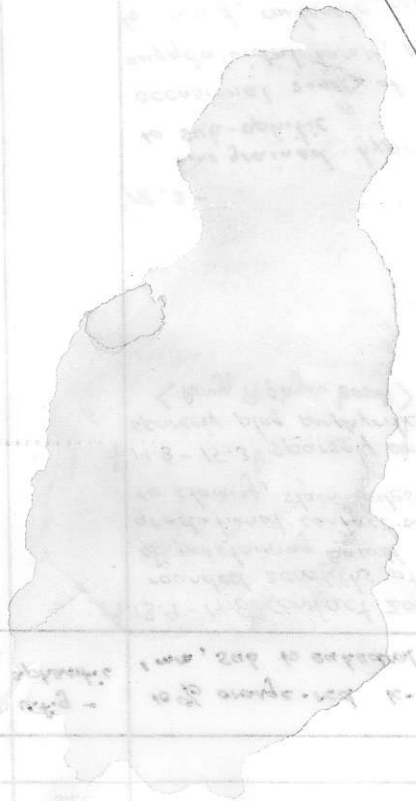
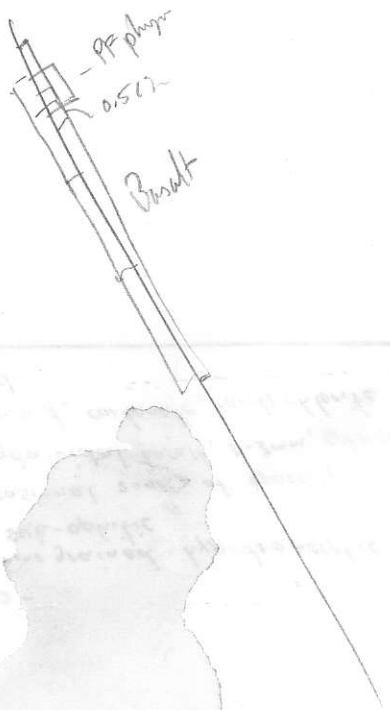


FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS	
0 - 12.3	overburden								
12.3 - 13.9	K-spar phyrlic Rhyolite-dacite	red-maroon	v.f.g - aphanitic	10% orange-red k-spar phenes 1 mm, sub to euhedral		stains well, possible K addition	< .5% py >		
13.9 - 12.5	dk Basalt	dk-grey to grey-green		13.9 - 14.8	20° 60°	contact zone rounded xenoliths of (rip-ups?) of nonstaining basalt in dacite gradational contact with respect to staining, stain fades	calcite veinlets	.5%	
				14.8 - 15.3		sparsely amygdaloidal sparsely plag porphyritic basalt-andesite < Amyg Pp phyrlic basalt >	15.3 - 18.2	0-30% Sp. Hem specular hematite to red aphanitic hematite 0-30% groundmass, sometimes texture destructive 10% groundmass calcite, fracture controlled calcite some fractures show Fe ₂ O ₃ reduction, bleached envelopes	< Py 0.5-1%, Cp Tr > occasional py veinlet .5-1% total py Trace Cp in veinlets
				18.2 - 21.3	20°	fine grained hypidiomorphic to sub-ophitic occasional zones of sparsely amygdaloidal basalt, 1-3mm, spherical to ovoid, carbonate, rarely chlorite filled.	18.2-21.3	0.5-1 cm calcite quartz veinlets up to 1 cm thick euhedral Qtz (epitaxial) chl, rare Pt, Cp selvage	< .5% py > Tr cp, selvage to veinlets sample 19.0
				21.3 - 22.8		minor shear, chl selvages	loss of Fe ₂ O ₃ , rare epidote selvage		
				22.8 - 41.7	10-20° 70°	carbonate stains purple mix of dolomite, calcite, Qtz veins, veinlets are quartz, epidote ± calcite, sample 31.3, 34.6 some veins reach 2cm thick 10% dolomite 70% calcite (staining) 10% epidote, 10% Qtz from 30 m on some veins are 60-80% epidote 1.5 veins/metre 18.2-41.7 5% total epidote	.3% py, fracture controlled selvages in veins.		
				41.7 - 42.3		fractured, chloritic			

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION <Chl-Hem>	SULPHIDES	REMARKS
	Basalt (cont'd)			45.2-47.1 <rubbly, brittle fracture zone> <Rubbly Fault>		44.7-49.5 <fractures are chlorite coated, groundmass maroon in places, 10% hematite 3% ep vein material slightly magnetic 1% mt>	<.5% py; 1% Cp>	
				55-58 <rubbly broken zone>		49.5-59.4 <10% H ₂ O, 1% Ep, 0.5% Calc Str> zones of 10% hematite. 1% Ep in calcite-quartz veins. Ep bearing veins offset by calcite only veins .5-1% mt	<.5% py; 0.1% CP>	
				94.5 modified chilled contact between basalt flows, parallel to qtz-calcite epidote veinlet, cross-cut by calcite only veins	23°	59.4-80.5 <loss of hematite 1% total Epidote, 1% ground mass mt>	<.5% py>	
				occasionally <plagioclase porphyritic> 96.6-112.6	20°	80.5-96.6 <occasional patches of faintly hematitic groundmass. 3% vein material: calcite ± qtz ± Ep minor pyrite> minor brecciated zones up to 5 cm wide. Healed with coarsely crystalline calcite, minor epidote in core. <1-2% mt>		
				99.1-99.8 <chl-cc healed shear>	0-10°	continued <calcite-qtz-ep veining> 96.6-112.6	<.5% py>	
				108 chlorite selvages on some fractures				

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
	Basalt (cont'd)			112.8-113 small zone of gtz-calcite healed breccia, crustiform banding, no open spaces Sample 112.8	35°	112.8 - continued propylitically altered. 124.3-125, mild stain, tiny K-spar laths growing in ground mass	.5 py	
125-153.2	Dacite-Rhyolite	medium grey-maroon	fine to very fine grained	massive to faintly banded. upper contact → 20° banding → 20-35°	20° 20-35°	calcite-gtz epidote veining continues. 128-132 w horn maroon zones 135-136.5 irregular amygdules of gtz-calcite occasional gtz-calcite-ep veins and breccia zones have CP blebs sample @ 136	< 3% py Trace CP no mt	contact is sharp, looks conformable
						+ 138-150 mod Horn strongly maroon irregular open spaces less common, filled with ep rims, gtz cores, rarely sulphides, very rarely CP + 125-150 < 1% Ep 5% calcite 2% gtz >	no mt < 3% py Trace CP >	
				+ 150-153 brittle fracture broken core		150-153. increase in f.c < epidote ≈ 5% >		
153.2-159.5	Basalt-Micro gabbro	grey	fine to medium grained	chilled margin at 30° Hornblende porphyritic in places (phenes up to 15 mm long) lower contact brecciated	30°	< 3% ep 2% calcite chlorite on fractures >	< Tr. py >	Dike intruding minor fault.
159.5-161.5 E.O.H.	Dacite-Rhyolite	grey to maroon	u.f.g.	massive to irregularly amygdaloidal		< 5% epidote - amygdule fill >	< Tr. py >	



13d-132
13-2-136
3-11-0

MOON
ROCK
RUBCO

YARD
352

SHUTDURMS

OF 230M
SIXA 3M30

POLARBYA

230M34E

230M34E

230M34E

230M34E

230M34E

230M34E

230M34E

230M34E

230M34E

230M34E

230M34E

COLLEGE STATION
E-275-80
M. 11/10/00
G.P.P.

058258

10/10/01

ASSAY SHEET

Sample Number	From (m)	To (m)	Estimate		Length ()	% Cu	% Zn	% Pb	gm. T Ag	gm. T Au	% SiO ₂	% TiO ₂	% Na ₂ O	% MgO	% Fe	PPM Cu	PPM Zn	PPM Pb	PPM Ag	PPB Au					
			Cu	Zn																					
58645	12.2	16.0																							
58646	16.0	21.3																							
58647	21.3	27.8																							
→ 5848	33.3	38.5																							
58649	44.0	49.1																							
58650	54.8	59.4																							
58655	64.5	69.6																							
58656	75.1	80.3																							
58657	86.1	91.4																							
58658	96.6	102.4																							
58659	107.9	112.8																							
58660	118.1	122.9																							
58661	128.0	132.1																							
58662	132.1	138.6																							
58663	138.6	144.2																							
58664	144.2	149.7																							
58665	149.7	156.6																							
58666	156.6	161.5																							
	E.O.H																								

Road 320

DH 92-676-3

K-spar phytic Rhyolite
(Trachyandesite?)

Trace Cp

Basalt

↑ Calcite
quartz
±
Epidote
+
chlorite
↓

Rhyolite/
Dacite

Trace Cp

Minor jasper

Trace Cp

Basalt

