36	"	"	"	"	"	"	"	"	
	-30-	5	G37	"	"	"	"	"	"	"	"	
	-40-											
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											









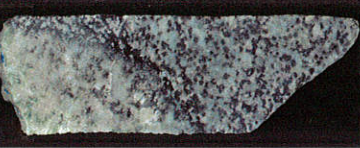



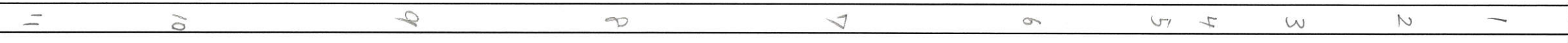
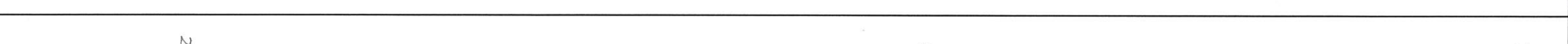

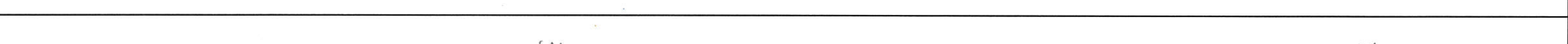

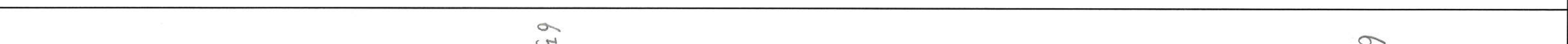


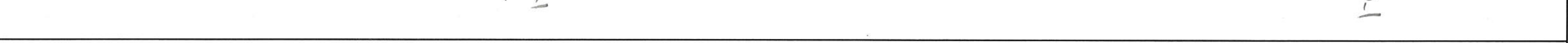



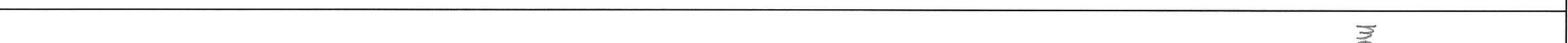


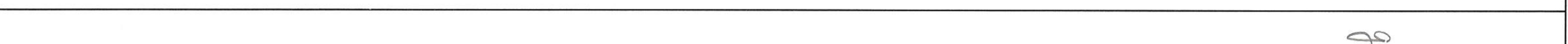


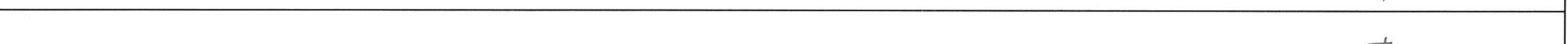









MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	P1	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		29	35	65	0.1	-	0.1/0.1	medium	granular	trachytic	#5-11. P1-rich.
	2											
	3											
	4											
	5		29									
	6			35	65	0.1	-	0.1/0.1	medium	granular	trachytic	✓
	7											
	8											
	9											
	10		29									
	11											
	12											
	13											
	14											
	15											

MAJOR LITHOLOGY:





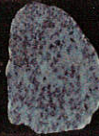























lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		29									# 1, 8, 9, 10, 11, 12 O1 - richer
	2			35	65	0.1	-	0.1/0.1	medium	granular	tracholite	
	3											↓
	4											
	5		29									
	6			35	65	0.1	-	0.1/0.1	medium	granular	tracholite	
	7											
	8											
	9											
	10		29									
	11											
	12											
	13											
	14											
												
												

MAJOR LITHOLOGY:

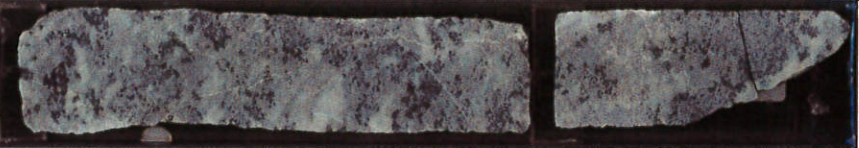
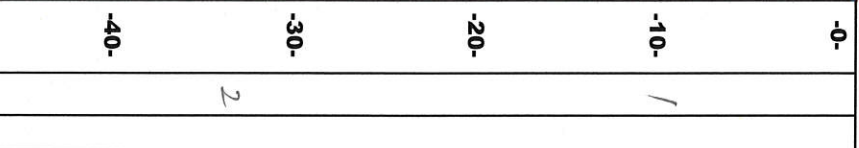
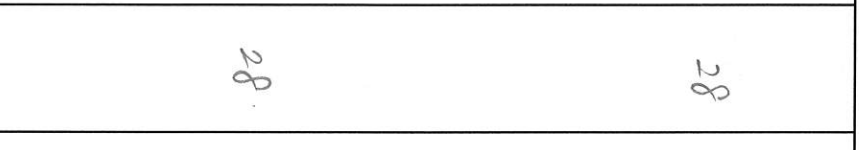
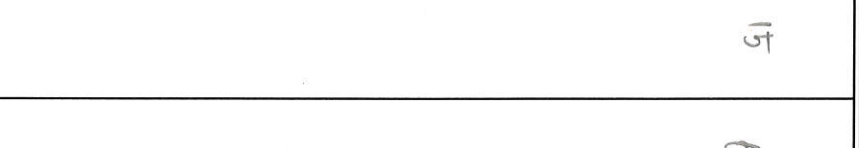
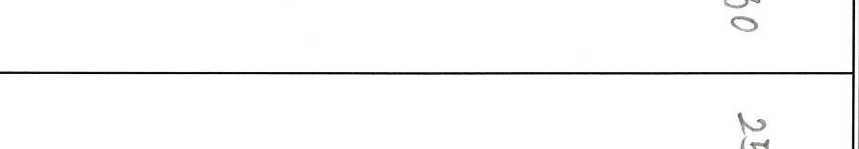
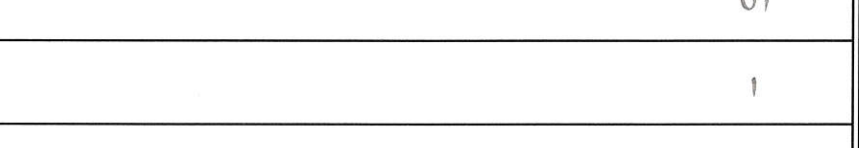



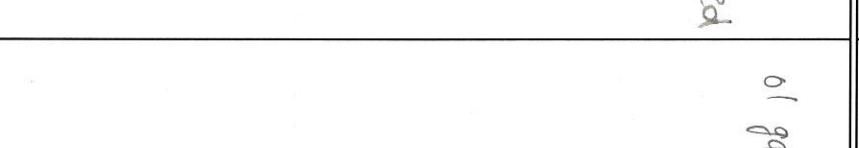
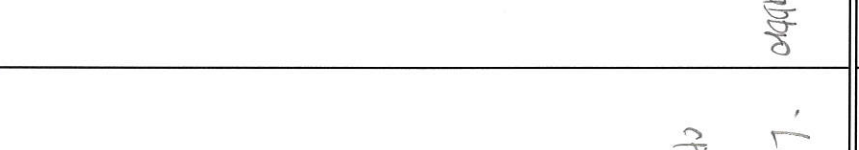


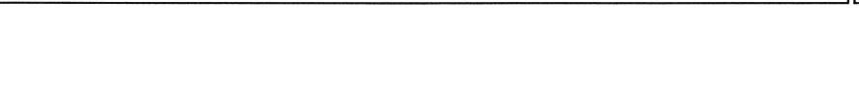
lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		29									
	2			35	65	0.1	-	0.1/0.1	medium	granular	troctolite	anorthositic patches - Pc1 & 9 have
	3											
	4											
	5											
	6		29									
	7											
	8			35	65	0.1	-	0.1/0.1	"	"	"	
	9											
	10		29									
	11											
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												

* PC1
 OI: Max Ave Mode
 7 3 35%
 PI: 8 4 65%
 pc2 & 3
 OI: Max Ave Mode
 5 2.5 45%
 PI: 5 3 55%
 pc 4 & 11
 OI: 5 3 35%
 PI: 7 4 65%


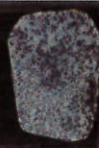
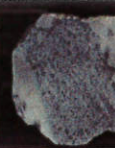
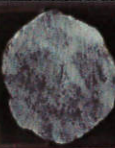
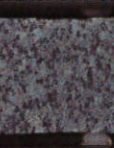

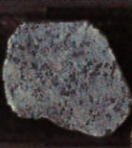
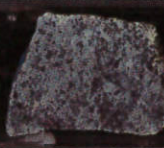







MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments	
				O1	Pl	Pyx (cpx)	Opx	Ox & SULPH					
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
	1		28	20	55	25	0.1	0.1	0.3	coarse	multi textured	ol gabbro	Large poikilitic cpx are common
	2												
	3												
	4												
	5												
	6												
	7		29	30-35	60-65	0.1	-	0.1/0.1		medium	granular	troctolite	pc# 1-3. O1: Max 5 Ave 2.5 40% Pl: Max 6 Ave 2.5 60%
	8			35	65								
	9												
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
	1		28	15	60	25	-	0-1/0.1	coarse	multi textured	ol gabbro	Large poikilitic cpxs are common
	2		28									
												
												
												
												
												
												
												
												
												
												
												
												






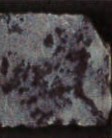

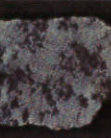
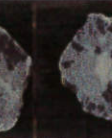


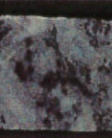
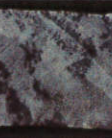
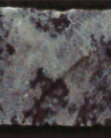
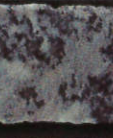

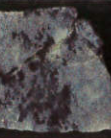



MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH					
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
	1		27	20	55	25	0.1	0.1 / 0.3	coarse	multi textured	of gabbro	- Large poikilitic cpxs are common - Harrisitic o/s are common.	
	2												
	3												
	4												
	5												
	6												
	7												
	8												
	9			10-15	60-65	25	-	0.1 / 0.1	coarse	"	"	- Large poikilitic cpxs are common.	
	10		28	15	60	25							
	11												
	12												
													
													
													

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1 Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
	1		27	20	55	25	0.1	0.1/0.3	coarse	multi textured	ol gabbro	- large porphyritic cpxs are common - Harrisitic o/s are common.
	2											
	3											
	4											
	5											
	6			20	55	25	0.1	0.1/0.3	"	"	"	"
	7											
	8		27									
	9											
	10											
	11											
	12		27									


MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1			20-25	55	25±	-	0.1	medium	granular	ol gabbrd	Large poikilitic cpxs
	2	26		25	55	20						Large poikilitic cpxs
	3		27	15-20	55	30±5	0.1	0.1/0.3	coarse	multi textured	ol gabbrd	Large poikilitic cpxs are common. Harrisitic o/s are common.
	4			20	55	25						
	5											
	6											
	7											
	8		27									
	9											
	10			20	55	25	0.1	0.1/0.3	"	"	"	"
	11											
	12		27									
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											

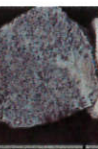
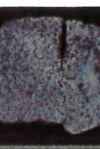
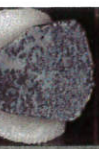

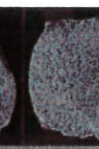
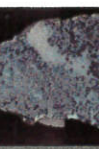
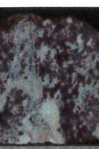

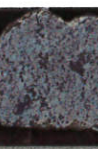

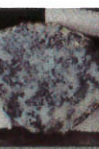

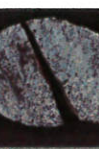
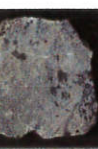







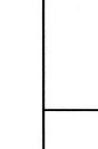
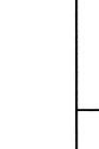

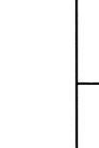
MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		25	20	60	24	1	0.1/0.3	coarse	multi textured	opx-bearing gabbro	-PC 13 & 14 has banding.
	2											
	3											
	4											
	5											
	6											
	7											
	8		25									
	9											
	10											
	11			20	60	24	1	0.1/0.3	"	"	"	"
	12											
	13											
	14		25									
	15											
												
												
												
												
												
												
												
												

MAJOR LITHOLOGY:


lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				OI Mode (%)	PI Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)					
	-0-	1	25	20	60	24	1	0.1/0.3	coarse	Multi textured	opx-bearing ol gabbro	Large poikilitic opxs are common	
	-10-	2											
	-20-	3											
	-30-	4											
	-30-	5											
	-40-												
	-50-												
	-60-												
	-70-												
	-80-												
	-90-												
	-100-												
	-110-												
	-120-												
	-130-												
	-140-												
	-150-												

MAJOR LITHOLOGY:





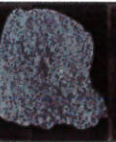
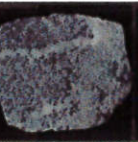
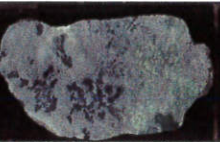
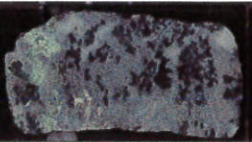



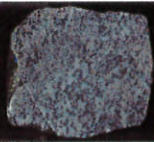

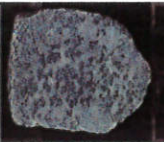

IgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	Pl	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1	25										
	2											
	3											
	4											
	5											
	6											
	7											
	8											
	9											
	10	25										
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											
	21											
	22											
	23											
	24											
	25											

MAJOR LITHOLOGY:

PC8 has
 characteristic OI.
 Large porphyritic
 opxs are common.

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		25									
	2			20	60	24	1	0.1/0.3	coarse	multi textured	oxt bearing ol gabro	- Pcl Large poikilitic cpxs are common.
	-0-											
	-10-											
	-20-											
	-30-											
	-40-											
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											

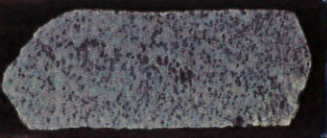


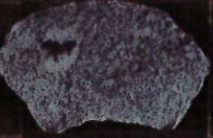

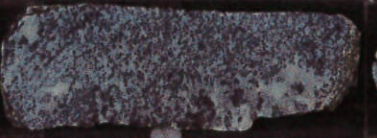





MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1	23	20-30	60	25	0.1	0.1/0.1	medium	granular	ol gabbro		
	2		20	60	20							
	3											
	4											
	5											
	6											
	7	24	15-20	50-55	30±5	-	0.1/0.3	pegmatitic	multi textured	ol gabbro	Pe Tephros harrisitic ol.	
	8		20	50	30							
	9											
	10	25	20	60	25±5	1-2	0.1/0.3	coarse	multi textured	opx-bearing ol gabbro	Large poikilitic cpxs are common.	
	11		20	60	24	1						
	12											
	13											
	14											
	15											

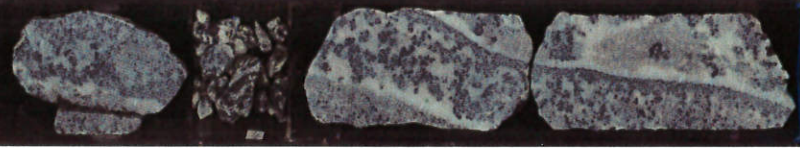
MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				Ol Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)					
	1		20	10	15-10	20	1	2/0.3	coarse	multi textured	ol-bearing gabbro		
	2			10	70	20	1						
	3	21	20	20	55	20-25	1	0.5/0.3	medium	"	"		
	4			20	54	25							
	5												
	6												
	7												
	8	22	5	55	60	30±5	-	0.1/0.1	medium	granular	ol-bearing gabbro		
													
													
													
													
													
													
													
													



MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		18	15	60	20	0	0.1/0.1	medium.	granular.	ol gabbro.	
	2		19	20	50-55	10	1	0.1/0.3	coarse pegmatitic	multi textured	opx-bearing ol gabbro.	Banding.
	3			25	60	15						
	4											
	5											
	6											
	7											
	8											
	9											
	10											
	11											

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	17	22	50	25	3	0.3/0.1	coarse	multi textured	opx-bearing or gabbro	- Banding #5 opx occur in Band.
	-10-											
	-20-											
	-30-											
	-40-	3										
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											


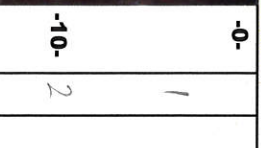
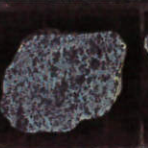




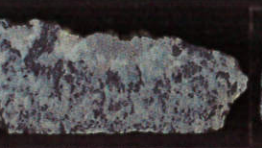





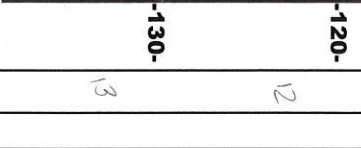
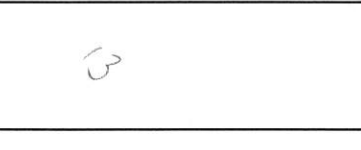
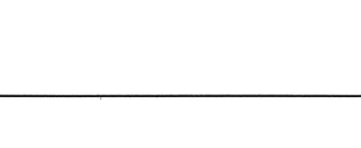
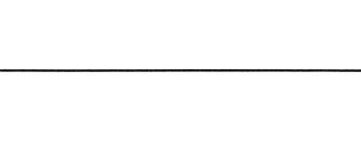
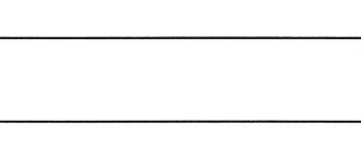

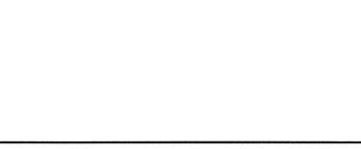


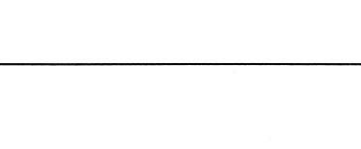


MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	Pl	Pyx (cpx)	Opx	Ox & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		16	15	45-50	25-30	0.1	0.1/0.1	coarse	granular.	ol gabbro	
	2		17	20	50	20±5	1-3	0.3/0.1	"	multi textured	opx-bearing ol gabbro.	Banding - #5 opx occur in band
	3											
	4											
	5											
	6											
	7											
	8		17									
	9											
												
												
												
												
												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments	
				O1 Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)					
	1	13											
	2			15	55	30	1	0.3/0.3	coarse pegmatitic	multi-textured	opx-bearing of gabbro	#7 mini chromite pod Banding	
	3	14		20	50-55	20±5	2-3	0.2/0.1	coarse	granular	opx-bearing of gabbro.		
	4			20	55	23	2						
	5	15		15	70	10±5	1-2	0.1/0.2	pegmatitic	multi-textured	opx-bearing of gabbro.		
	6			15	70	13	2						
	7												
	8												




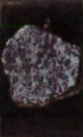
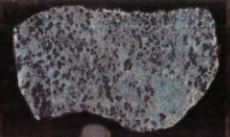



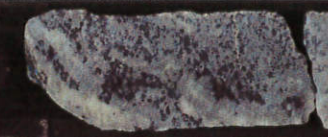
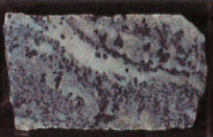



MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	Ox & SULPH					
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
	1		11	10 15	60 65	15-20 20	0.1	0.3/0.1	coarse	granular	or gabbro		
	2												
	3		12	20	55	20-15	1	0.3/0.1	medium	"	opx-bearing or gabbro	#5 has 4% opx	
	4			20	60	20							
	5												
	6												
	7		13	10-15 15	55 55	30±5 30	1	0.3/0.3	coarse pegmatitic	multi texture	opx-bearing or gabbro	#7 with chromite pod. Banding	
	8												
	9												
	10												
	11		13										
	12			15	55	30	1	0.3/0.3	coarse pegmatitic	multi textured	opx-bearing or gabbro	✓	
	13		13										
	14												
	15												
	16												
	17												
	18												
	19												
	20												
	21												
	22												
	23												
	24												
	25												









MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				OI	Pl	Pyx (cpx)	Opx	OX & SULPH					
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
	-0-	1	6	20 20	55-60 60	20 20	0.1	0.3/0.1	coarse	poikilitic granular	ol gabbro	#1 banding	
	-10-	2											
	-20-	3											
	-30-	4	7	10 10	70 70	10-15 20	0	1/0.1	coarse	multi textured	ol gabbro		
	-40-	5											
	-50-	6	8	25-30 30	55 55	15-20 15	0.1	0.3/0.3	medium	"	troctolitic ol gabbro		
	-60-	7											
	-70-	8											
	-80-	9											
	-90-	10											
	-100-	11											
	-110-	12											
	-110-	13											
	-120-	14	9	15 15	55 55	25 26	3 4	0.1/0.3	medium - coarse	"	opx-bearing ol gabbro	-banding	
	-130-	15	10	10 15	60 60	20 25	-	0.1/0.1	coarse	"	ol gabbro		
	-140-												
	-150-												









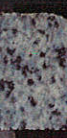










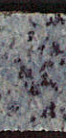



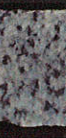
















MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH					
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
	1			15	63	20	2	0.5/0.1	coarse	granular	opx-bearing gabbro		
	2	3											
	3												
	4			20	60	15-20	-	0.1/0.1	medium	granular	ol gabbro		
	5		4	20	60	20							
	6												
													
													
			5	20	60	20	0.5	0.8/0.1	coarse	multi textured	ol gabbro	-#8 contains chromite seam. -#7&8 banding	
	8												
	9												
	10												
													

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI Mode (%)	PI Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
	1		3									
	2											# 4-6. Several aggregates of chromites.
	3		3									
	4			15	63	20	2	0.5/0.1				
	5											
	6		3									
	7											
												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	P1	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		3	15	60-65	20	2-4	0.5/0.1	Coarse	Granular	opx-bearing ol gabbro.	
	2			15	63	20	2	0.5/0.1				
	3											
	4											
	5											
	6											
	7											
	8											
	9											
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											
	21											
	22											
	23											
	24											
	25											
	26											
	27											
	28											
	29											
	30											
	31											
	32											
	33											
	34											
	35											
	36											
	37											
	38											
	39											
	40											

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				O1 Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)					
				10.	60-65	25-30	0.1	0.5/0.1	coarse	granular	ol gabbro		
	1	G20	G21	"	"	"	"	0.1/0.1	"	"	"		
	2	G21	G22	15	60-65	25	-	0.1/0.5	"	"	"		
	3	G22		15	60	25							








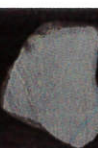
















MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLER	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	Ox & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		G9	1	60-65	30 34	-	0.1/0.1	coarse	poikilitic granular	0-bearing gabbro	
	2		G10	"	"	"	"	"	"	"	"	
	3		G11	15.	60-65	40-45. 32.	1-3.	0.1/0.1	medium	granular	opx-bearing st gabbro	opx in vein.
	4		G12	15	60	25	-	0.1/0.1	coarse	granular.	01 gabbro	
	5		G13	"	"	"	"	"	"	"	"	
	6		G14	"	"	"	"	"	"	"	"	
	7		G15	15	60	30-35	2-3.	0.1/0.1	"	poikilitic granular	opx-bearing 01 gabbro	
	8		G16	15	57	25	3.					
	8		G16	20-25	35-60	15-20.	6.	0.5/0.5	pegmatitic	"	01 gabbro	modal & texture contrast
				20	60.	14.	6					
	9		G11	20.	60-65	25-30	-	0.3/0.1	coarse	"	01 gabbro.	
	9		G11	20	55	25						
	10		G18	"	"	"	"	"	"	"	"	
	11		G18.	"	"	"	"	0.5/0.5	"	"	"	

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH	Mode (%)				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1			15.	60-65	20±5	0	0.1/0.1		Medium to coarse	184 poikilitic granular	ol gabbro	#4 foliated poikilitic granular.
	2		1	15	65	20				Medium to coarse	184 poikilitic granular	ol gabbro	#4 foliated poikilitic granular.
	3												
	4												
	5												
	6												
	7		2	10.	50-55 50	40-45 40	0	0.1/0.1		Medium.	poikilitic granular	ol gabbro	foliated. Oikocrysts present
	8			20. 20	60-65 65	15-20. 15	0.	0.1/0.1		coarse	granular	ol gabbro	#20. opx present (<1%)
	9												
	10												
	11												
	12												
	13												
	14		3										
	15												
	16												
	17												
	18												
	19												
	20												
	21												
	22												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1 Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
			G3.						Very fine		sand	G301 -10% R 5/1. (color) - Granular sand. C. present - Poorly sorted
			G4.						fine to coarse		Gabbroic coarse sand	- Poorly sorted
			G5.						cobbles		Gabbroic rubble	
			G6	8	40.	25-30	0	0.1/0.1	medium.	potholitic granular.	01 Gabbro	11 pieces 2 pcs are alteration vein
			G7	15-20 20	40-45 48	30-35 30	1-3 2	0.1/0.1	coarse	ophanitic	oph-bearing of gabbro	
			G8.	1-2	1	1	1	0.1/0.1	less than fine grain	ophanitic	Sparsely phytic Basalt.	ground mass Pl
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments	
				OI	PI	Pyx (cpx)	Opx	OX & SULPH						
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)						
			G1								very fine		silty sand	- 7.5 YR brown 4/4 (color) - lighter areas of silty sand. - color contact.
			G2.								very fine		silty sand	- Gley / Y/10Y

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
				10-15	50	40	-	0.5/0.5	fine	ophitic	ol dolerite	
	1		G1	10	50	40	-		fine	ophitic	ol dolerite	
	-10-	2	G2	"	"	"	"	"	"	"	"	
		3	G3	10-15 10	0.1	-	-	0.5/0.1	less than fine	phenocritic	ol highly phytic basalt.	ground mass.
	-20-	4	G4	10	50	40	-	0.5/0.5	fine	ophitic	ol dolerite	
	-30-											
	-40-											
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
-0-	1		11	10-15	50	40	0	0.5/0.1	Fine	ophitic	ol/dolerite	Ground mass present.
-10-	2		12	10	-	-	0	0.5/0.1	less than fine	phaneritic	ol - highly phitic basalt	Ground mass present.
-10-	3		13	1-2	-	<1	-	0.1/0.1	"	aphenitic	ol - spersly phytic basalt	ol is micro-phenocryst Ground mass aphyric pc 4 is aphyric
-20-	4			-	-	-	-					Bin 9 has
-20-	5			<1	55-60	40	-	1.5/0.1	Fine	sub ophitic	dolerite	aphyric basalt piece
-30-	7		14	0.1	59	40	-					
-40-	10											
-40-	8											
-40-	9											
-50-	11		15	0	0	0	0	0.1/0.1	fine less than fine	aphyric	aphyric basalt	Ground mass.
-50-	12		15	0.1	60	40±	1-2	0.1/0.1	fine	ophitic	dolerite gabbro.	opx present
-60-												
-70-												
-80-												
-90-												
-100-												
-110-												
-120-												
-130-												
-140-												
-150-												

MAJOR LITHOLOGY:


lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1	10	15	0.1	-	-	0 1/0.1	fine-grained	phaneritic	olivine-highly pyritic basalts	*Continue interval 10 from N-2R	
	2											
	3											
	4											
	5											
	6											
	7											
	8											

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
	1		10.	15.	0.1	-	-	0 1/2 - 1	fine grain.	plagioclitic	olivine highly pyritic basalts	Piece 3 less amount of ol. (WMS)
	2											
	3											
	4											

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	1	7-10	1	-	-	0.1/0.1	less than five grain	phaneritic	Olivine moderately phytic basalt.	
		2		5-15	1	-	-	0.1/0.1	"	aphytic	Olivine phytic basalt.	ol' ground mass.
	-10-	3	2	>2	0.1	-	-	0.1/0.1	cryptocrystalline	phaneritic.	Olivine sparsely phytic basalt	ground mass
		4	3	10	5	-	-	0.1/0.1		phaneritic.	Olivine sparsely phytic basalt	
	-20-	5	4	10-15	0.5	-	-	0.1/0.1	"	"	Olivine moderately phytic basalt.	
		6		10	-	-	-	-	"	"	moderately phytic basalt.	
	-30-	7	5	>3	1	-	-	0.1/0.1	"	aphytic.	Olivine sparsely phytic basalt.	ground mass
		8	6	20	0.5	-	-	0.1/0.1	fine grain.	phaneritic.	Olivine highly phytic basalt	
	-40-	9										
	-50-	10										
	-60-	11	7	15-20	0.5	-	-	0.1/0.1	"	"	Olivine moderately phytic basalt	ground mass.
		12	8	15-20	-	-	-	0.1/0.1	"	"	Olivine highly phytic basalt	"
	-70-	13	9	3	-	-	-	0.1/0.1	aphanitic	aphanitic	Olivine sparsely phytic basalt	"
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
			45									

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments										
				OI	PI	Pyx (cpx)	Opx	OX & SULPH														
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)														
			G2									fine to medium.									Sand (Greenish black).	Color TS 5G 2/1.
			G3									very fine									sand	Color TC 5G 2/1 (Greens), black)
			G4									Coarse to very coarse									Sand/ pebble.	Includes artings basaltic

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments									
	OI			PI	Pyx (cpx)	Opx	Ox & SULPH															
	Mode (%)			Mode (%)	Mode (%)	Mode (%)	Mode (%)															
			G1																			

MAJOR LITHOLOGY:

Sand
- Gradent in grain size (downward coarsening)

lgPet	Piece #	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
	SAMPLES		OI	PI	Pyx (cpx)	Opx	OX & SULPH				
			Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
-0-											
-10-		G1						Very fine (less than 1/16 mm in diameter)		Sand	* Color is 5F 2/1 (Greenish black) * Gradient in grain size (very fine in top downward coarsening)
-20-											
-30-											
-40-											
-50-											
-60-											
-70-											
-80-											
-90-											
-100-											
-110-											
-120-											
-130-											
-140-											
-150-											

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI Mode (%)	PI Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
-0-			41									
-10-												
-20-												
-30-												
-40-												
-50-												
-60-												
-70-												
-80-												
-90-												
-100-												
-110-												
-120-												
-130-												
-140-												
-150-												

Very fine
(less than 1mm
in diameter)

sand

Color is 5GY 4/1
(Dark greenish Gray)

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				





Crystals like staining

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1 Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	Ox & SULPH Mode (%)				
			3 G75									fine to coarse
	-0-											Mix of sands, pebbles & cuttings.
	-10-											Fragments of
	-20-											basalts, diorites
	-30-											& gabbros.
	-40-											
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
-100-												
-110-												
-120-												
-130-												
-140-												
-150-												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
			2 G74									-Brown clay-mixed with sands. (probable). Grain size of sands are fine
												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI Mode (%)	PI Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
-0-			673 /									//
-10-												
-20-												
-30-												
-40-												
-50-												
-60-												
-70-												
-80-												
-90-												
-100-												
-110-												
-120-												
-130-												
-140-												
-150-												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
			1 973									Mix of sands & cuttings - Grain size of coarse to fine - Fragments are basalts & gabbros. (heavily altered)

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH	Mode (%)				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
	-0-	1	87.	50	35	2-3	-	0.3/0.	medium	granular	troctolite	Pc 2. has modal contact.	
	-10-	2	87.	49	49.	2	-		medium	granular	troctolite	Pc 2. has modal contact.	
	-20-	3											
	-30-	4	88									Original mode indetermined. Possibly	
	-40-	5										possibly troctolite - ol-gabbro.	
	-50-	6											
	-60-	7											
	-70-	8	89	15-20	60	0	0	0/0.1	fine	granular	troctolite	Pc 10 modal amount of ol is higher	
	-80-	9	89	30	70.				fine	granular	troctolite	modal amount of ol is higher	
	-90-	10											
	-100-	11											
	-110-	12	90										
	-120-	13	91	20	70	10.	-	0/0.1	fine-medium	granular	ol-gabbro	Original mode indetermined possibly	
	-130-	14	91										
	-140-	15	92										
	-150-												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments		
				Ol	P1	Pyx (cpx)	Opx	Ox & SULPH							
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)						
	-0-	1	G65	2	2	2	68	30	30	0	0.1/0.	fine	granular	Ol-bearing gabbro	
	-10-	2	G66	10-15	40-50	40-45	45	40	0	0.1/0.5	pegmatitic	granular	olcryst gabbro.		
	-20-	3	G67	20.	45-50	3.	3	3	-	0.1/0.	coarse	granular	trachytic		
	-30-	4	G68	5	60	25	40	30	-	0.1/0	medium	granular	Ol gabbro.		
	-30-	5	G69	20-25	50	30	20	30	-	0.5/0.	medium	granular	olcryst-bearing gabbro	Py olcryst rock type as igneous contact.	
	-40-	6	G70											Cement	
	-40-	7	G71											"	
	-50-	8	G72											Cataclastic	Chromian spinels are included.
	-60-														
	-70-														
	-80-														
	-90-														
	-100-														
	-110-														
	-120-														
	-130-														
	-140-														
	-150-														














MAJOR LITHOLOGY:



lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	Ox & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
0-			G59	7	—	—	—	0.1/0	less than fine-grain	porphyritic	oligine moderately pyric basalt	ol-pyric
			G60								breccia	altered troctolite(?).
			G61								breccia	altered troctolite(?).
			G62	80 ⁹⁰	20 ⁴⁰	0	0	0.1/0	medium	granular	troctolite	
			G63	¹⁰ 50	⁴⁰ 50	1	0	0.1/0	medium to coarse	granular	troctolite	
			G64	5	—	—	—	0.1/0	less than fine-grain	porphyritic	breccia	ol moderately pyric basalt
-10-												
-20-												
-30-												
-40-												
-50-												
-60-												
-70-												
-80-												
-90-												
-100-												
-110-												
-120-												
-130-												
-140-												
-150-												






MAJOR LITHOLOGY:

lgPet	Piece #	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
			O1	Pl	Pyx (cpx)	Opx	Ox & SULPH				
			Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1	80	30-30 30	30 35	35 35	0	0/0.1 0/0.1	medium	poilititic-granular	Cpx-orthopyrox bearing troctolite host?	
	2	81	40-50 49.5	50 50	0.5 0.5	-	0.1/0.1 0.1/0.1	coarse	granular	troctolite Ghost?	
	3	82								breccia Ghost?	
	4	83	10 25	75 75	0 0	0	0.1/0.5 0.1/0.5	medium	granular	troctolite	
	5	84	10-30 22	65-70 70	7-8 8	-	0.1/0.1 0.1/0.1	fine to medium	granular	olivine gabbro high alteration	
	6	85								breccia olivine-phiric basalt, clast	
	7	86	22	75	8	-	0.1/0	medium	granular	olivine gabbro	
	8										
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											
											

MAJOR LITHOLOGY:

lgPet	Piece #	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
			O1	P1	Pyx (cpx)	Opx	OX & SULPH				
			Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	80.	-	-	-	20/0.1	medium	granular	chromite	
	-10-	2	10.	65.	25.	-	21/0.1	medium	granular	ol-gabbro	complete alteration.
	-130-										
	-140-										
	-150-										

MAJOR LITHOLOGY:

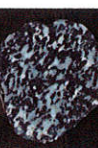












lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI Mode (%)	PI Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
	1		79.	30	65	5	-	0-1/0.1	medium	granular	ol-gabbro	high to complete
	2											
	3											

MAJOR LITHOLOGY:

IgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		77.								actinolite	
	2		78	60	0.1	-	-	40/0.1	fine -medium.	granular	chromite	
	3											
	4		79.	40-50	45-65	5-6.	-	0.1/0.1	medium	granular	ol-gabbro	high to complete
	5			30	65	5.						
	6											
	7											
	8											
	9											
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	45	45	1	0	0.5/0.1	coarse	granular	troctolite	sight to complete.	
	-10-	2										
		3										
	-20-											
	-30-											
	-40-											
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											


MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	Ox & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		74	45	54	1	0	0.5/0.1	medium - coarse	granular	troctolite	slight alteration
	2											#6 mini chromite psd
	3											
	4											
	5											
	6											
	7											
	8											
	9		75								catoclaene	basalt clast
	10											
	11		76	40-50	45-50	1	0	0.5/0.1	coarse	granular	troctolite	slight to complete
	12											
	13											
	14											
												
												
												
												
												
												
												
												




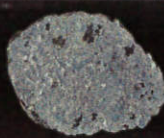















MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	68.	40-50	45-50	1-2	0	0.1/0.1	Medium	granular	troctolite	highly to completely altered
	-10-	2		45	54	1			Medium	granular	troctolite	highly to completely altered
	-20-	3										moderately altered
	-30-	4	69.	5-7.				0.1/-	fine grain.	porphyritic	ol-Pyritic basalt	highly altered
	-40-	5	70.	40-50	50	0	0	0.1/0.1	Medium	granular	troctolite	highly to completely altered
	-50-	6		50	50							altered
	-60-	7										
	-70-	8										
	-80-	9	71.	58	2	-	-	140/0.1	fine	granular	chromitite	highly altered
	-90-	10	72.	40-50	45-50.	0.5	-	0.5/0.1	medium	granular	troctolite	#13A trace opx alteration varies slight to complete
	-100-	11		50	50				medium coarse			Oxides are mostly spl.
	-110-	12										#12.
	-120-	13										Slightly rich in cpx.
	-130-	14										Modal layer is sub vertical.
	-140-	15	73.	"	"	"	"	"	"	"	"	More pl rich part - shape of olivine is skeletal in pl rich part
	-150-	16										





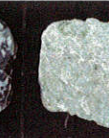
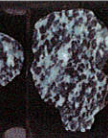
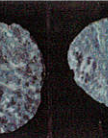









MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				OI	Pl	Pyx (cpx)	Opx	OX & SULPH					
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
													
-10-	1		G55	5	95	—	—	0.1/0	medium grained	globular	Oliv-bearing orthosite	highly altered	
	2		G56	0.5	0.5	—	—	—	less than fine-grained		basalt	veined	
-20-													
-30-													
-40-													
-50-													
-60-													
-70-													
-80-													
-90-													
-100-													
-110-													
-120-													
-130-													
-140-													
-150-													


MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLER	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	Ox & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		G46	10-15. 15	50	35. 35	—	0/0.1	medium	porphyric granular	diabase-bearing trachyte	—
	2		G47	"	"	"	"	"	"	"	"	—
	3		G48	2-3. 2.	50 48	50-55 50	—	0.1/0	medium	granular	diabase-bearing gabbro	moderate alteration
	4		G49	"	"	"	"	"	"	"	"	"
	5		G50	"	"	"	"	"	"	"	"	"
	6		G51	10-15. 15	50	35. 35	—	0/0.1	medium	porphyric granular	alkalyl-bearing trachyte	moderate - high alteration
	7		G52	5-15. 10.	50 45	45. 45	—	0/0.1	medium	granular	diabase	highly altered.
	8		G53	"	"	"	"	"	"	"	"	"
	9		G54	10	40.	50	—	0/0.1	medium	porphyric granular	*Olivocyst gabbro.	"
												
												
												
												
												
												
												
												
												
												





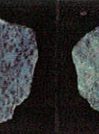
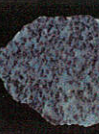



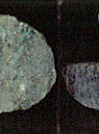






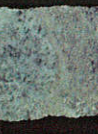

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		25-65	25-30 25	50-60 50	25-30 25	-	0.1/0.1	medium course	granular	olivine-gabbro	* cpx wrapping around olivine
	2		25-66				-		course	granular	troctolitic	- plagi varies from 45-65% - cpx varies from 0-2% - ol varies from 50-60%
	3											- alteration is complete in piece 4 and high in piece 7 & 8.
	4											
	5											
	6											
	7											
	8											
	9											
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											
	21											
	22											
	23											
	24											
	25											
	26											
	27											
	28											


MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1 Mode (%)	P1 Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
			2H 64.	10	60	30	-	0.1/0.1	medium	granular	ophiroid granitic	




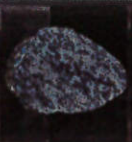

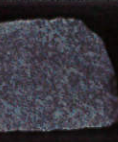

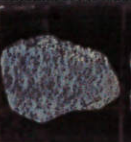













MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments	
				OI	PI	Pyx (cpx)	Opx	OX & SULPH						
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)						
	-0-	1							0	1/0.1	medium-coarse	granular	troctolite	- plagioclase from 65-75%, - ol ranges from 30-50%.
	-10-	2												
	-10-	3												
	-20-	4	234 62	30	70									- alteration is moderate to complete
	-30-	5												
	-40-	6												
	-40-	7												
	-50-	8												
	-50-	9	24 63	5-10	55-60	30			0.1/0.1		medium	granular	olivine gabbro	
	-60-	10												
	-80-	11												
	-90-	12												
	-100-	13		25-40	50-55	25			0.1/0.1					* piece 13 has up to 20% olivine
	-110-	14		5-10	55-60	30			0.1/0.1				olivine gabbro	
	-120-	15												
	-130-	16												
	-140-	17												
	-150-	18												





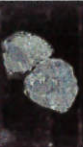

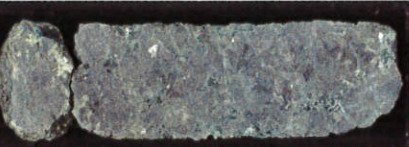






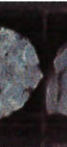

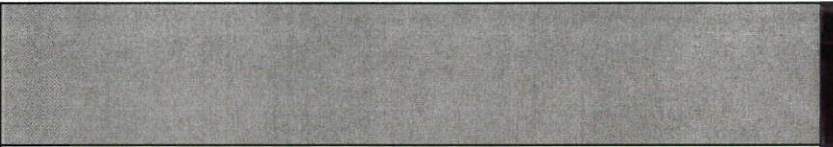
MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH					
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
	1								0.1 to 1	medium-coarse	granular	trachyte	- plug varies from 50-70%.
	2			40	50	10							- cpx varies from 0-20%.
	3		34 61										- ol varies from 40-60%.
	4												- 0.1% opx in piece 4
	5												
	6												
	7												
	-0-												
	-10-												
	-20-												
	-30-												
	-40-												
	-50-												
	-60-												
	-70-												
	-80-												
	-90-												
	-100-												
	-110-												
	-120-												
	-130-												
	-140-												
	-150-												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1			35	45±5	5-10	—	0/0.1	medium-coarse	granular	tracholite	-bl varies from 30-50%. -plag varies from 45-65% -cpx varies from 5-30%.
	2		23 58	40	50	10	—	0/0.1			tracholite	*pieces 4, 5, 6 show foliation
	3											
	4											
	5											
	6											
	7		23 60.	30	65	5	—	0/0	medium-coarse	granular	tracholite	
			23 59	10	60	30	—	0/0.1	Fine	granular	olivine-gabbro	
												
												
												
												
												
												
												
												
												
												
												
												
												







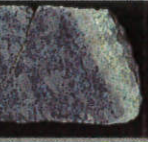


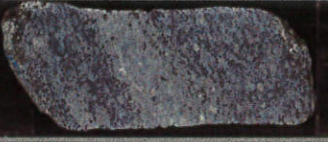
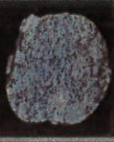

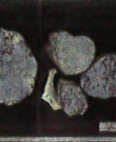


MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				Ol	Pl	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		51	5-10	65	25±5	3	0/0.1	Medium	granular	6px-bearing ol-gabbro	
	2		51 51	15-20	45	25-30	-	0/0.1	medium-coarse	poorly granular	cpx-olivine bearing troctolite	
	3		53 53	2	70	25±5	-	0/0	medium	granular	ol-bearing gabbro	
	4		54 54	15-15	35	40±5	-	0/0	medium-coarse	poorly granular	olivine-bearing ol-gabbro	* changed to olivine-bearing ol-gabbro
	5		55 55	5	65	30-35	-	0/0.1	coarse	granular	ol-bearing gabbro	
	6											
	7		55 55									→ higher amount of ol → 10%
	8											→ highly altered
	9											
	10											
	11											
	12											
	13											
	14		56	0.1	0.1						olivine-bearing	
	15		57 57	5-10	60	25	5	0/0.1	coarse	granular	olivine-bearing ol-gabbro	→ olivine-bearing distribution
												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	3# 45									* same as piece 13 in 8R-2A
	-10-	2										
	-10-	3										
	-10-	4	2# 46	10	50	40-50	-	0/0.1	medium-coarse	pele-gran.	* orthocrypt gabbro	
	-20-	5	2# 47	20-40	55	15-20	-	0/0.1	medium-coarse	poik-gran.	cpx-orthocrypt bearing troctolite	
	-30-	6		5-10	60	45-50	-	0/0.1	medium	granular	ol-bearing gabbro.	
	-40-	7	2# 48	5	50	45	-	0/0.1				ol-rich high ol in piece 8
	-50-	8										* layers @ 38cm, 44
	-60-	9	2# 49	30	50	20	-	0/0.1	medium-coarse	poik-granular	cpx-orthocrypt bearing troctolite	
	-70-	10										
	-80-	11										
	-80-	12	2# 50	5	50	45	-	0/0.1	medium	granular	ol-bearing gabbro	
	-90-	13										} coarser grained, (13-14) ol-richer
	-100-	14										
	-110-	15										
	-120-											
	-130-											
	-140-											
	-150-											

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH					
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
	1		24 41 continued	25	50	25	-	0/0.1	medium	pothole granular	cpx - orth. bearing feldspar	- alteration moderate + high → high or piece 5-7 → piece 1b - no olivine crystals texture = subophitic	
	2			"	"	"	"	"	"	"	"		
	3			"	"	"	"	"	"	"	"		
	4			"	"	"	"	"	"	"	"		
	5			"	"	"	"	"	"	"	"	- piece 5 - same texture as piece 1b	
	6			"	"	"	"	"	"	"	"		
	7			"	"	"	"	"	"	"	"		
	8			"	"	"	"	"	"	"	"		
	9			"	"	"	"	"	"	"	"		
	9		24 42	1-2 1	70 59	50-40 40	-	0/0	medium	granular	ol-bearing gabbro	* highly altered	
	9				50	35±5	-	0/0.1	medium	granular	clinopyroxene gabbro		
	10		24 43 43	15	50	35			fine-medium	granular	two feldspar		
	11												
	13		24 44 44	30	70	0	-	0/0.1	fine-medium	granular	two feldspar		
	13												












MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	21g 33	0.1	55	45	-	0.1/0.1	fine-medium	granular	gabro	high alteration
	-10-	2	21h 34	5-10	70	30	-	0/0.1	medium	granular	olivine gabro	
	-20-	3	21i 35	25	50	25-30	-	0/0.1	medium	poik-granular	qpx-oliv. bearing troctolite	
	-30-	4	21j 36	10	50-55	50	-	0.1/0	medium	granular	olivine gabro	
	-40-	5	21k 37	30	40	40	-	0/0.1	fine-grained	poik-granular	qpx-oliv bearing troctolite	*fine grained w/ coarse qpx-oliv
	-50-	6		20	50	30	-	0/0.1	fine-grained	poik-granular		→ piece 9, 2-49, 01
	-60-	7										→ pieces 6-13 show degrees of alteration
	-70-	8										
	-80-	9										
	-90-	10	21l 38	15	30	55	-	0/0	medium-coarse	poik-granular	*poikocryst gabro	-qpx foliation
	-100-	11										
	-110-	12										
	-120-	13										
	-130-	14	21m 39	20	60	20	-	0/0	fine-medium	granular	olivine gabro	
	-140-	15	21n 40	25	50	25	-	0/0.1	medium	poik-granular	qpx-oliv bearing troctolite	
	-150-	16										

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0- ¹⁶	1	G16	2	60	35	-	0/0	Medium	Granular	Ol-bearing Gabbro	highly altered.
		2	G17	5	60	20	-	0/0	Medium	"	"	"
	-10-	3	G18	2	50-55	45-50	-	0/0	Medium	"	"	"
	-20-	4	G19	2	50-55	50-45	-	0/0	fine-Medium	"	"	"
	-30-	5	G20 G21 G21	25-30 30 5	50-55 50 30	20 20 45	0 0	0/0.1 0/0	Medium coarse	" poikilitic granular	troctolite Ol-bearing Ol-gabbro	foliated. Opx (?) complete alteration
	-40-	6	G22	5-10 10	70-75 75	15	-	0/0.1	-	-	Ol-gabbro	
	-50-	7	G23	15-20 20	60 60	15-15 20	-	0/0.1	Medium	poikilitic granular	Ol-bearing troctolite	
	-50-	8	G24	15-20 11	60 11	11	11	0/0.1	"	"	"	
	-60-	9	G25	10-20 15	55-60 55	30 30	-	0/0.1	"	"	"	
	-70-	10	G26	15	60	25	-	0/0.1	"	"	"	
	-80-	11	G27					0/0.3	Medium	granular	breccia Ol-bearing Gabbro	
	-80-	12	G28	1-2 2	50 49	50 49	-	0/0.3	Medium	poikilitic granular	Cpx-bearing troctolite	* changed to ol-bearing gabbro
	-90-	13	G29	10-15 10	60-65 50	45-40 40	-	0/0.1	Medium	poikilitic granular		
	-90-	14	G30	10-15 10	60 60	30-40 30	-	0/0.3	Medium	"	"	brecciated
	-100-	15	G31	10-20 15	60-65 60	25-30 25	-	0/0.1	Medium - coarse	"	"	
	-110-	16	G32	"	"	"	"	"	"	"	"	foliation.
	-130-	17	G33	"	"	"	"	"	"	"	"	"
	-140-	18	G34	1-2 2	60-65 65	30±5 33	-	0/0.1	coarse	granular	Ol-bearing gabbro	
	-150-											

MAJOR LITHOLOGY:


lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	Q5	10-15	60	20	1	-1	medium	poilc-gran.	cpx-olc bearing ol-gabbro	
	2		Q6	5	55-60	30-35	0	-1	medium	granular	ol-gabbro	
	3		Q7	15-25	50	15-20	0	-10.1	medium	seriate	cpx-olc bearing	
	4		Q8	25	55	20	0	-10.1	medium	"	"	fractolite
	5		Q9	25	55	20	0	-10.1	"	"	"	
	6		Q10	—	—	—	—	—	—	—	—	
	7		Q11	1-2	75	20-25	0	0.1/0.1	medium	granular	ol-bearing gabbro	
	8		Q12	1-2	65-70	20-25	0	-10.1	medium	granular	ol-bearing gabbro	
	9		Q13	10-15	60-65	15	0.1	-10.1			(px-olc bearing) ol-gabbro	
	10		Q14	15	65	20	0	-1	"	"	"	
	11		Q15	15-20	50	20-25	0	-1	"	"	cpx-olc bearing tracholite	
	-40-											
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	#15	0	75	25	0	0.1/0.1	med-coarse	granular	gabbro	complete alteration
	5	2		5-10	65	30-35	0	0/0.2	Medium	granular	ol-gabbro	
	-10-	3	#16	5	65	30	0					
	12	4	#17	3	60-70	30-25	1	0.1/0	Medium	granular	ol + opx bearing gabbro	
	-20-	5	#18	0.1	55-60	45-50	0	0.1/0	fine med.	granular	gabbro	
	6-28			5-20	50-60	25-20	0	-/-	Medium-coarse	seriate / poik-gwr.	opx-ol bearing fractoitic gabbro	foliation
	-30-		#17	15	60	25	0					
	8		#19	0.1	55-60	40-45	0	0.1/0.1	medium	seriate / poik-gwr.	opx-ol bearing gabbro	
	-40-	9	#20	0.1	60	40	0					
	10		#21	10	65	25	0	0/0.1	medium-coarse	seriate / poik-gwr	opx-ol bearing gabbro	
	-50-	11a		5-10	60-65	25	0	0/0.1	medium-coarse	seriate / poik-gwr	opx-ol bearing gabbro	
	11b			0.1-3	70-75	25-5	0.1	0/0.1	Medium-coarse	granular	ol-bearing gabbro	
	-60-	12		20-30	60	15	0	0/0.1	Medium	seriate / poik.		
	13		#21	20-30	60	15	0	0/0.1	Medium	seriate / poik.		
	-70-	14	#22	0.1-3	70-75	25-5	0.1	0/0.1	Medium-coarse	granular	ol-bearing gabbro	
	15		#23	2	73	25	0	0/0.1	Medium-coarse	granular	ol-bearing gabbro	
	-80-	16	#24	20-25	60	25-30	0	0/0.1	Coarse	seriate	opx-ol bearing fine	
	17a		#25	20	55	25	0		Coarse	seriate	opx-ol bearing fine	
	-90-	18	#26	3	70	27	0	0/0.1	Coarse	granular	ol-bearing gabbro	
	-100-	19	#27	5	60-65	25-30	0.15	0/0.1	Coarse	granular	olivine-gabbro	
	17c		#28	5	60	25	10	0/0.1	Coarse	granular	opx-ol bearing gabbro	
	-110-	20	#29	10	65	25	0	0/0.1	Coarse	granular	opx-ol bearing gabbro	
	13b		#30	10	65	25	0	0/0.1	Coarse	granular	opx-ol bearing gabbro	
	-120-	21	#31	10	65	25	0	0/0.1	Coarse	granular	opx-ol bearing gabbro	
	14		#32	10	65	25	0	0/0.1	Coarse	granular	opx-ol bearing gabbro	
	-130-	22	#33	10	65	25	0	0/0.1	Coarse	granular	opx-ol bearing gabbro	
	15c		#34	10	65	25	0	0/0.1	Coarse	granular	opx-ol bearing gabbro	
	-140-	23	#35	10	65	25	0	0/0.1	Coarse	granular	opx-ol bearing gabbro	
	144		#36	10	65	25	0	0/0.1	Coarse	granular	opx-ol bearing gabbro	
	-150-	24	#37	10	65	25	0	0/0.1	Coarse	granular	opx-ol bearing gabbro	

MAJOR LITHOLOGY:

*changed to ol-bearing gabbro

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	FG1 FG2 FG3 FG4	0.1	0.1	50			U.S. star fine grained Fine Fine	porphyritic granular granular	ophyritic basalt olelenic olelenic 223 pebble basaltic lithology	basaltic 223 pebble pieces of basaltic lithology
	-10-											
	-20-											
	-30-											
	-40-											
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											


MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	Pl	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	0		#23	01-2	60	30	0	0/0.1	med coarse	granular	olive-bearing gabbro	
	1		#23	2	68	30	0	0/0.1	med	granular	olive-bearing gabbro	
	2	X	#24	30-00 28	70-35 68	10-25 4	0	0/0.1	med	poikilitic granular	SPX-bearing hypoclastic Anorthositic Gabbro	greenish St foliated #19 Trachitic
	3		#25	-	70-75 80	10-25 20	0	0/0				
	-10-											
	-20-											
	-30-											
	-40-											
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	P1	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		# 9.	65	90	15	—	0.1/0.1	Medium	po. kinetic granular	oliv-gabbro	high anorthositic
	2	X	# 10.	25	55-60	30±	0	0.1/0.1	Coarse	po. kinetic granular	olivine-gabbro	foliation + po. kinetic pyx
	3		# 12.	9	60	25	10	-/0.1	medium	granular	olivine-gabbro	olivine-gabbro
	4		# 13.	0	60	20	0	0.1/0.1	med - coarse	po. kinetic granular	olivine-gabbro	
	5		# 14.	5-7	60-65	20	3-4	0.1/0.1	med	granular	Opx-bearing olivine gabbro	
	6	b	# 15.	20	70	10	0.1	0/0.1	med - coarse	granular	olivine-gabbro	foliation TS# 21/olivine gabbro
	7		# 16.	5-7	60-65	25	5-10	0/0.8	medium	granular	olivine-bearing gabbro	foliation TS# 22
	8	X	# 17.	10-15	55-60	15-20	0.1	0/0.8	medium	granular	olivine-gabbro	foliation
	8	X	# 18.	40-50	54-70	5	0	0/0.8	coarse	granular	troctolite	foliation
	8	X	# 19.	2-5	60	20	15	0/0.5	medium	granular	olivine-bearing gabbro	
	8		# 20.	10-15	60-65	20	0	0/0.8				
	9		# 21.	10-12	50-60	20	10-15	0/0.8	med	granular	olivine-bearing gabbro	
	9		# 22.	2	55	20	15	0/0.1	med	granular	olivine-bearing gabbro	TS# 23
	10		# 23.	2	55	43	0.1	0/0.1	med	granular	olivine-bearing gabbro	TS# 23
	11			11	65	20	4				olivine gabbro	foliation
	12											

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	P1	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
												
-0-	1		1	70	20	3	0.1/0.3	Medium	granular	gabbro	TS #11 bearing Opx - bearing gabbro comment per 2 has less plag ~ 40%	
-10-	2	missing	7	70	20	3		Medium	granular	gabbro		
-10-	3	missing	7	70	20	3		Medium	granular	gabbro		
-10-	4	missing	7	70	20	3		Medium	granular	gabbro		
-20-												
-30-												
-40-												
-50-												
-60-												
-70-												
-80-												
-90-												
-100-												
-110-												
-120-												
-130-												
-140-												
-150-												

Intervals are the same number with new description.

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	Missing	10	59	30	0.1	0.1 / 0.8	Medium	granular	olivine-gabbro	
	-0-	2	Missing	0.1	50	50	0.1	0.1 / 0.1	Medium	granular	gabbro	
	-10-	3	Missing	20	65	15	-	0.1 / 0.1	Medium	porphyritic-granular	olivine-gabbro	trichteritic - TS# 6 olivine-cpx gabbro
	-10-	4	Missing	10	70	17	3	0.1 / 0.5	Medium	granular	olivine-gabbro	olivine-cpx gabbro dark piece
	-20-	5	Missing	0.1	65	35	-	0.1 / 0.1	Medium	granular	gabbro	gabbro TS# 5
	-30-	#5 continued	Missing	0.1	29	70	1	0.1 / 0.1	Medium	granular	gabbro	light piece -
	-40-											
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											






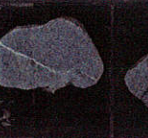

Intervals are the same number with new description.

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	Ox & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	-0-	1	1. 8 MISSING	5	90	5	-	0.1 0.1	medium	granular	Amphibolite gabbro	Ø-bearing Plagioclase-rich oxide & sulfide present
	-10-	2	Zec 9 MISSING	-	70	30	-	0.1 0.1	medium	granular	gabbro	
	-10-	3	30c MISSING	-	51	50	-	0.1 0.1	fine medium	ophitic granular	gabbro gabbro	doleritic lighter
	-10-	4	4 MISSING	-	65	35	-	0.1 0.1	medium	granular	gabbro	
	-20-	5	5 MISSING	15	50	35	?	0.1 0.1	coarse	subophitic	Ø-gabbro	gabbrovarite?
	-20-	6	6 MISSING	15 13	72	25	-	0.1 0.1	medium	granular	gabbro	Ø-bearing, oxide & sulfide present
	-30-	7	7 MISSING	20	70	10	-	0.1 0.1	medium	granular	Ø-gabbro	
	-40-	2	2 continued. 3b 9.10	-	35	65	-	0.1 0.1	medium	granular	gabbro	
	-40-	3	3 continued. 3b 12	-	45	55	-	0.1 0.1	medium	ophitic	gabbro	
	-50-											
	-60-											
	-70-											
	-80-											
	-90-											
	-100-											
	-110-											
	-120-											
	-130-											
	-140-											
	-150-											

MAJOR LITHOLOGY:






Amphibolite
Gabbro

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1		1 missing	2	60	40	1	0-1 / 0.1	medium	subophitic	gabro	Ol-bearing
	2	X	2 missing	5	50	40	3	0.1 / 0.5	medium	subophitic	olivine-gabro	oPx-bearing?
	3	X	3 missing	2	50	45	3	0.1 / 0.5	fine	subophitic	gabro <u>gabro</u>	gabro-bearing Ol-bearing K#1
	4	X	4 missing	50	45	5	-	0.1 / 0.5	medium	granular	troctite	Cpx-bearing K#2
	5	X	5 missing	-	55	42	3	0.1 / 0.1	fine	subophitic	gabro	Opx-bearing? K#3 gabro-bearing
	6		6 missing	-	65	45	-	0.1 / 0.1	fine	subophitic	gabro	Ol-bearing
	7		7 missing	3	67	30	-	0.1 / 0.1	medium	granular	gabro	
	1		345- missing	U1415E- -	OTHR72				la pyroxene-bearing lb	"	"	orthostic pyroxene-bearing
	1a			-	95	5	0.5	0.1/0.1	medium	granular	orthostic	pyroxene-bearing
	1b		missing	0-1	90	10	0.5	0.1	medium	granular	orthostic	







Intervals are the same number with new description.

~~interval~~

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI	PI	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
			1									
			2									
			3									
			1									
			4									

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments	
				O1 Mode (%)	Pl Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)					
	-0-	1	1							coarse	Var textured	*Gabbro Gabbroite in microscope	
	-10-	2	1							coarse	Var textured		
	-10-	3	1							medium	granular		
	-20-									int 1- medium	int 1- granular		
	-30-									int 2- coarse	int 2- var textured		
	-40-	4								int 3- medium	int 3- var textured		
	-50-												
	-60-												
	-70-	5	1							medium	granular		
	-80-	6	1							medium	granular		
	-80-	7	1							medium	granular		
	-90-	8	1							medium	granular		
	-100-	9	2							int 1- fine int 2- medium	int 1- var textured int 2- var textured		
	-110-												
	-120-	10	1							medium	granular		
	-130-												
	-140-	11	1							medium	granular		
	-150-												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals						Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH					
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
	1	1	1	0.1	50	50	4.5x	0.1	med. fine - gr.	fine gr. after prep	Jasbrowskite	mod. altered	
	2	1	1	0.1	50	u	u	u	u	u	u	u	
	4	1	1	-	"	"	"	"	u	u	u	moderately altered	
	5	1	1	-	"	"	"	"	"	"	"	"	
	6	1	1	0.1	"	"	"	0.1	"	u	u	u	
	7	1	1	0.1	"	"	"	"	"	poikilitic spherules	u	u	
	8	1	1	=	"	"	"	"	Coarse	irregular	"	"	
	9	1	1	-	u	"	"	lexid	medium	fracture	"	"	
	10	1	1	0.1	"	"	"	0.1	Coarse	irregular	"	"	
	11	1	1	0.1	u	u	u	0.1	Coarse	irregular	u	highly altered	
	12	1	1	0.1	"	"	"	0.4	Coarse	"	u	moderately	

MAJOR LITHOLOGY:

102

81

0

Lithology

Basalt			
Oxide gabbro			
Quartz-diorite			
Dolerite			
Gabbro			
Doleritic gabbro			
Olivine gabbro			
Tonalite			
Diorite			
Troctolite			
Olivine gabbro			
Gabbronorite			
Clinopyroxene bearing troctolite			
Olivine bearing anorthosite			
Disseminated oxide gabbro			
Olivine-bearing gabbro			
Orthopyroxene-bearing gabbro			
Oxide-bearing gabbronorite			
Oxide gabbronorite			
Orthopyroxene bearing olivine-gabbro			

Shipboard samples

I	ICP-AES analysis
M	Paleomagnetic analysis
P	Physical property analysis
T	Petrographic thin section analysis
X	X-ray diffraction analysis

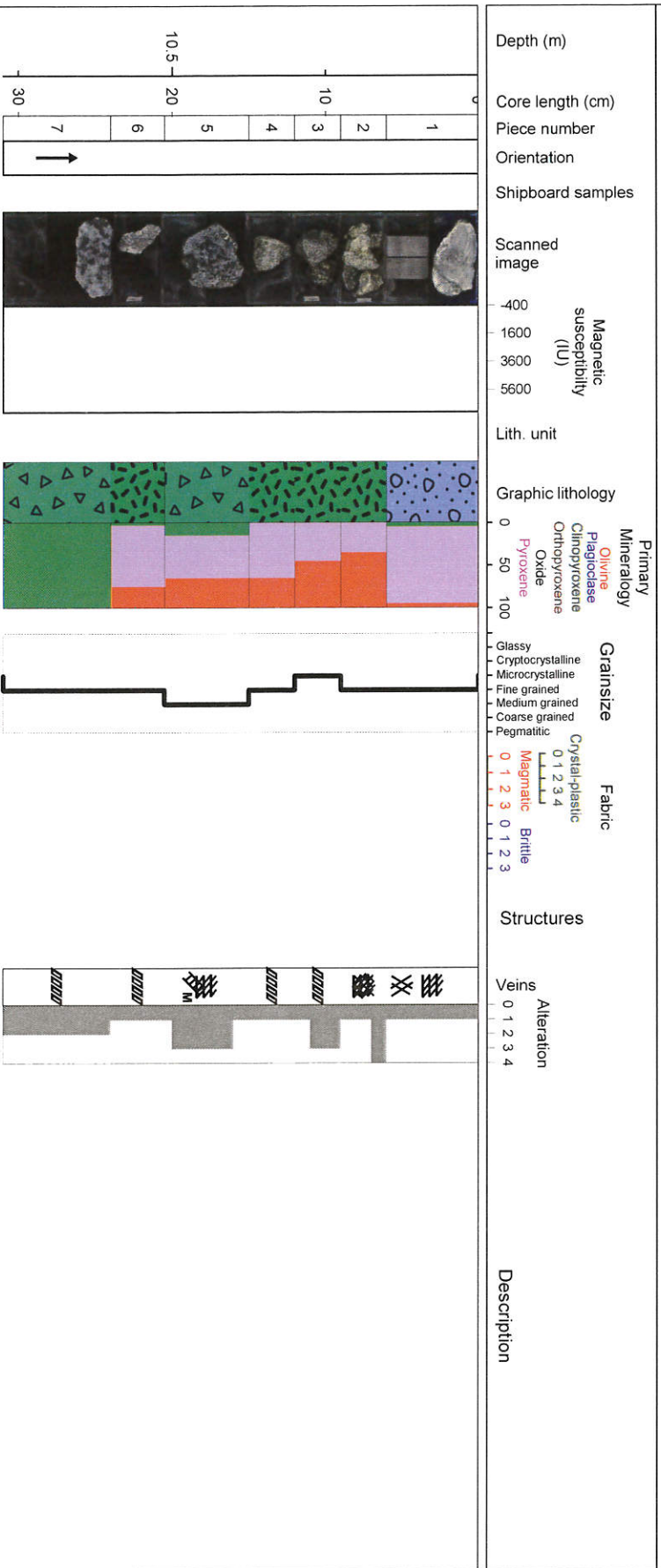
Structure

	Chilled margin (ticks on quenched side)
	Igneous contact
	Dike contact
	Vesicles
	Pipe vesicles
	Magmatic fabric
	Crystal-plastic fabric
	Breccia
	Joint
	Conjugate joints
	Fault
	Slickenline/Slickensider
	Fractures
	Magmatic and textural banding and patches
	Primary ductile deformation (e.g., folded flow tops or bottoms)
	Cataclastic zone
	Apparent sense of shear
	Vein network
	Shear vein
	Vein
	Magmatic vein

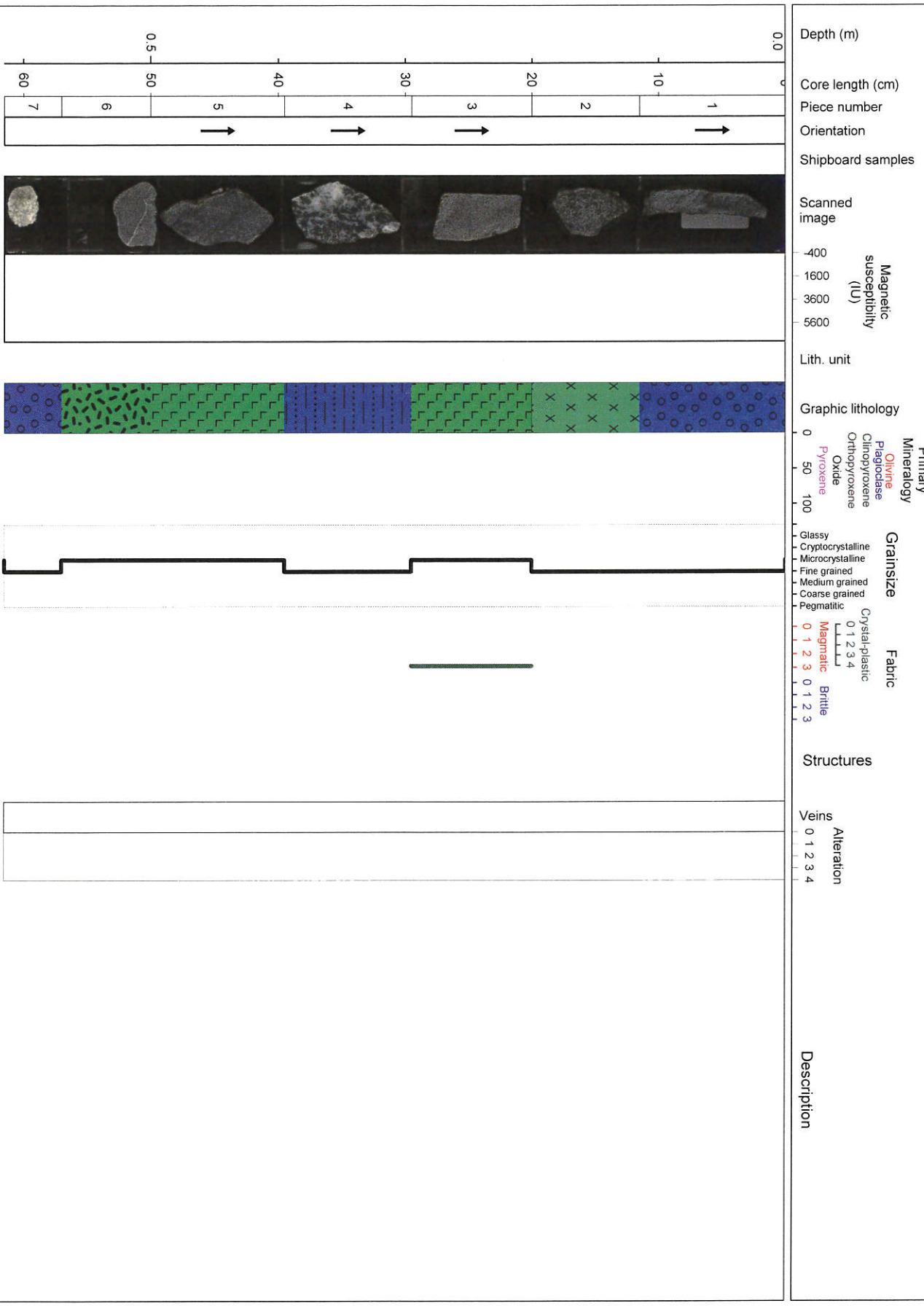
Grain size/
Groundmass

Glassy	Cryptocrystalline	Microcrystalline	Fine grained	Fine-medium grained	Coarse grained	Regmatic
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Hole 345-U1415E-2R Section 1, Top of Section: 10.3 m (CSF-A)



Hole 345-U1415E-1R Section 1, Top of Section: 0.0 m (CSF-A)

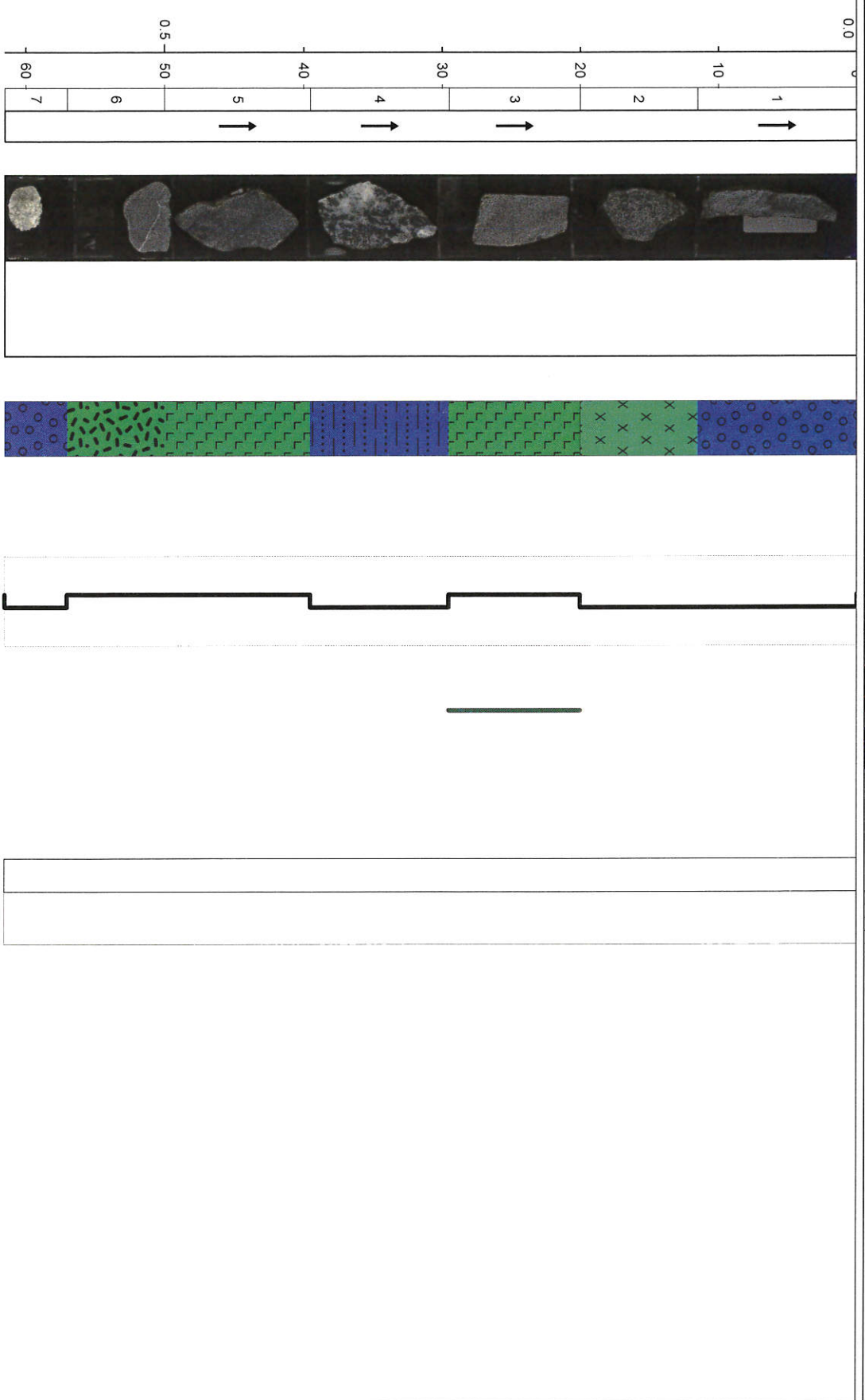


Primary Mineralogy
 Olivine
 Plagioclase
 Clinopyroxene
 Orthopyroxene
 Oxide
 Pyroxene

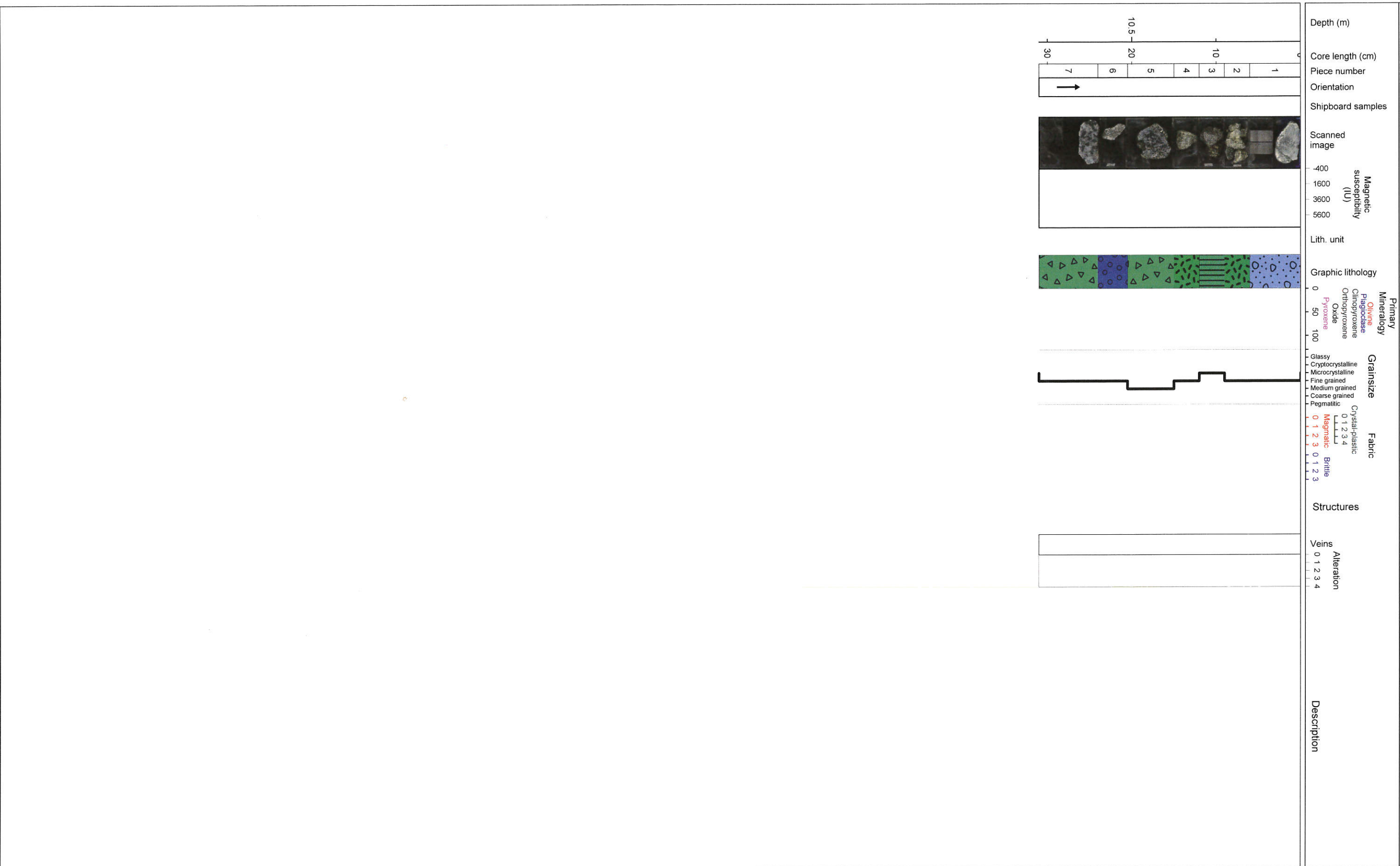
Grainsize
 Glassy
 Cryptocrystalline
 Microcrystalline
 Fine grained
 Medium grained
 Coarse grained
 Pegmatitic



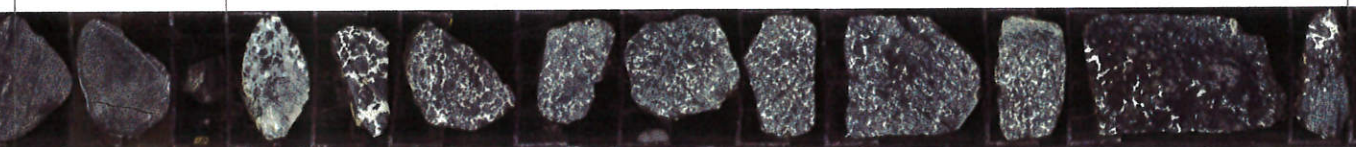

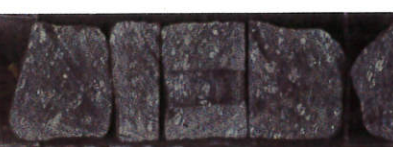

Fabric
 Crystal-plastic
 0 1 2 3 4
 Magnetic
 0 1 2 3
 Brittle
 0 1 2 3

Alteration
 0 1 2 3 4



Hole 345-U1415E-2R Section 1, Top of Section: 10.3 m (CSF-A)



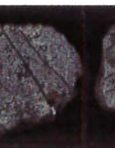
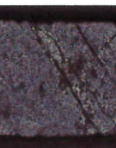
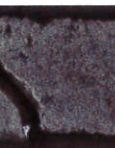


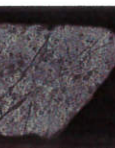

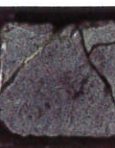

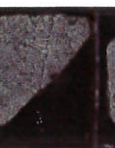


lgPet	Piece #	SAMPLES	Intervals & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				OI Mode (%)	PI Mode (%)	Pyx (cpx) Mode (%)	Opx Mode (%)	OX & SULPH Mode (%)				
			1									
			2									
			3									
			1									
			4									
												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments	
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH					
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)					
	-0-	1	1							coarse	Varif textured	*Gabbro Gabbroanrite in microscope	
	-10-	2	1							coarse	Varif textured		
	-10-	3	1							medium	granular		
	-20-									int 1 = medium	int 1 = granular		
	-30-									int 2 = coarse	int 2 = Varif textured		
	-40-	4								int 3 = medium	int 3 =		
	-50-												
	-60-												
	-70-	5	1							medium	granular		
	-80-	6	1							medium	granular		
	-80-	7	1							medium	granular		
	-80-	8	1							medium	granular		
	-90-									int 1 = fine	int 1 = Varif textured		
	-90-	9	2							int 2 = medium	int 2 = Varif textured		
	-100-												
	-110-												
	-120-	10	1							medium	granular		
	-130-												
	-140-	11	1							medium	granular		
	-150-												

MAJOR LITHOLOGY:

lgPet	Piece #	SAMPLES	Domains & Contacts	Minerals					Grain Size	Texture	Principal Lithology	Comments
				O1	Pl	Pyx (cpx)	Opx	OX & SULPH				
				Mode (%)	Mode (%)	Mode (%)	Mode (%)	Mode (%)				
	1	1	1	0.1	50	50	4.5	0.1	med. div. - gr.	fine grained	Jaschowitzite	mod. altered
	2	1	1	0.1	50	u	u	u	u	u	u	u
	3	1	1	u	u	u	u	u	u	u	u	highly altered
	4	1	1	-	"	"	"	"	u	u	u	moderately altered
	5	1	1	-	"	"	"	"	"	"	"	"
	6	1	1	0.1	"	"	"	0.1	"	u	u	u
	7	1	1	0.1	"	"	"	"	"	poikilitic bouders	u	u
	8	1	1	=	"	"	"	"	Coarse lumpy tex.	"	"	"
	9	1	1	-	u	"	"	lexid	med. div.	frag. div.	"	"
	10	1	1	0.1	"	"	"	0.1	Coarse	var. tex.	"	"
	11	1	1	0.1	u	u	u	0.1	Coarse	var. tex.	u	highly altered
	12	1	1	0.1	"	"	"	0.4	Coarse	"	u	moderately altered

MAJOR LITHOLOGY:

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Lithology

Basalt			
Oxide gabbro			
Quartz-diorite			
Dolerite			
Gabbro			
Doleritic gabbro			
Olivine gabbro			
Tonalite			
Diorite			
Troctolite			
Olivine gabbro			
Gabbronorite			
Clinopyroxene bearing troctolite			
Olivine bearing anorthosite			
Disseminated oxide gabbro			
Olivine-bearing gabbro			
Orthopyroxene-bearing gabbro			
Oxide-bearing gabbronorite			
Oxide gabbronorite			
Orthopyroxene bearing olivine-gabbro			

Shipboard samples

I	ICP-AES analysis	M	Paleomagnetic analysis	P	Physical property analysis	T	Petrographic thin section	X	X-ray diffraction analysis
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Structure

Chilled margin (ticks on quenched side)		Crystal-plastic fabric		Conjugate veins		Primary ductile deformation (e.g., folded flow tops or bottoms)	
Igneous contact		Breccia		Joint		Magmatic and textural banding and patches	
Dike contact		Magmatic vein		Conjugate joints		Fractures	
Vesicles		Vein		Fault		Magmatic and textural banding and patches	
Pipe vesicles		Shear vein		Slickenline/Slickenfiber		Primary ductile deformation (e.g., folded flow tops or bottoms)	
Magmatic fabric		Vein network		Apparent sense of shear		Magmatic and textural banding and patches	

Grain size/
Groundmass

Glassy	Cryptocrystalline	Microcrystalline	Fine grained	Fine-medium grained	Coarse grained	Pegmatic
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