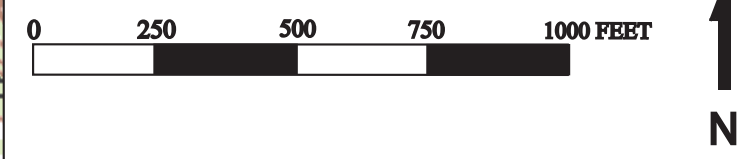
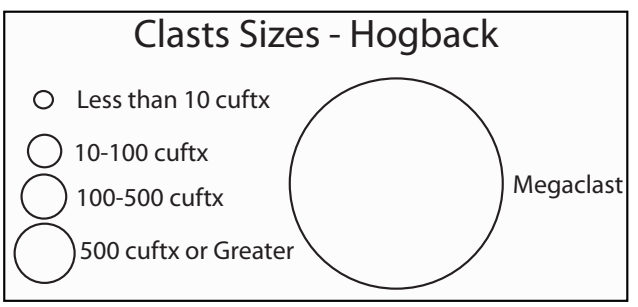
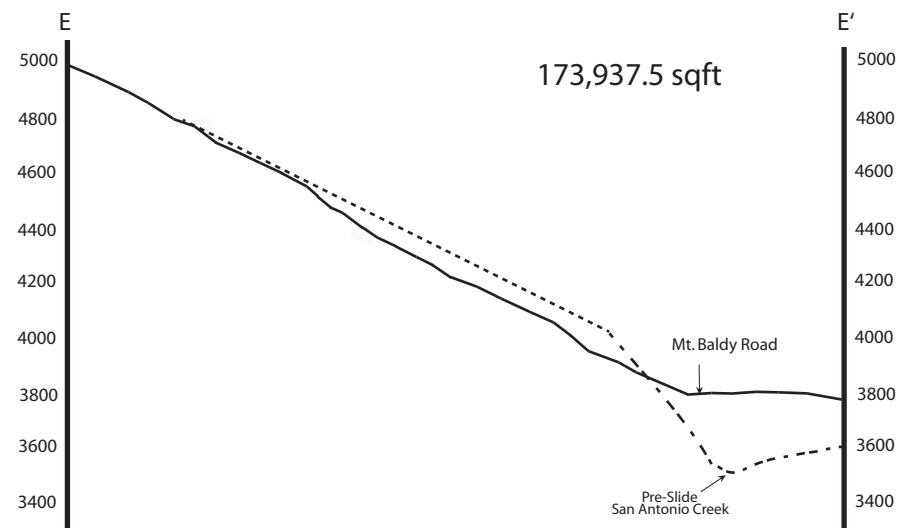
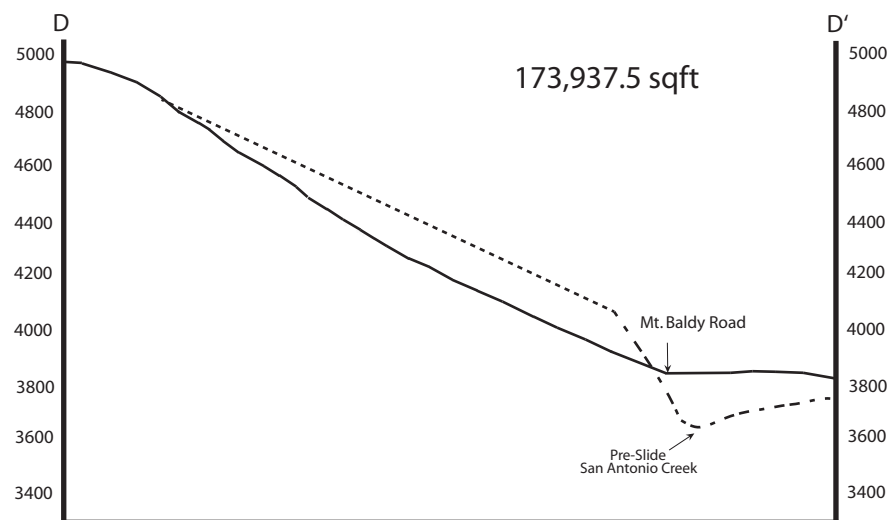
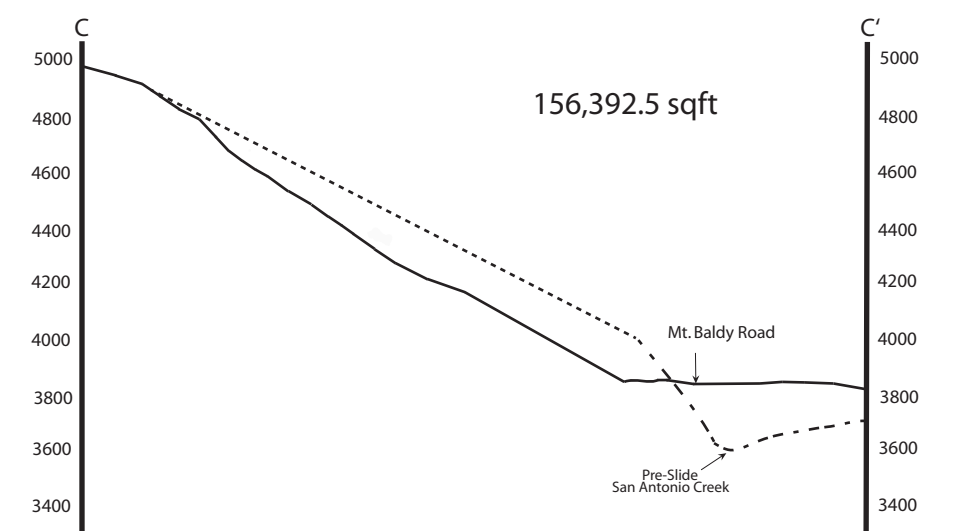
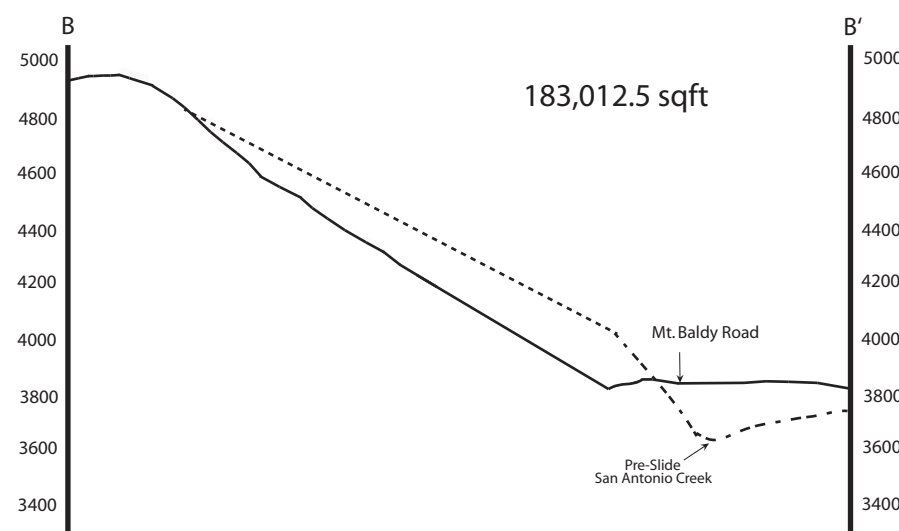
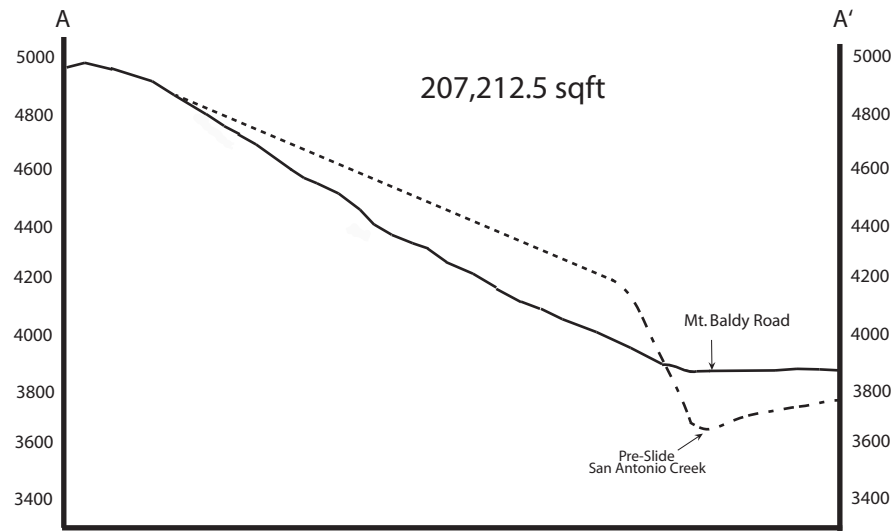


### Legend

- Joint and Fractures Planes
  - Foliations
  - Foliations (Rogers, Herber)
  - Joint and Fractures (Rogers, Herber)
  - Epidote surface with Rake Orientations
  - Epidote surface with unmeasurable Rake
  - Vertical Joint and Fractures Planes
  - Vertical Foliations
  - Dikes (Basaltic)
  - Felsic Gneiss - Quartz Diorite contact (across slide scar)
  - Felsic Gneiss - Quartz Diorite contact (across slide clast)
- Dikes from Marshak 2016:
- Green - Dips from 0° to 45°
  - Yellow - Dips from 45° to 60°
  - Orange - Dips from 60° to 80°
  - Red - Dips from 80° to 90°
- Quartz Diorite (Inplace Rock, Slide Clast)
  - Felsic Gneiss (Inplace Rock, Slide Clast)
  - Quaternary Alluvium
  - Hog Back Landslide Deposit





Volumes:

Volume AB:  

$$\frac{(207,212.5 \text{ sqft} + 183,012.5 \text{ sqft})}{2} (260.27 \text{ ft}) = 50,729,250 \text{ cuft}$$

$$(50,729,250 \text{ cuft}) (165 \text{ lbs/cuft}) = 8,370,326,250 \text{ lbs}$$

Volume BC:  

$$\frac{(183,012.5 \text{ sqft} + 156,392.5 \text{ sqft})}{2} (92.73 \text{ ft}) = 15,736,652 \text{ cuft}$$

$$(15,736,652 \text{ cuft}) (165 \text{ lbs/cuft}) = 2,596,547,567 \text{ lbs}$$

Volume CD:  

$$\frac{(156,392.5 \text{ sqft} + 173,937.5 \text{ sqft})}{2} (182.74 \text{ ft}) = 30,060,030 \text{ cuft}$$

$$(30,060,030 \text{ cuft}) (165 \text{ lbs/cuft}) = 4,959,904,950 \text{ lbs}$$

Volume DE:  

$$\frac{(173,937.5 \text{ sqft} + 173,937.5 \text{ sqft})}{2} (200.59 \text{ ft}) = 34,787,500 \text{ cuft}$$

$$(34,787,500 \text{ cuft}) (165 \text{ lbs/cuft}) = 5,739,937,500 \text{ lbs}$$

Total Volume = 131,313,432 cuft      Total Mass = 21,666,716,267 lbs

Northing	Easting	Strike	Dip	Surface Info	Rock Type	Foliation/Surface/Joint/Fault	In-Place/Slide	Size
438059	3786201	N21W	61NE		Felsic Gneiss	Foliation	In-Place	N/A
438059	3786215	N59W	49SW		Felsic Gneiss	Foliation	In-Place	N/A
438061	3786230	N70E	89SE		Felsic Gneiss	Foliation	In-Place	N/A
				S70E/28	Felsic Gneiss	Epidote Surface	In-Place	N/A
438056	3786246	N89E	49S		Felsic Gneiss	Foliation	In-Place	N/A
		N80W	44SW		Felsic Gneiss	Foliation	In-Place	N/A
		N10W	81NE		Felsic Gneiss	Joint	In-Place	N/A
		N55W	52NE		Felsic Gneiss	Joint	In-Place	N/A
438053	3786249	N30W	69NE		Felsic Gneiss	Joint	In-Place	N/A
438048	3786264	N60W	36SW		Felsic Gneiss	Joint	In-Place	N/A
438053	3786275	N10W	79SW		Felsic Gneiss	Foliation/Fault	In-Place	N/A
438046	3786286	N10W	47NE		Felsic Gneiss	Joint/Epidote Surface	In-Place	N/A
438047	3786289	N25W	65NE		Felsic Gneiss	Fault	In-Place	N/A
438050	3786296	N45E	73NW		Dike (Mafic)	Mafic Intrusion	In-Place	N/A
438047	3786299	N75W	34SW		Felsic Gneiss	Foliation	In-Place	N/A
		N80E	49NW		Felsic Gneiss	Joint	In-Place	N/A
		N10W	77SW		Felsic Gneiss	Joint	In-Place	N/A
438471	3786598	N50W	51SW		Felsic Gneiss	Foliation	Slide	MEGA
438491	3786618	N24W	75SW		Felsic Gneiss	Foliation	Slide	MEGA
438508	3786648	S42E	51SW		Felsic Gneiss	Foliation	Slide	MEGA
438518	3786656	S50E	39SW		Felsic Gneiss	Foliation	Slide	MEGA
438488	3786646	N4W	51SW		Felsic Gneiss	Foliation	Slide	MEGA
438495	3786641	N26E	53NW		Felsic Gneiss	Foliation	Slide	MEGA
438508	3786659	NORTH	48W		Felsic Gneiss	Foliation	Slide	MEGA
438522	3786662	N47E	41NW		Felsic Gneiss	Foliation	Slide	MEGA
438499	3786470	S21E	54SW		Felsic Gneiss	Foliation	Slide	MEGA
438573	3786458	N6W	74SW		Quartz Diorite	Foliation	Slide	medium
438557	3786437	N32W	53SW		Contact	Foliation	Slide	
438533	3786426	N27W	69SW		Quartz Diorite	Foliation	Slide	
438325	3786420	N70E	78NW		Quartz Diorite	Foliation	Slide	
438532	3786387	S82W	51SE		Quartz Diorite	Foliation	Slide	
438544	3786468	S45E	81SW		Felsic Gneiss	Foliation	Slide	
438561	3786510	N43E	40NW		Quartz Diorite	Foliation	Slide	
438560	3786509	S24E	55SW		Contact	Foliation	Slide	
438577	3786537	S37E	70SW		Felsic Gneiss	Foliation	Slide	
438582	3786467	N13W	53SW		Quartz Diorite	Foliation	Slide	
438337	3887447	S42E	46SW		Quartz Diorite	Foliation	In-Place	N/A
438042	3786297	N42W	39SW		Felsic Gneiss	Joint	In-Place	N/A
		N22E	66SE		Felsic Gneiss	Joint	In-Place	N/A
		N32W	28SW		Felsic Gneiss	Joint	In-Place	N/A
438044	3786314	N45E	40SW		Felsic Gneiss	Foliation	In-Place	N/A
		N42W	33SW		Felsic Gneiss	Foliation	In-Place	N/A

		N50W	28SW		Felsic Gneiss	Foliation	In-Place	N/A
		N80W	87NE		Felsic Gneiss	Joint	In-Place	N/A
		N48W	86SW		Felsic Gneiss	Joint	In-Place	N/A
		N70E	83NW		Felsic Gneiss	Joint	In-Place	N/A
		N81W	74NE		Felsic Gneiss	Joint	In-Place	N/A
438053	3786334	N50W	38SW		Felsic Gneiss	Foliation	In-Place	N/A
		N35E	60SE		Felsic Gneiss	Epidote Surface	In-Place	N/A
		N50E	36SE		Felsic Gneiss	Epidote Surface	In-Place	N/A
438089	3786336	N6W	72NE		Felsic Gneiss	Fault	In-Place	N/A
		N8W	84NE		Felsic Gneiss	Fault	In-Place	N/A
		N43W	83NE		Felsic Gneiss	Joint	In-Place	N/A
		N41W	33SW		Felsic Gneiss	Foliation	In-Place	N/A
		N47W	40SW		Felsic Gneiss	Foliation	In-Place	N/A
		N44W	38SW		Felsic Gneiss	Fault	In-Place	N/A
438043	3786334	N34W	48SW		Felsic Gneiss	Foliation	In-Place	N/A
		N21E	55SE		Felsic Gneiss	Joint	In-Place	N/A
		N71W	87SW		Felsic Gneiss	Joint	In-Place	N/A
		N24W	82NE		Felsic Gneiss	Fault	In-Place	N/A
438033	3786355	N41W	40SW		Felsic Gneiss	Foliation	In-Place	N/A
		N75W	90		Felsic Gneiss	Joint	In-Place	N/A
		N22E	63SE		Felsic Gneiss	Fault	In-Place	N/A
438011	3786388	N20E	53SE		Felsic Gneiss	Joint	In-Place	N/A
		N39W	73SW		Felsic Gneiss	Foliation	In-Place	N/A
		N15E	39SE		Felsic Gneiss	Joint	In-Place	N/A
		N75W	67SW		Felsic Gneiss	Foliation	In-Place	N/A
		N32E	44NW		Felsic Gneiss	Joint	In-Place	N/A
438020	3786390	N	58E	N20E/32	Felsic Gneiss	Joint/Epidote Surface	In-Place	N/A
438010	3786400	N7E	76E		Felsic Gneiss	Fault	In-Place	N/A
438003	3786408	N51W	63SW		Felsic Gneiss	Foliation	In-Place	N/A
		N4E	63E		Felsic Gneiss	Joint	In-Place	N/A
437944	3786482	N25W	26SW		Felsic Gneiss	Foliation	In-Place	N/A
437920	3786482	N29E	24NW		Felsic Gneiss	Foliation	In-Place	N/A
438533	3786859	N68W	86SW		Quartz Diorite	Foliation	In-Place	N/A
438557	3786737	N52E	55NW		Quartz Diorite	Foliation	Slide	
438541	3786725	N8E	6SE		Quartz Diorite	Foliation	Slide	
		N4W	80NE		Quartz Diorite	Joint	Slide	
		N30E	17SE		Quartz Diorite	Foliation	Slide	

		N22E	9SE		Quartz Diorite	Foliation	Slide
438528	3786740	N80W	72NE		Quartz Diorite	Foliation	Slide
438527	3786748	N84E	32NW		Quartz Diorite	Foliation	Slide
438523	3786949	N46W	16SW		Quartz Diorite	Foliation	Slide
		N51W	12NE		Quartz Diorite	Foliation	Slide
438505	3786769	N76W	68SW		Quartz Diorite	Foliation	Slide
438505	3786767	N12W	90		Quartz Diorite	Foliation	Slide
438497	3786726	N21E	60SE		Quartz Diorite	Foliation	Slide
		N27W	28NE	N3E/60	Quartz Diorite	Epidote Surface	Slide
438478	3786782	N88E	35SE		Quartz Diorite	Foliation	Slide
438441	3786816	N25W	30SW		Quartz Diorite	Foliation	Slide
438421	3786833	EAST	40S		Quartz Diorite	Foliation	Slide
438389	3786841	N34W	32SW		Quartz Diorite	Foliation	Slide
438377	3786852	N73W	32SW		Quartz Diorite	Foliation	Slide
438512	3786669	N60E	87NW		Felsic Gneiss	Foliation	Slide
438511	3786654	N19E	50NW		Felsic Gneiss	Foliation	Slide
438501	3786655	N2E	42NW		Felsic Gneiss	Foliation	Slide
438493	3786644	N4E	62NW		Felsic Gneiss	Foliation	Slide
438487	3786634	N13W	57SW		Felsic Gneiss	Foliation	Slide
438508	3786471	N20W	74SW		Felsic Gneiss	Foliation	Slide
438589	3786452	N20E	54NW		Quartz Diorite	Foliation	Slide
438506	3786439			N25E/59NW/40	Quartz Diorite	Epidote Surface	Slide
438607	3786438	N65E	81NW		Quartz Diorite	Foliation	Slide
				N25E/90/28	Quartz Diorite	Epidote Surface	Slide
438609	3786436			N30W/80SW/40	Quartz Diorite	Epidote Surface	Slide
				N17E/81SE/59	Quartz Diorite	Epidote Surface	Slide
438629	3786408	N65E	24NW		Quartz Diorite	Foliation	Slide
438627	3786398	N32E	21NW		Quartz Diorite	Foliation	Slide
		N42W	64NE		Quartz Diorite	Foliation	Slide
				N1W/21NE	Quartz Diorite	Epidote Surface	Slide
438607	3786399	N36E	27NW		Quartz Diorite	Foliation	Slide
				N52E/64SE/19	Quartz Diorite	Epidote Surface	Slide
438581	3786368	N40W	71SW		Quartz Diorite	Foliation	Slide
438586	3786383	N46W	81NE		Quartz Diorite	Foliation	Slide
				N29E/57SE/44	Quartz Diorite	Epidote Surface	Slide
438566	3786400	N15W	52SW		Quartz Diorite	Foliation	Slide
				N55E/64SE	Quartz Diorite	Epidote Surface	Slide
438565	3786407	N39E	24NW		Quartz Diorite	Foliation	Slide
				N39E/79NW/7	Quartz Diorite	Epidote Surface	Slide
				N17W/49NE/25	Quartz Diorite	Epidote Surface	Slide
438553	3786394	N30W	31NE		Quartz Diorite	Foliation	Slide
438551	3786393	N10W	78SW		Quartz Diorite	Foliation	Slide
				N59W/32NE/5	Quartz Diorite	Epidote Surface	Slide
438555	3786415	N24E	30SE		Quartz Diorite	Foliation	Slide
				N2E/72SE/16	Quartz Diorite	Epidote Surface	Slide
438618	3786434	N41E	61NW		Quartz Diorite	Foliation	Slide
				N20E/72SE/48	Quartz Diorite	Epidote Surface	Slide

438635	3786428	N70W	70NE		Quartz Diorite	Foliation	Slide	
438653	3786417	N49W	46NE		Quartz Diorite	Foliation	Slide	
438653	3786427	N79W	21NE		Quartz Diorite	Foliation	Slide	
438652	3786445	WEST	70S		Quartz Diorite	Foliation	Slide	
438657	3786451	N34E	88NW		Quartz Diorite	Foliation	Slide	
438661	3786461	N5W	23NE		Quartz Diorite	Foliation	Slide	
438651	3786477	N38E	26NW		Quartz Diorite	Foliation	Slide	
438646	3786473	N80E	68NW		Quartz Diorite	Foliation	Slide	
438645	3786472	N69W	52SW		Quartz Diorite	Foliation	Slide	
438627	3786496	N60W	61SW		Quartz Diorite	Foliation	Slide	
		N20E	52SW		Quartz Diorite	Foliation	Slide	
438626	3786449	N5E	67NW		Quartz Diorite	Foliation	Slide	
				NORTH/28EAST/3	Quartz Diorite	Foliation	Slide	
438633	3786439			N35E/88SE/6	Quartz Diorite	Foliation	Slide	
438627	3786431			N25W/40NE/16	Quartz Diorite	Foliation	Slide	
438450	3786567			N20W/70NE/54	Quartz Diorite	Foliation	Slide	
				N2768NE/45	Quartz Diorite	Foliation	Slide	
438760	3786605	N17W	89SW		Quartz Diorite	Foliation	Slide	
438718	3786649	N75W	21NE		Quartz Diorite	Foliation	Slide	
438597	3786691	N20E	64NW		Quartz Diorite	Foliation	Slide	medium
438591	3786690	N70W	51SW		Quartz Diorite	Foliation	Slide	medium
438594	3786699	N65W	62NE		Quartz Diorite	Foliation	Slide	medium
438583	3786674	N24E	30NW		Felsic Gneiss	Foliation	Slide	small
438576	3786694	N15W	79NE		Quartz Diorite	Foliation	Slide	medium
438511	3786593	N12W	71SW		Felsic Gneiss	Foliation	Slide	small
438565	3786598	N53E	41NW		Felsic Gneiss	Foliation	Slide	small
438573	3786595	N52W	73NE		Felsic Gneiss	Foliation	Slide	medium
438583	3786601	N72W	66NE		Felsic Gneiss	Foliation	Slide	small
438585	3786613	N60W	27SW		Felsic Gneiss	Foliation	Slide	medium
438589	3786610	N74W	70NE		Felsic Gneiss	Foliation	Slide	medium
438599	3786619	N60W	90		Quartz Diorite	Joint	Slide	large
		N20W	67SW		Quartz Diorite	Foliation	Slide	medium
438601	3786622	N70E	72NW		Quartz Diorite	Foliation	Slide	medium
		SOUTH	75E		Quartz Diorite	Foliation	Slide	
		N65W	81NE		Quartz Diorite	Foliation	Slide	medium
438597	3786639	N50W	48SW		Felsic Gneiss	Foliation	Slide	small
		N72W	21NE		Felsic Gneiss	Foliation	Slide	small
		N70W	75NE		Felsic Gneiss	Foliation	Slide	small
438594	3786650	N67E	60NW		Felsic Gneiss	Foliation	Slide	small
438608	3786630	N45W	66SW		Quartz Diorite	Foliation	Slide	large
438613	3786633	N78E	67SE		Quartz Diorite	Foliation	Slide	medium
438618	3786638	N85E	24SE		Quartz Diorite	Foliation	Slide	medium

438622	3786653	N60W	73SW	Quartz Diorite	Foliation	Slide	large
438622	3786652	N50W	79NE	Quartz Diorite	Foliation	Slide	large
438635	3786647	N65W	11SW	Quartz Diorite	Foliation	Slide	large
438641	3786641	N35E	80SE	Quartz Diorite	Foliation	Slide	medium
438665	3786624	NORTH	80W	Quartz Diorite	Foliation	Slide	medium
		N16W	81SW	Quartz Diorite	Foliation	Slide	small
438671	3786612	N20W	5SW	Quartz Diorite	Foliation	Slide	medium
438676	3786615	N26W	44SW	Quartz Diorite	Foliation	Slide	medium
		N35E	89NW	Dike (Mafic)	Foliation	Slide	
		N20W	59NE	Quartz Diorite	Foliation	Slide	medium
438652	3786599	N56W	33NE	Quartz Diorite	Foliation	Slide	large
		N61E	80NW	Dike (Mafic)	Foliation	Slide	
438658	3786587	N70E	44SE	Quartz Diorite	Foliation	Slide	large
438672	3786588	N11W	87SW	Quartz Diorite	Foliation	Slide	large
438672	3786584	N40W	23NE	Quartz Diorite	Foliation	Slide	large
			N25W/78NE/55	Quartz Diorite	Epidote Surface	Slide	
438439	3786531	N60W	32NE	Quartz Diorite	Foliation	Slide	MEGA
			N45W/79SW/51	Quartz Diorite	Epidote Surface	Slide	
438505	3786633	N62W	59SW	Felsic Gneiss	Foliation	Slide	MEGA
			N64W/33NE/44	Felsic Gneiss	Epidote Surface	Slide	
438496	3786639		N43W/43NE/31	Felsic Gneiss	Epidote Surface	Slide	
438443	3786411	N70W	73NE	Felsic Gneiss	Foliation	Slide	medium
438453	3786931	N35E	55SE	Quartz Diorite	Foliation	Slide	medium
		N30E	56SE	Quartz Diorite	Foliation	Slide	medium
		N47E	20SE	Quartz Diorite	Foliation	Slide	medium
			N70E/20SE/10	Quartz Diorite	Epidote Surface	Slide	
			N70W/81SW/32	Quartz Diorite	Epidote Surface	Slide	
438463	3786373	N27W	44NE	Quartz Diorite	Foliation	Slide	large
438474	3786382	N27W	63NE	Quartz Diorite	Foliation	Slide	large
		N66E	75SE	Quartz Diorite	Foliation	Slide	
		N55E	31NW	Quartz Diorite	Foliation	Slide	
			N50E/79NW/42	Quartz Diorite	Epidote Surface	Slide	
438479	3786383	N41E	61SE	Quartz Diorite	Foliation	Slide	large
			N30W/16SW	Quartz Diorite	Epidote Surface	Slide	
			N80E/29NW/2	Quartz Diorite	Epidote Surface	Slide	
438495	3786385	N30W	68NE	Quartz Diorite	Foliation	Slide	medium
		N25W	58NE	Quartz Diorite	Foliation	Slide	large
		N37W	40NE	Quartz Diorite	Foliation	Slide	medium
		N23W	63NE	Quartz Diorite	Foliation	Slide	medium
			N48W/59SW/44	Quartz Diorite	Epidote Surface	Slide	
438510	3786391	N52W	87SW	Quartz Diorite	Foliation	Slide	medium
		N63E	37SE	Quartz Diorite	Foliation	Slide	medium
		N80E	54NW	Quartz Diorite	Foliation	Slide	medium
		N36W	72SW	Quartz Diorite	Foliation	Slide	medium
438612	3786452	N19W	66SW	Quartz Diorite	Foliation	Slide	large
		N28W	53SW	Quartz Diorite	Foliation	Slide	medium
		N18E	61NW	Quartz Diorite	Foliation	Slide	medium

				N26E/56SE/34	Quartz Diorite	Epidote Surface	Slide	
				N2W/37NE/24	Quartz Diorite	Epidote Surface	Slide	
438639	3786514	N60W	47SW		Quartz Diorite	Foliation	Slide	large
		N43W	37SW		Quartz Diorite	Foliation	Slide	medium
		N37W	32SW		Quartz Diorite	Foliation	Slide	small
		N68W	51SW		Quartz Diorite	Foliation	Slide	medium
		N70SW	63SW		Quartz Diorite	Foliation	Slide	medium
		N51W	46SW		Quartz Diorite	Foliation	Slide	medium
				N26E/59SE/41	Quartz Diorite	Epidote Surface	Slide	
438643	3786532	N41W	79SW		Quartz Diorite	Foliation	Slide	small
		N59W	81SW		Quartz Diorite	Foliation	Slide	small
		N55W	41SW		Quartz Diorite	Foliation	Slide	medium
		N58W	51NE		Quartz Diorite	Foliation	Slide	small
		N61W	43SW		Quartz Diorite	Foliation	Slide	large
		N41W	11SW		Quartz Diorite	Foliation	Slide	medium
		N81E	62NW		Quartz Diorite	Foliation	Slide	small
				N75W/66SW/38	Quartz Diorite	Epidote Surface	Slide	
438245	3787346	N16E	49NW		Quartz Diorite	Joint	In-Place	N/A
		N10E	40SE		Quartz Diorite	Joint	In-Place	N/A
		N56W	78NE		Quartz Diorite	Joint	In-Place	N/A
438224	3787331	N85E	81NW		Quartz Diorite	Joint	In-Place	N/A
		N5W	39SW		Quartz Diorite	Foliation	In-Place	N/A
		N20W	20SW		Quartz Diorite	Foliation	In-Place	N/A
		N17W	52SW		Quartz Diorite	Foliation	In-Place	N/A
		N19W	83NE		Quartz Diorite	Joint	In-Place	N/A
		N31W	78SW		Quartz Diorite	Foliation	In-Place	N/A
438221	3787329	N20E	31NW		Quartz Diorite	Foliation	In-Place	N/A
		N5E	90		Felsic Gneiss/QuartzDiorite	Contact	In-Place	N/A
438068	3787134	N50E	44NW		Felsic Gneiss	Foliation	In-Place	N/A
		N70E	54SE		Felsic Gneiss	Joint	In-Place	N/A
		N68E	57SE		Felsic Gneiss	Foliation	In-Place	N/A
		N42E	32NW		Felsic Gneiss	Joint	In-Place	N/A
		N67E	NA		Felsic Gneiss	Fault	In-Place	N/A
438029	3787098	N50W	56SW		Felsic Gneiss	Foliation	In-Place	N/A
					Dike (Mafic)		In-Place	N/A
437929	3786909	N41W	13SW		Quartz Diorite	Foliation	In-Place	N/A
438352	3786505			N80W/29SW/3	Quartz Diorite	Epidote Surface		N/A
438328	3786492	N64W	44SW		Quartz Diorite	Foliation	In-Place	N/A
		N40W	61SW		Quartz Diorite	Joint	In-Place	N/A
				N20W/63NE/19	Quartz Diorite	Epidote Surface	In-Place	N/A



				N10E/83SE/2	Quartz Diorite	Epidote Surface	In-Place	N/A
				NORTH/89E/21	Quartz Diorite	Epidote Surface	In-Place	N/A
		N70E	52SE		Quartz Diorite	Joint	In-Place	N/A
438326	3786819	N41W	46SW		Quartz Diorite	Foliation	In-Place	N/A
438316	3786545	N32E	31NW		Quartz Diorite	Foliation	In-Place	N/A
				N33E/31NW/7	Quartz Diorite	Epidote Surface	In-Place	N/A
438310	3786558	N89E	58SE		Quartz Diorite	Foliation	In-Place	N/A
				N15E/89NW/44	Quartz Diorite	Epidote Surface	In-Place	N/A
				N60W	Dike (Mafic)	Foliation	In-Place	N/A
438298	3786580	N40W	42SW		Quartz Diorite	Foliation	In-Place	N/A
		N80W	73NE		Quartz Diorite	Joint	In-Place	N/A
		N50W	35SW		Quartz Diorite	Joint	In-Place	N/A
438290	3786586	N40W	32SW		Felsic Gneiss/Quartz Diorite	Contact	In-Place	N/A
		N56W	72NE		Felsic Gneiss/Quartz Diorite	Contact	In-Place	N/A
438237	3786619	N40W	35SW		Quartz Diorite	Foliation	In-Place	N/A
438208	3786625	N40E	43NW		Felsic Gneiss	Foliation	In-Place	N/A
		N88E	89NW		Felsic Gneiss	Joint	In-Place	N/A
438194	3786622	N21W	39SW		Felsic Gneiss	Foliation	In-Place	N/A
		N88E	57NW		Felsic Gneiss	Joint	In-Place	N/A
		N15E	45SE		Felsic Gneiss	Joint	In-Place	N/A
438353	3786817	N30W	67SW		Quartz Diorite	Foliation	In-Place	N/A
		N5W	32NE		Quartz Diorite	Foliation	In-Place	N/A
438349	3786845			N80E/88SE/89	Quartz Diorite	Epidote Surface	Slide	N/A
438337	3786584	N51W	37SW		Quartz Diorite	Foliation	In-Place	N/A
		N58W	34SW		Quartz Diorite	Foliation	In-Place	N/A
		N49W	41SW		Quartz Diorite	Foliation	In-Place	N/A
		N44W	48SW		Quartz Diorite	Foliation	In-Place	N/A
		N70E	56SE		Quartz Diorite	Joint	In-Place	N/A
		N65E	57SE		Quartz Diorite	Joint	In-Place	N/A
		N63E	51SE		Quartz Diorite	Joint	In-Place	N/A
438322	3786883	N70W	58SW		Quartz Diorite	Foliation	In-Place	N/A
		N68W	41SW		Quartz Diorite	Foliation	In-Place	N/A
		N40W	67SW		Quartz Diorite	Joint	In-Place	N/A
				N20E/56NW/36	Quartz Diorite	Epidote Surface	In-Place	N/A
438284	3786877	N60W	56SW		Quartz Diorite	Foliation	In-Place	N/A
		N56W	43SW		Quartz Diorite	Foliation	In-Place	N/A
				N21E/63NW/11	Quartz Diorite	Epidote Surface	In-Place	N/A
438278	3786878	N2W	50SW		Quartz Diorite	Foliation	In-Place	N/A
				N50E/79SE/17	Quartz Diorite	Epidote Surface	In-Place	N/A
438264	3786863	N10W	52SW		Quartz Diorite	Foliation	In-Place	N/A
		N15W	49SW		Quartz Diorite	Foliation	In-Place	N/A
		N19W	56SW		Quartz Diorite	Foliation	In-Place	N/A
		N89W	68NE		Quartz Diorite	Joint	In-Place	N/A
438251	3786869	N41W	42SW		Felsic Gneiss/Quartz Diorite	Foliation	In-Place	N/A

N25E	15NW	Felsic Gneiss/Quartz Diorite	Foliation	In-Place	N/A
N80E	65NW	Dike (Mafic)		In-Place	N/A
N79E	68NW	Felsic Gneiss/Quartz Diorite	Joint	In-Place	N/A
N15E	74NW	Felsic Gneiss/Quartz Diorite	Joint	In-Place	N/A

		N50E/88SE/34	Felsic Gneiss/Quartz Diorite	Epidote Surface	In-Place	N/A
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438230	3786867	N63W	39SW	Mafic Gneiss	Foliation	In-Place	N/A
438078	3786895	N21E	37NW	Felsic Gneiss	Foliation	In-Place	N/A
		N25E	63SE	Felsic Gneiss	Joint	In-Place	N/A
438083	3786884	N23E	29NW	Felsic Gneiss	Foliation	In-Place	N/A
438079	3786878	N19E	32NW	Felsic Gneiss	Foliation	In-Place	N/A
438083	3786880	N61W	46NE	Gneiss: Fine grained	Foliation	In-Place	N/A
		N37E	49NW	Gneiss: Fine grained	Foliation	In-Place	N/A
		N54E	38NW	Dike (Mafic)		In-Place	N/A
438099	3786885	N5W	24SW	Felsic Gneiss	Foliation	In-Place	N/A
		N16W	42SW	Felsic Gneiss	Joint	In-Place	N/A
438107	3786888	N40E	49NW	Felsic Gneiss	Foliation	In-Place	N/A
		N43E	58NW	Felsic Gneiss	Foliation	In-Place	N/A
438142	3786895	N37E	38NW	Felsic Gneiss	Foliation	In-Place	N/A
		N31E	37NW	Felsic Gneiss	Foliation	In-Place	N/A
		N21E	69SE	Felsic Gneiss	Joint	In-Place	N/A
438182	3786872	N43E	15NW	Felsic Gneiss	Foliation	In-Place	N/A
		N40E	89SE	Felsic Gneiss	Joint	In-Place	N/A
438184	3786857	N41E	50SW	Felsic Gneiss	Foliation	In-Place	N/A
438205	3786863	N35W	33SW	Felsic Gneiss	Foliation	In-Place	N/A