

underground.

019147

P1

DDHID.	DEPTH	AZ	DIP	ZEN
U-1	0	108.6	+3° 01'	87.0
U-2	0	54.8	+3° 12'	86.8
U-3	0	223.5	+36° 59'	53.0
U-4	0	234.2	+72° 04'	17.9
U-5	0	0	-90°	180.0
U-6	0	43.4	+81° 40'	8.3
U-7	0	44.0	-60°	150.0
U-8	0	216.9	+75° 34'	14.4
U-9	0	44.0	-55°	145.0
U-10	0	232.1	+79° 34'	10.4
U-11	0	24.6	-41° 23'	131.4
U-12	0	43.8	-70°	160.0
U-13	0	43.8	-83°	173.0
U-13	152.4	43.0	-81.3°	171.3
U-14	0	231.5	+59° 09'	30.9
U-15	0	44.0	-60°	150.0
U-15	91.4	43.0	-68°	158.0
U-15	182.9	65.0	-74°	164.0
U-16	0	44.4	-35° 15'	125.3
U-17	0	43.8	-60°	150.0
U-18	0	44.0	-46°	136.0
U-19	0	223.8	+31°	59.0
U-20	0	223.8	-80°	170.0
U-21	0	225.5	+48° 34'	41.4
U-22	0	227.0	-47°	137.0
U-23	0	47.0	-68°	158.0
U-24	0	45.8	+34° 31'	55.5
U-26				
U-25	0	45.8	+34°	56.0
U-26	0	233.8	+69° 00'	21.0
U-27	0	46.9	+61° 54'	28.1
U-28	0	47.1	-39° 13'	129.2
U-29	0	44.7	-13° 51'	103.9
U-30	0	50.3	+43° 22'	46.6
U-31	0	91.0	-15° 45'	105.8
U-31	8.5	77.0	-16.3°	106.3
U-31	61.0	120.0	-24.0°	114.0

az & zen. in degrees and 10^{ths}.

: azimuths corrected by 1° 34' for K.A. to UTM rotation. (surveyed azimuths only)

Notes by DJH.

underground.

P. 2

DDHID.	DEPTH	AZ	DIP	ZEN
U-32	0	221.0	-72° 51'	162.9
U-32	33.5	218.0	-79°	169.0
U-32	67.1	226.0	-82°	172.0
U-32	97.5	253.0	-85°	175.0
U-33	0	224.0	+45°	45.0
U-34	0	151.6	-86° 18'	176.3
U-35	0	56.0	-63° 23'	153.4
U-35	61.0	44.0	-75.8°	165.8
U-35	108.2	60.0	-78.4°	168.4
U-36	0	137.1	+7° 42'	82.3
U-37	0	93.9	+9° 09'	80.9
U-38	0	104.2	+9° 41'	80.3
U-39	0	228.8	-73° 15'	163.3
U-39	30.5	243.0	-75°	165.0
U-39	56.4	241.0	-75°	165.0
U-40	0	223.8	-53° 48'	143.8
U-40	45.7	235.0	-59°	149.0
U-40	91.4	251.0	-59.1°	149.1
U-41	0	42.9	-46° 19'	136.3
U-41	30.5	69.0	-46°	136.0
U-41	61.0	62.0	-49°	139.0
U-41	89.9	33.0	-52°	142.0
U-42	0	43.9	+68° 18'	21.7
U-43	0	205.0	+89° 15'	0.8
U-44	0	234.4	+60° 46'	29.2
U-45	0	44.0	-80°	170.0
U-46	0	44.0	-50°	140.0
U-47	0	224.0	-80°	170.0
U-48	0	213.0	-55° 34'	145.6
U-48	76.2	203.0	-62.5°	152.5
U-48	118.9	209.0	-68.5°	158.5
U-49	0	221.1	+0° 50'	89.2
U-50	0	187.5	+0° 37'	89.4
U-51	0	224.0	+48°	42.0
U-52	0	227.8	+65° 13'	24.8
U-53	0	253.5	+82° 56'	7.1

az & zen in degrees and 10^{ths}.

az. corrected by -1° 34' for L.A. to UTM rotation
(surveyed az. only)

DDHID.	DEPTH	AZ	DIP	ZEN
U-54	0	31.6	+59°50'	30.2
U-54	30.5	34.0	+62°	28.0
U-54	61.0	33.0	+63.8°	26.2
U-54	91.4	21.0	+68.2°	21.8
U-54	121.9	07.0	+72°	18.0
U-55	0	232.1	+27°04'	62.9
U-56	0	222.1	+28°02'	62.0
U-57	0	218.7	-28°12'	118.2
U-58	0	222.1	+1°40'	88.3
U-58	76.2	230.0	-2.0°	92.0
U-58	106.7	228.0	-2.0°	92.0
U-59	0	225.5	-45°22'	135.4
U-59	30.5	230.0	-47.3°	137.3
U-59	61.0	231.0	-47°	137.0
U-59	91.4	239.0°	-57.5°	147.5
U-59	121.9	243.0°	-62.4°	152.4
U-59				
U-60	0	0	-90°	180.0°
U-61	0	224.0	-70°	160.0°
U-61	45.7	232.0°	-72.8°	162.8°
U-61	91.4	232.0°	-79.0°	169.0°
U-61	121.9	232.0°	-81.5°	171.5°
U-62	0	220.7°	-20°58'	# 111.0
U-62	30.5	224.0°	-24.2°	114.2
U-62	61.0	232°	-31.0°	121.0
U-62	100.6	224.0°	-35.0°	125.0
U-63	0	220.7°	+32°29'	57.5
U-64	0	219.8°	+63°49'	26.2
U-65	0	337.7°	+88°11'	1.8
U-66	0	174.9°	+22°55'	67.1
U-67	0	223.9°	+0°53'	# 89.1°
U-68	0	221.9°	+32°55'	57.1
U-69	0	225.3°	+60°08'	29.9
U-70	0	12.6°	+85°48'	4.2
U-71	0	40.1°	+65°	25.0
U-72	0	222.7°	-56°15'	146.3
U-72	45.7	224.0°	-71.5°	161.5
U-72	112.8	224.0°	-82.0°	172.0

az & zen in degrees & 10^{ths}.

az corrected by -1°34' for K.A. to UTM rotation (surveyed az. only)

DDHID.	DEPTH	AZ	DIP	ZEN
U-73	0	194.7	+1°16'	88.7
U-74	0	148.3	+8°25'	81.6
U-74	45.7	149.0	+3°0	87.0
U-74	76.2	149.0	+1.3°	88.7
U-74	106.7	149.0	-1.0°	91.0
U-75	0	38.1	-75°25'	165.4
U-75	61.0	18.0	-84.0	174.0
U-75	106.7	308.0	-86.0	176.0
U-75	152.4	234.0	-85.9	175.9
U-76	0	169.7	+5°43'	84.3
U-77	0	40.1	-55°37'	145.6
U-77	30.5	44.0°	-59.8°	149.8
U-77	61.0	41.0	-68.0°	158.0
U-77	96.0	34.0	-72.0°	162.0
U-77	7 166.1	71.0°	-84.0°	174.0
U-78	0	134.2	+8°50'	81.2
U-78	45.7	137.0	+4.2°	85.8
U-78	76.2	136.0	+2.0	88.0
U-78	106.7	134.0	+0.0	90.0
U-79	0	216.8	-29°51'	119.9
U-79	45.7	228°	-34.8°	124.8
U-79	96.0	229°	-41.0°	131.0
U-80	0	153.3	+10°05'	79.9
U-81	0	0	-90°	180°
U-82	0	184.5°	+9°38'	80.4°
U-83	0	0	+90°	0.0°
U-84	0	47.9°	-55°03'	145.1
U-85	0	225.5	+65°07'	24.9
U-86	0	39.7°	-31°12'	121.2
U-86	94.5	49.0°	-46.8	136.8
U-87	0	222.1	-53°04'	143.1
U-88	0	0	-90°	180°
U-89	0	199.8	+54°18'	35.7°
U-90	0	37.4	-61°53'	151.9
U-91	0	228.9	-8°26'	98.4
U-91	96.0	232.0°	+1.0°	89.0°

az & zen in degrees & 10^{ths}.

az corrected by -1°34' for KA to UTM
rotation (surveyed az only)

underground

P.5

DDHID	DEPTH	AZ	DIP	ZEN
U-92	0	220.0	+0°04'	89.9°
U-93	0	224.2	+30°32'	59.5°
U-94	0	345.9	+3°0'	87.0°
U-95	0	223.3°	-49°34'	139.6
U-95	61.0	228.0°	-55.9°	145.9
U-95	106.7	227.0°	-60.0°	150.0°
U-96	0	221.7°	+19°27'	70.6
U-96	83.8	226.0°	+17.5°	72.5
U-96	120.4	229.0°	+15°	75.0
U-97	0	217.5°	-31°	121.0°
U-98	0	214.4	-66°42'	156.7°
U-99	0	215.8	-60°20'	150.3
U-99	61.0	221.0°	-68°	158.0°
U-99	106.7	224.0°	-73°	163.0°
U-99	152.4	223.0°	-75.8°	165.8°
U-99	182.9	214.0°	-79°	169.0°
U-100	0	220.9°	+35°06'	54.9°
U-100	61.0	224°	+33°	57.0°
U-100	120.4	234°	+36.8°	53.2°
U-101	0	44°	-85°	175.0°
U-101	160.0	103°	-80°	170.0°
U-102	0	221.1°	+65°27'	24.6
U-103	0	40.8°	-46°42'	136.7
U-103	61.0	57°	-59.8°	149.8
U-103	99.1	61°	-61.5°	151.5
U-103	129.5	68°	-63°	153.0°
U-104	0	41.8°	+63°32'	26.5°
U-105	0	41.7°	-0°47'	90.8°
U-106	0	42.8°	+0°14'	89.8°
U-106	111.3	46°	-1.0°	91.0°
U-107	0	0	+90°	0.0
U-108	0	43.0	-30°57'	121.0
U-109	0	37.2°	+53°41'	36.3°
U-109	35.1	34°	+58°	32.0°
U-109	65.5	32°	+62°	28.0°
U-109	96.0	32°	+65°	25.0°

az & zen in degrees and, 10^{ths},
 az corrected by -1°34' for XA to UTM
 rotation (surveyed az only)

DDH ID	DEPTH	AZ	DIP	ZEN
U-110	0	0	-90°	180.0°
U-111	0	0	-90°	180.0°
U-111	45.7	223°	-89°	179.0°
U-111	91.4	123°	-86.8°	176.8°
U-111	122.8	123°	-83°	173.0°
U-112	0	218.7°	-59°26'	149.4°
U-113	0	44.0°	-58°	148.0°
U-114	0	220.5°	+0°31'	89.5°
U-115	0	224.5°	-65°20'	155.3°
U-116	0	223.5°	+44°52'	45.1°
U-117	0	044°	0°	90.0°
U-118	0	246.8°	+74°31'	15.5°
U-119	0	0	-90°	180.0°
U-119	103.6	054°	-88°	178.0°
U-120	0	038.6°	-0°12'	90.2°
U-121	0	224°	-60°	150.0°
U-122	0	044°	-55°	145.0°
U-123	0	044°	-45°	135.0°
U-124	0	0	-90°	180.0°
U-125	0	226.1°	-30°06'	120.1°
U-126	0	224°	-60°	150.0°
U-126	112.8	228°	-68°	158.0°
U-126	144.8	227°	-68°	158.0°
U-127	0	44.2°	+1°28'	88.5°
U-128	0	44°	-60°	150.0°
U-129	0	224°	-55°	145.0°
U-129	79.9	227°	-61.0°	151.0°
U-129	110.3	227°	-62.5°	152.5°
U-129	140.8	228°	-64.0°	154.0°
U-130	0	249.2°	+84°40'	5.3°
U-131	0	223.9°	-0°56'	90.9°
U-132	0	44.0°	+63°	27.0°
U-133	0	44.0°	-60°	150.0°
U-133	103.6	55.0°	-65°	155.0°
U-134	0	40.7°	-28°48'	118.8°
U-135	0	44.0°	-85°	175.0°
U-135	89.9	114°	-83°	173.0°
U-135	137.2	112°	-83°	173.0°
U-135	182.9	125°	-82°	172.0°

az & zen in degrees and 10^{ths}.
 az corrected by -1°34' for KA to UTM notation
 (surveyed az only)

underground

az & zen in degrees and 10⁺LS.
 az corrected by -1°34' for EA to UTM rotation
 (surveyed az only)

DDHID	DEPTH	AZ	DIP	ZEN
U-136	0	224°	+48°	42.0°
U-137	0	42.4°	+64°	26.0°
U-138	0	45.7°	-48°54'	138.9°
U-138	45.7	43.0°	-52.2°	142.2°
U-138	91.4	42.0°	-59.0°	149.0°
U-138	121.9	44.0°	-62.0°	152.0°
U-139	0	224.0°	+75°	15.0°
U-140	0	48.6°	-58°45'	148.8°
U-141	0	225.5°	+0°19'	89.7°
U-141	94.5			
U-141	42.7	234°	-1°	91.0°
U-141	94.5	239°	-0.0°	90.0°
U-142	0 ?	231.5°	-29°33'	119.6°
U-142	56.4	226°	-32°	122.0°
U-142	140.2	221°	-46°	136.0°
U-143	0	44.0°	-25°	115.0°
U-143	67.1	48.0°	-34°	124.0°
U-143	121.9	55.0°	-44°	134.0°
U-144	0	43.5°	+50°11'	39.8°
U-145	0	44.0°	-65°	155.0°
U-145	45.7	59.0°	-67.5°	157.5°
U-145	91.4	68.0°	-72.0°	162.0°
U-146	0	224°	+88°38'	1.4°
U-147	0	227.6°	+46°08'	43.9°
U-148	0	45.8°	-36°27'	126.5°
U-149	0	0	-90°	180.0°
U-149	106.7	198°	-84°	174.0°
U-149	152.4	193°	-83°	173.0°
U-150	0	216.7°	-73°30'	163.5°
U-150	61.0	217.0°	-75.5°	165.5°
U-150	121.9	203.0°	-84.5°	174.5°
U-151	0	224.0°	+43°	47.0°
U-152	0	139.8°	+87°22'	2.6°
U-153	0	221.8°	-17°13'	107.2°
U-154	0	198.6°	+82°31'	7.5°
U-155	0	224.0°	-56°	146.0°

Underground.

az and zen in degrees and 10^{ths}.

az corrected by $-1^{\circ}34'$ for K.A. to UTM rotation
(surveyed az only)

DDHID	DEPTH	AZ	DIP	ZEN
U-156	0	0	-90°	180.0°
U-157	0	0	-90°	180.0°
U-157	56.4	108 ¹⁰⁸	-84°	174.0°
U-157	117.4	80°	-79.5°	169.5°
U-158	0	224°	+45°	45.0°
U-159	0	30.8°	+66°53'	23.1°
U-160	0	224°	-15°	105.0°
U-161	0	223.5°	-31°52'	121.9°
U-162	0	224°	-65°	155.0°
U-162	38.1	228°	-68°	158.0°
U-162	77.5	216°	-71°	161.0°
U-162	123.4	193°	-76°	166.0°
U-163	0	222.6°	-1°01'	91.0°
U-163	61.0	229.0°	-0°	90.0°
U-164	0	224°	+72°	18.0°
U-165	0	224.6°	-38°36'	128.6°
U-166	0	0	-90°	180.0°
U-166	62.5	218°	-84°	174.0°
U-166	108.2	183°	-83°	173.0°
U-166	152.4	150°	-83.5°	173.5°
U-167	0	222.9°	+42°57'	47.1°
U-168	0	224.0°	-60°	150.0°
U-168	68.6	211.0°	-71.0°	161.0°
U-168	100.6	204.0°	-74°	164.0°
U-168	131.1	193.0°	-75°	165.0°
U-168	161.5	179.0°	-76.5°	166.5°
U-169	0	42.4°	-0°13'	90.2°
U-170	0	6.0°	-88°38'	178.6°
U-171	0	221.5°	+0°20'	89.7°
U-172	0	224°	-24°	114.0°
U-172	45.7	222°	-28°	118.0°
U-172	91.4	219°	-40.5°	130.5°
U-173	224 0	224°	-53°	143.0°
U-174	0	0	+90°	0.0°
U-175	0	40.9°	-35°11'	125.2°

DDH ID.	DEPTH	AZ	DIP	ZEN
U-176	0	224	-70°	160.0°
U-176	76.2	205°	-72°	162.0°
U-176	152.4	183°	-70°	160.0°
U-177	0	50.1	+42°23'	47.6°
U-178	0	54.7	+76°50'	13.2°
U-179	0	223.4	+59°19'	30.7°
U-180	0	330.7	+87°21'	2.7
U-181	0	224°	+3°	87.0
U-182	0	0	-90°	180.0
U-182	88.1	203°	-82°	172.0°
U-182	149.1	223°	-81°	171.0°
U-183	0	228.1	-29°56'	119.9
U-184	0	224.0	-55°	145.0°
U-184	103.6	209.0	-62°	152.0°
U-184	164.6	200.0	-71°	161.0°
U-185	0	220.7	+1°36'	88.4°
U-186	0	226.7	+72°28'	17.5°
U-187	0	222.9	-35°36'	125.6°
U-188	0	41.5	-0°23'	90.4°
U-189	0	49.9	-43°56'	133.9°
U-190	0	44.0	-70°	160.0°
U-190	73.2	73.0	-81°	171.0°
U-190	103.6	109.0	-85°	175.0°
U-191	0	254.9	+88°31'	1.5°
U-192	0	51.3	-68°32'	158.5°
U-192	118.9	45.0	-81.0	171.0°
U-193	0	224.7	+1°41'	88.3°
U-194	0	131.0	-85°47'	175.8
U-194	61.0	272.0	-85°	175.0
U-194	118.9	253.0	-86°	176.0
U-195	0	47.4	+1°41'	88.3°
U-196	0	215.1	-63°39'	153.7
U-196	61.0	230.0	-73°	163.0
U-196	100.6	247.0	-75°	165.0°
U-197	0	231.8	+40°16'	49.7°

DDHID.	DEPTH.	AZ	DIP	ZEN
U-198	0	32.0°	-57°	147°
U-198	10.7	34.0°	-56°	146°
U-198	56.4	34.0	-60°	150°
U-198	102.1	34.0	-66°	156°
U-198	150.9	24.0	-71.0°	161°
U-199	0	226.8	+0° 45'	89.3
U-199	67.1	226.8	-0.0	90.0
U-199	124. 125.0	226.8	-1.0	91.0
U-200	0	42.7	+0° 43'	89.3
U-201	0	162.1°	-0° 30'	90.5
U-202	0	120.9	-0° 23'	90.4
U-203	0	80.0	-0° 48'	90.8
U-204	0	0	-90°	180.0
U-205	0	39.8	+1° 17'	88.7
U-205	82.3	42.0°	-6°	96.0°
U-206	0	160.4	+87° 26'	2.6°
U-207	0	47.5	0	90.0°
U-208	0	60.5	-70° 40'	160.7°
U-208	65.5	63.0	-74°	164.0°
U-208	126.5	68.0°	-71°	161.0°
U-209	0	154.5	-89° 00'	179.0°
U-209	89.9	3.0°	-86°	176.0°
U-210	0	219.3	-67°	157.0°
U-210	107.6	218.0°	-77°	167.0°
U-211	0	222°	-64°	154.0°
U-211	62.5	222°	-65.5°	155.5°
U-211	108.2	218°	-71.0°	161.0°
U-212	0	56.5°	-85° 49'	175.8°
U-213	0	44.5°	-64° 57'	155.0°
U-213	73.2	43.0°	-68°	158.0°
U-213	118.9	63.0°	-73°	163.0°
U-214	0	49.1	-1° 39'	91.7
U-215	0	62.8	-65° 11'	155.2
U-215	89.9	56.0	-71°	161.0
U-215	135.6	33°	-75°	165.0

DDHID.	DEPTH.	AZ	DIP	ZEN
U-216	0	223.9	-81°23'	171.4
U-216	61.0	204.0	-82.0	172.0
U-216	121.9	155.0	-82.5	172.5°
U-217	0	244.0°	-82	172.0
U-217	12.2	288.0	-82	172.0
U-217	73.2	0.0	-87	177.0
U-217	118.9	83.0	-88.2	178.2
U-218	0	229.8	-23°05'	113.1

