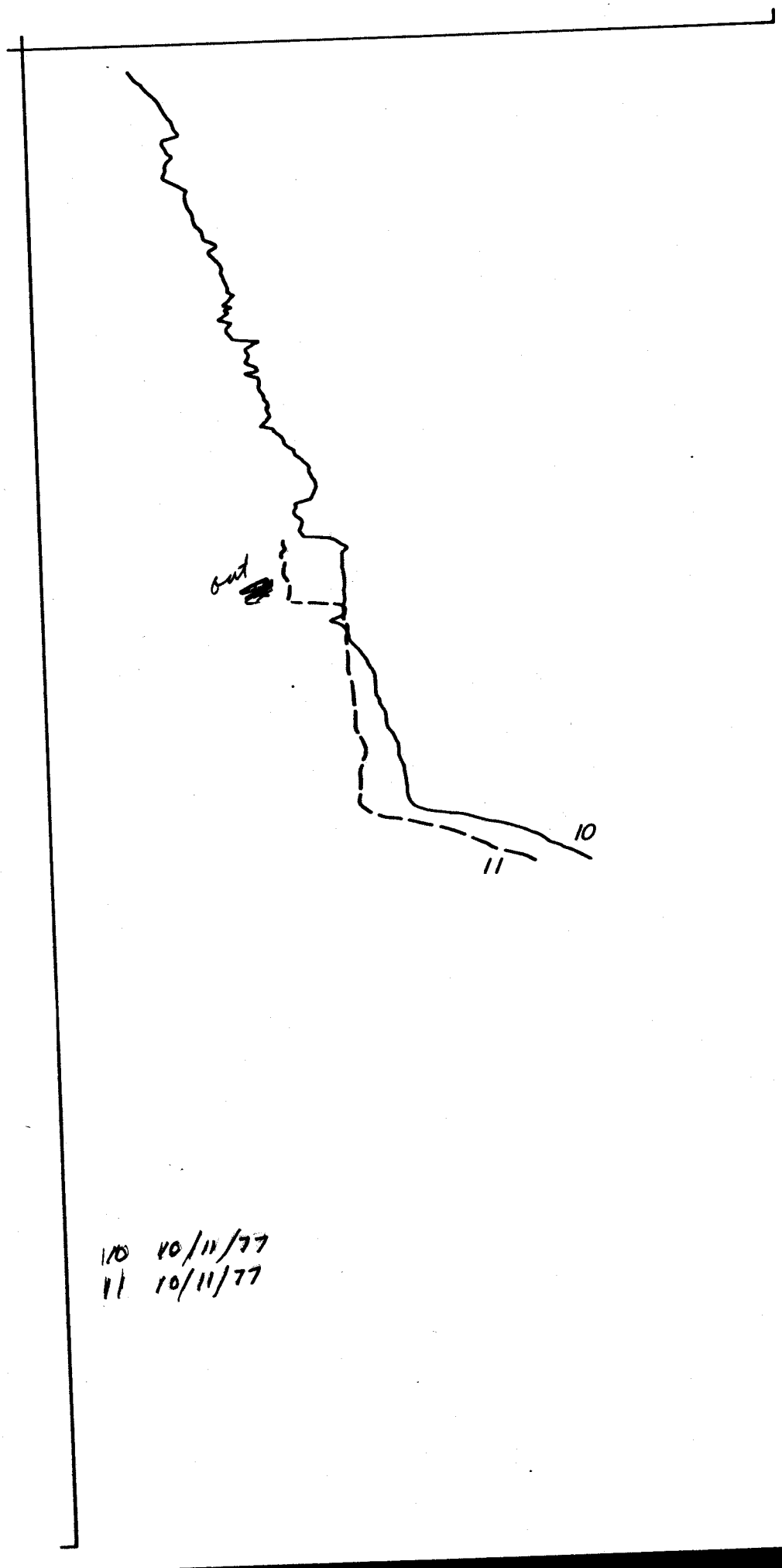
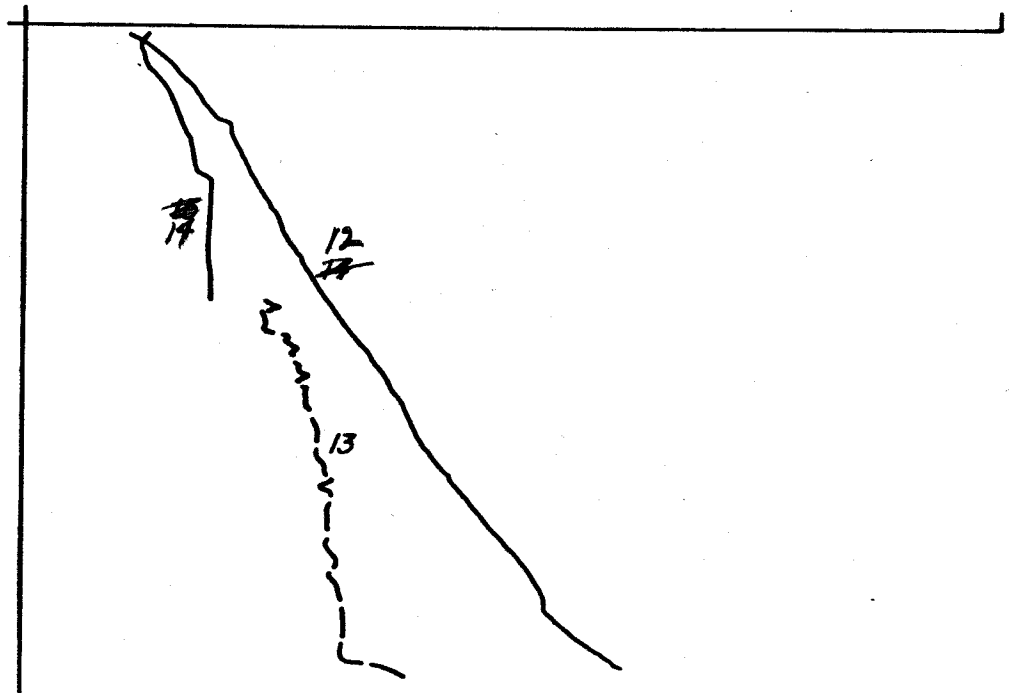
CGEH 1

Measured				Calculated		
Depth	Inclination	Quadrant	Azmith	True Depth	North	East
2551	8°30'	S25W	205 ~~250~~	2519 2541	-70	-133
2640	7°45'	S01E	179	2607 2629	-82	-135
2700	8°00	S20W	200	2666 2688	-90	-137
2837	7°15	S23W	203	2802 2824	-107	-143
2990	4°30'	S64W	244	2954 2976	-119	-153
3085	4°30'	S84W	264	3049 3071	-121	-160
3195	5°30'	N75W	285	3159 3181	-120	-169
3294	4°15'	N64W	296	3257 3279	-117	-177
3376	5°15'	N69W	291	3339 3361	-114	-183
3476	5°45'	N50W	310	3439 3461	-109	-191
3570	5°15'	N45W	315	3532 3554	-103	-198
3661	5°00'	N45W	315	3623 3645	-98	-204
3765	4°45'	N60W	300	3726 3748	-92	-211
3855	4°30'	N55W	305	3816 3838	-88	-217
3960	5°30'	N60W	300	3921 3943	-84	-224
4043	6°45'	N72W	288	4003 4025	-80	-233
4120	7°30'	N82W	278	4080 4102	-78	-242
4224	7°45'	N88W	272	4183 4205	-77	-256
4298	8°15'	N87W	273	4256 4278	-76	-266
4401	9°30'	S76W	256	4358 4380	-78	-281
4461	9°45'	S70W	250	4417 4439	-81	-291
4567	10°30'	S57W	237	4521 4543	-89	-308
4638	10°45'	S45W	225	4591 4613	-100	-322
4739	11°30'	S43W	223	4690 4712	-114	-335
4845	12°45'	S46W	226	4794 4816	-130	-351

Measured				Calculated		
Depth	Inclination	Quadrant	Azmith	True Depth	North	East
114	1°	N20W	340	92 114	1	-0.3
214	1° 45'	N6E	6	192 214	3	-.5
312	1° 45'	N11E	11	290 312	6	-.04
410	1° 30'	N25W	335	388 410	9	0.14
507	1° 30'	N39W	321	485 507	11	-1.0
604	2° 00	N53W	307	582 604	13	-3
689	2° 30'	N76W	284	667 689	14	-6
788	2° 45'	N75W	285	766 788	15	-10
880	2° 30'	N65W	295	858 880	17	-14
992	2° 30'	N76W	284	969 991	19	-19
1092	2° 30'	N75W	285	1069 1091	20	-23
1166	4° 30'	N75W	285	1163 1185	21	-29
1216	4° 30'	W	270	1193 1215	21	-31
1279	4° 30'	N88W	272	1256 1278	21	-36
1368	4° 30'	N88W	272	1345 1367	22	-43
1455	3° 30'	S85W	265	1431 1453	22	-49
1549	3° 30'	S66W	246	1525 1547	20	-54
1702	5° 00	S71W	251	1678 1700	16	-65
1673	7° 30'	S50W	230	1848 1870	7	-81
1934	9° 15'	S50W	230	1908 1930	1	-87
1965	8° 45'	S50W	230	1939 1961	-2	-91
2000	8° 45'	S52W	232	1973 1995	-6	-95
2020	8° 30'	S49W	229	1993 2015	-8	-98
2080	8° 30'	S45W	225	2052 2074	-14	-104
2180	7° 45'	S33W	213	2151 2173	-24	-113
2278	7° 30'	S23W	203	2248 2270	-36	-119
2375	7° 30'	S18W	198	2345 2367	-48	-123
2459	8° 00	S23W	203	2428 2450	-58	-127



10 10/11/77
11 10/11/77



12 9/28/77
13 9 25 77
14 9/19/77

Figure 10

Tool responds to fractured rock with disseminated clay and high permiability and porosity

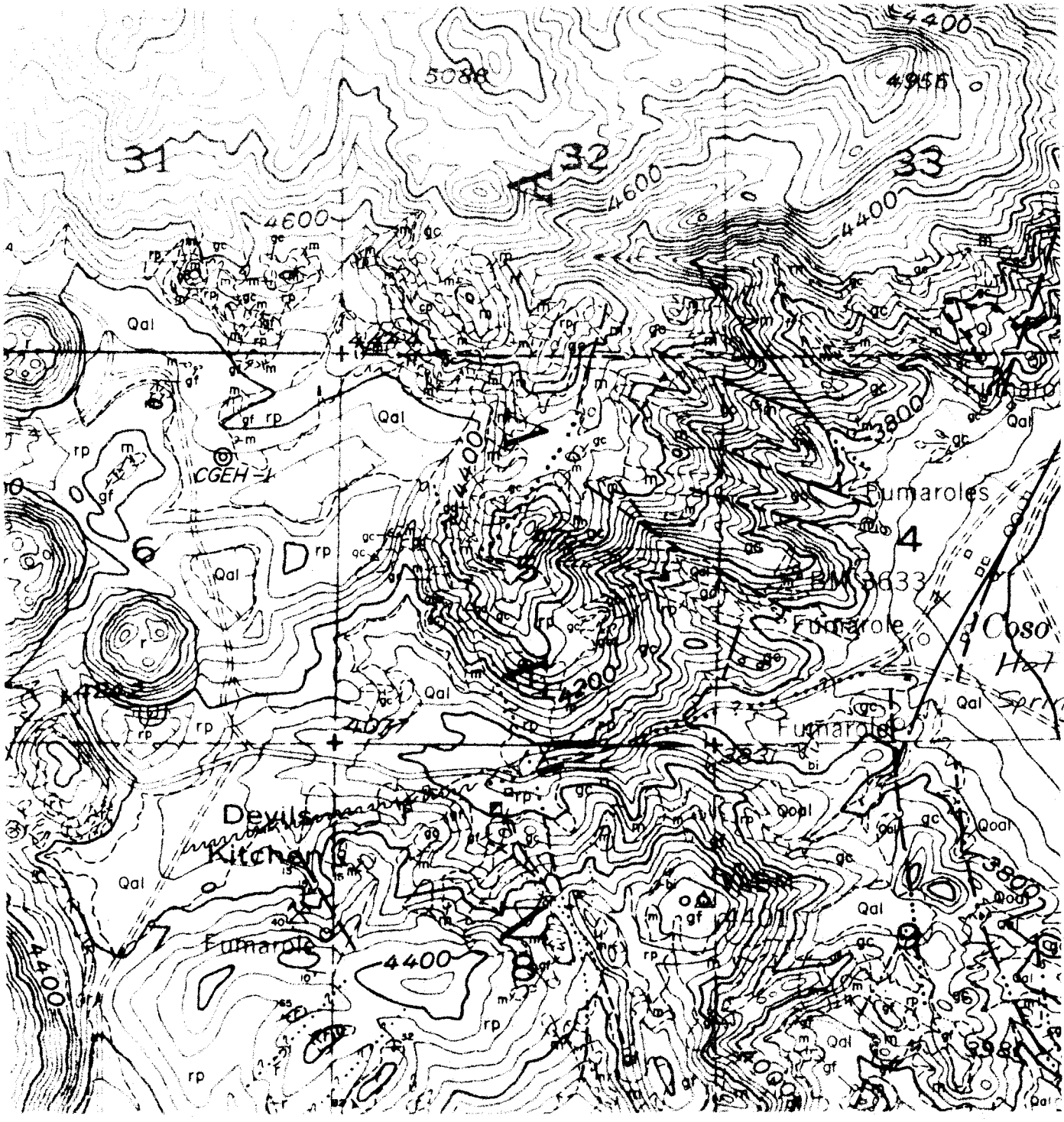
Very tight gouge clay no permeability or porosity.

Tool surrounded by tight gouge clay highly resistive no permiability or porosity

Fractured rock adjacent to the gouge clay developed along the fault plane.

Induction tool Response in an idealized fault zone.

Tool on other side of fault responding to fractured rock with disseminated clay and high permeability and porosity.



Qal alluvium	bi intrusive basalt	dbx obsidian vitrophyre flow breccia	glp biotite-quartz latite dikes
Ql landslide debris	$b_{3}f$ $b_{3}p$ olivine-pyroxene basalt $b_{3}p$: cinder cone $b_{3}f$: flow rock	gbx biotite granite	m metamorphic rocks
Qoal older alluvium	b_2 olivine-pyroxene basalt	gf granite and quartz monzonite	
r rhyolitic volcanic rocks	cf conglomerate	gc biotite granite	
rp rhyolitic pyroclastic debris	b1 olivine-pyroxene basalt	d felsite dikes and pods	

TITLE