

LOCATION		DATE		GEOLOGIST						
Big Kid Area		13 May 1992.		R. C. WELLS						
SAMPLE NO.	DESCRIPTION	PY	CPY	OTHER	ALTERATION			FRACTURE INTENSITY	MAGNETIC	
					EPIDOTE	K.FELDSPAR	CARBONATE			
					P	V	P	V	P	V
✓ 11380N 23875E	Micro monzodiorite speckled green and ^{pinkish} white, medium grained (1mm &); with coarser hornblende laths to 2mm. Local fine chloritic veinlets / fractures. K-spar & plagioclase. v. sparse sulfides.						Primary		weak	m to m/s.
✓ 11400N 24175E	Micro monzodiorite medium grey green, fine medium grained, K-spar is finer and slightly more abundant than plagioclase. Fine mafics, local fine 2-3mm xenoliths. Zones of strong epidote veining minor carbonate semi coincident with silicified zones.				w	w-s	Primary	w	weak to strong	w/m
✓ 11490N 23945E	silicified Microdiorite Hard silicified. Remnant medium grained, equigranular textures. Pervasive moderate to strong silicification. Later fracture controlled epidote veinlets. In some of area coarser medium grained, weak silicification.				w-m			w	weak	m
✓ 11490N 23590E	PLAGIOCLASE PORPHYRITIC MONZONITE / SYENOMONZONITE Speckled pink, white & green, plagioclase porphyritic, 10% altered mafics. Hematized fine groundmass. Patchy K-spar alteration. Fine carbonate. Disseminated - weak fracture controlled Pyrite	Fm.	2-3%		altered mafics		Patchy m/s	m	weak	weak.
✓ 11500N 23600E	HETEROLITHIC INTRUSIVE BRECCIA Coarse fragments of augite porphyritic andesitic, later syenomonzonite intrusive with K-spar flooding (selective replacement) introduction of significant quartz carbonate with m/c Pyrite		3-10% m/c			w-m	S	m w-m.	weak	w to m
✓ 11500N 23675E	MICROMONZONITE Very similar to 11380N / 23975. Medium grained.	Sp.				w		w-m	weak	m/s

ROCK SAMPLE DESCRIPTIONS

BIG KID / SHEAR PROPERTY - ASPEN GROVE

LOCATION		SHEAR PROPERTY		DATE		GEOLOGIST					
		BIG KID AREA.		15 May 1992		R. C. WELLS					
SAMPLE NO.	DESCRIPTION	PY	CPY	OTHER	ALTERATION			FRACTURE INTENSITY	MAGNETIC		
					EPIDOTE	K.FELDSPAR	CARBONATE				
					P	V	P	V	P	V	
11520N 23450E	DIORITE - MONZODIORITE BRECCIA. Mottled greens, greys. Mixed diorite breccia with more massive feldspar (plagioclase) porphyritic monzodiorite (hematitic altered groundmass - fine) Variably assimilated diorite fragments (subangular 1-2cm) with irregular epidotitic fractures. Silicified. moderate P. carbonate.	Sp.			W	W	Primary in monzodiorite sparse in diorite	M	W	W - WM	M to MS.
11525N 22490E	PLAGIOCLASE PORPHYRITIC MONZONITE / SYENOMONZONITE Plagioclase phenocrysts (crowded) to 4mm, pink, fine grained siliceous, hematitic and carbonated groundmass. sparse Py	Sp			-	-		WM	W	W	M
11530N 23538E	PLAGIOCLASE PORPHYRITIC MONZONITE / SYENOMONZONITE As above patchy K spar flooding of the fine groundmass.	Sp			-	-	M-S	W	W	veinlets	M
11540N 23515E	PLAGIOCLASE PORPHYRITIC MONZONITE / SYENOMONZONITE As above - strong Kspar flooding of groundmass. 1-5% fm disseminated and coarse blebby (fracture controlled?) pyrite numerous carbonate veinlets.	1-5% disseminated to blebby		epy?	-	-	S	W	W	W - WM	M
11550N 23840E	PLAGIOCLASE PORPHYRITIC MICRO-MONZONITE / SYENOMONZONITE As above though grey and not as coarse phenocrysts (1-2mm average). Hard and siliceous minor carbonate local fine linear epidote veinlets. 5% altered mafic phenocrysts - some fine xenoliths?				W	M-S		W	W	W	M/S
11610N 23540E	PYRITIC BRECCIA. This is not in place (float) but close to being subcrop includes plagioclase porphyritic monzonite, diorite breccia and K. spar flooded - brecciated augite porphyritic andesite. Brecciated andesite and diorite has upto 7% fracture controlled med. Py monzonite has 2-3% disseminated fine med Py. Pyrite is late.			variable depending on fragment composition			S	M-S	generally W	W-S	M-S
11650N 23840E	DIORITE - MICRODIORITE Green to pinkish green medium locally coarse grained equigranular. Patchy moderate to strong epidote alteration local - weak brecciated appearance. Silicified? weak hematitic att.	Sp.			M-S	W-M		W		W - WM	M

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SAMPLE NO.	DESCRIPTION	PY	CPY	OTHER	ALTERATION			FRACTURE INTENSITY	MAGNETIC	
					EPIDOTE P V	K.FELDSPAR P V	CARBONATE P V			
A 27536	PLAGIOCLASE PORPHYRIC MONZONITE / SYENOMONZONITE / MICRODIORITE Possibly heterolithic breccia with different intrusive fragments strong K.sp. flooding - pervasive and veins. 1-5% disseminated and vein pyrite minor specks of cpy.	1-5%	sp.		w	S S	w-m w	w-wm	wm	
A 27538	SYENOMONZONITE, MONZONITE BRECCIA. Pink with darker (chloritic) fragments. Fine plagioclase porphyritic (crowded) with epidote altered mafic phenocrysts 1-5% bleby and fracture controlled med. py. weak-moderate pervasive epidote alteration. Very strong K.sp. flooding. w hematite	1-5%	sp.		m	S	wm	weak.	m/s	
A 27539	DIORITE-MONZODIORITE BRECCIA. Diorite fragments (angular to 5cm) in monzodiorite ^{matrix} ground. Selective K.sp. flooding of matrix. Fine 1-4% disseminated and fracture controlled pyrite. Silicified.	1-4%			w mgfcs	w m-s matrix	w-m, w	weak.	m.	
A 27542	FINE FELDSPAR PORPHYRIC MICRODIORITE medium green with fine plagioclase phenocrysts 1-2mm in hard, silicified? groundmass. 5-10% fine altered mafics (chlorite). Fracture controlled med. py. linear fractures (2 sets).	1-5%				- -	w	m.	w to ms	