HOLE NO. 1

CASING COLLAR ELEV.:

GROUND ELEV.: 5020'! (4990 - 31 mil.)

COORDINATES: 9095 N. 8880' E.

INCLINATION: -45

BEARING: 230°

PROJECT: SULTANA

DATE STARTED: JUNE 20 1971

DATE FINISHED: JUNE 24 1971

TOTAL DEPTH: 501'

810982

PAGE NO: 1 OF 9

REF. TO CLAIM CORNER: 1015' @ 023° to Silver Tip #6 M.C. F.F.

SCALE: 1" = 10'

LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: BRECIATE	ALTERATION: K-SPAR	ALTERATION: SILICIFICATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED % Cu % Mo % Ag
0							0-8' STICK-UP								
10							8'-11' OVERBURDEN								
					py, cpy, MoS2		11 to 501' - GRANODIORITE - med. grained - light grey - fresh + unaltered 20-30 % Qtz 10-12 % Orthoclase 20-35 % Plag 15-20 % BIOTITE - euhedral books 5-10 % Hbl - Fracturing is generally very weak, with what little alteration there is being restricted to within inches of mineralized fractures and fractures with gypsum.		72"		BQ			
					py, cpy					63					
20				W			20'-21 fresh Granod. 21'2" to 21'-9" - v. weak arg. alt^n			120"					
					1% cpy					116"					
							21'-29' gradation G.D → DIORITE → G.D. . Qtz is the dominant vein mineral and may or may not be assoc. with py, cpy, or MoS2. Pyrite is by far the major sulfide in total volume. Sulfides are almost wholly restricted to qtz. v. or shear etc., but very, if conc. in a vein, disseminate a short distance into the wall-rock.			84					
30				W			31' - fresh G.D. traces of diss sulf								
							34' - fresh G.D. - no visible sulf. to 37'			93½					
				W	1%					36					
										37½					
40							39-45 mod. arg. alt^n								
				W						120"					
							45-52 - fresh G.D. (45½ - 46½ mod arg alt^n)								
										116"					
50					py, cpy, MoS2										
				W			49-50 fresh G.D.								
				V.S.			Built 2 core 57' 58½' (sized + G.D. ex chips) py @ 57'								
							58 fract - no discernible orientation								

PAGE NO.: 1 OF 9

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: 9095 N. 8880 E.

INCLINATION: -45° BEARING: 230°

PROJECT: SULTANA

DATE STARTED: JUNE 20 '71

DATE FINISHED: JUNE 24 71

TOTAL DEPTH: 501'

HOLE NO.: C-1

REF. TO CLAIM CORNER: 1015' @ 023° to SILVER Tip #6 MC F.P.

SCALE: 1" = 10'

LOGGED BY: R.B. ANDERSON

DEPTH INTERVAL FROM	DEPTH INTERVAL TO	CORE SAMPLE NO.	INCHES REC.	% REC.	ASSAY Cu	ASSAY Mo			
0	10'	75551			0.09	0.003			
10	20	75552			0.14	0.002			
20	30	75553			0.04	<0.001			
30	40	75554			0.02	<0.001			
40	50	75555			0.04	<0.001			
50	60	75556			0.41	0.009			

DEPTH INTERVAL FROM	DEPTH INTERVAL TO	SLUDGE SAMPLE NO.	LBS. REC.	% REC.	ASSAY				

HOLE NO.: C-1 | PROJECT: SULTANA | PAGE NO: 2 OF 9

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: JUNE 20 1971 | REF. TO CLAIM CORNER:

COORDINATES: 9075 N. 8890 E. | DATE FINISHED: JUNE 24, 1971 | SCALE: 1" = 10'

INCLINATION: -45° | BEARING: 230 | TOTAL DEPTH: 501' | LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: ARGILLIC	K-SPAR	SILICIFICATION		FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
60'								Fault gouge, no visible sulf.			17"					
					M			Rubble py², thin plag vt. on several fract @ 35° - w qtz.			50	50				
								fract (slickensides), plag + qtz on fract. GRANODIORITE (cont) see page 1			62"					
					M	py		(rubble) GD @ 65'6" py¹ vt. @ 40			48"					
70								68'6" - 71'6" w. arg. alt^n - mod fract 35° to 45° predominant - plag + qtz still on fract.								
					M			71'6" - 77'0" - mod. fract. - v. w arg. alt^n - fract every 1" - 1½" @ 35° - 40°			120" / 87"					
						py²		2 - ½" qtz. vt. @ 20° py² - w. arg alt^n for 1" either side								
								tight qtz vt @ 50° py²								
								talc on shear @ 60°								
								barren fract @ 45°								
								fract. every ½" @ 20°, plag + qtz on fract (fresh G.D)								
80								narrow qtz vt @ 50° py¹								
					M			chloritic sulf on fract @ 60°			120" / 108"					
								78'6" - 95'0" - Mod fract. - plag + qtz on fract @ 20-30°								
								1" purple aplite dyke @ 65°								
								86'6" - 95'0" - Barren fract. with plag + qtz every 1" @ 0°-20°								
90								G.D fresh to weak arg. alt^n			120" / 105"					
					M	py										
								2 narrow qtz. vt. @ 60° py²								
								½" chloritic fold vt. @ 65° py								
								tight qtz vt. @ 80° py² tight qtz. vt. @ 40° py²		6.75%						
								barren fract. @ 60°								
								py² on fract.								
								tight qtz vt. @ 45° py²								
100						py² cpy²		½" qtz vt. py²			120" / 115"					
					W			narrow qtz. vt. @ 45° py² cpy²								
								narrow qtz vt. @ 80° py² cpy²		~1½%						
								tight fract. @ 60° py²								
								barren fract @ 70° narrow qtz. vt. @ 85° py cpy (n.b. Mod. K-spar alt^n ¼" each side)								
								narrow qtz. vt. @ 30° py²								
								py² on fract. @ 70°								
						py² cpy² MoS₂										
110								sheared sulf. on fract @ 45° (n.b. Mod. arg alt^n ½" each side)			120 / 116"					
								narrow qtz. vt. @ 60° py² cpy²								
								barren fract.								
					W			¼" qtz. vt. @ 75° py² cpy² MoS₂² 102 - 110 fresh G.D. 112'6" - 118'0" core shattered + disoriented - mod K-spar alt^n disc sulf approx 1%		2.25%						
								¼" shear - py. cpy² (n.b. mod arg. alt^n 1" either side)								
								py² on fract @ 80°								
						py MoS₂		sheared sulf. on fract & plag + qtz @ 50°								
								narrow fract @ 40° py²								
					W			barren fract @ 70°								
								½" qtz vt @ 70° MoS₂¹⁺ cpy² py² (n.b. mod. silica alt^n 1" each side)								

PAGE NO.: 2 OF 9

PROJECT:

HOLE NO.: C-1

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED:

REF. TO CLAIM CORNER:

COORDINATES: N. E.

DATE FINISHED:

SCALE:

INCLINATION:

BEARING:

TOTAL DEPTH:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
		SAMPLE NO.	INCHES REC.	% REC.	ASSAY							SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
FROM	TO				Cu	Mo				FROM	TO								
60	70	75557			0.01	<0.001													
70	80	58			0.02	<0.001													
80	90	59			0.02	0.002													
90	100	60			0.05	0.002													
100	110	61			0.14	0.002													
110	120	62			0.14	0.008													

HOLE NO. C-1	PROJECT: [illegible]	PAGE NO: 3 OF 7	
CASING COLLAR ELEV.:	GROUND ELEV.:	DATE STARTED: JUNE 20 1971	REF. TO CLAIM CORNER:
COORDINATES:	N. E.	DATE FINISHED: JUNE 24 1971	SCALE: 1" = 10'
INCLINATION: -45°	BEARING: 230°	TOTAL DEPTH: 501'	LOGGED BY: [illegible]

SECTION	ALTERATION (Argillic, Propylitic)	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
120'													
		W			sheared sulf. in fract @ 70° numerous fract @ 40° - py shearing @ 50° (N.B. arg. alt° 1" each side) tight Qtz vt. @ 80° py		<0.5%	120" 72"		EO			
		M			127'3" - 128' - RUBBLE								
130'		W	py Mo-2		2 barren fracts. @ 45° 2 fracts @ 80° py 1/8" Qtz. vt. py++, Cpy-- @ 50° 132'6" - 132'6" shearing @ 45° narrow fract @ 50° py tight Qtz vt. @ 70° py (N.B. weak K-spar alt° 1/2" each side [illegible] Qtz vt. @ 20° Cpy+++ (N.B. w. Hematite 1/3" each side tight Qtz vt. @ 30° py (N.B. weak K-spar alt° 1" each side) 1/8" Qtz. vt. @ 40° py++ (N.B. weak K-spar alt° 1" each side) sheared sulf. on fract @ 20° tight Qtz vt. @ 25° py tight Qtz vt. @ 45° py narrow fract @ 50° py sheared sulf. on fract @ 60° 1/8" Qtz vt @ 20° py sheared sulf. on fract @ 60° gyp. on fract @ 25° py+ Cpy+ narrow Qtz vt. @ 45° py++ 145'5" - 147'3" MASSIVE, NON-Fractured	132'6" - 132'6" CRUSHED → DICKITE → CRUSHED. (assimilate?)	<0.5%	52" 60" 91" 10" 55" 64 87"					
140'		W	py py				<0.5%						
150'		W	py Cpy Mo-2		narrow fract @ 60° narrow Qtz vt @ 60° py gyp. on fract @ 50° 1/4" Qtz. vt. @ 20° py++ narrow Qtz vt. @ 20° py+ 1/8" Qtz vt @ 20° py++ (N.B. med. silica alt° 1/2" each side) 1/2" Qtz vt. @ 20° py++, Cpy+ (N.B. weak K-spar alt° 1/4" each side) tight Qtz vt @ 30° py sheared sulf. on fract @ 60° py Mo S2 1/8" Qtz vt. @ 20° py Cpy sheared sulf. on fract @ 45° py tight Qtz vt. @ 60° Py Cpy 147'6" - 170' - FRESH G.D.		10.5	108" 112"					
160'		W			narrow Qtz. vt. @ 50° Py 1/4" Qtz vt. @ 20° Py narrow Qtz. vt. @ 60° py Cpy Mo S2 1/2" Qtz vt. @ 25° Py++, Cpy++ (N.B. w silica alt° 2" each side)		<0.5	96" 93"					
170		W			sheared sulf. on fract @ 60° barren fract @ 30° numerous narrow fracts. with plag @ 60° 169 - 170 fresh G.D.		~0.5	78" 73					
		S			172'0" - 172'6" fault @ 45° 1/4" Qtz. vt. @ 70° py Cpy 170' - 178' - med. arg. alt° 172'8" → 174'6" - RUBBLE		?	42 23"					
		M			barren fract @ 60° 175'6" → 182'0" - RUBBLE (dominant fract dir. 40° to 60°		?	32"					
					narrow Qtz vt. @ 30° py		?						

PAGE NO.: 3 OF 9

PROJECT:

HOLE NO.: C-1

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED:

REF. TO CLAIM CORNER:

COORDINATES: N. E.

DATE FINISHED:

SCALE:

INCLINATION:

BEARING:

TOTAL DEPTH:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
FROM	TO	SAMPLE NO.	INCHES REC.	% REC.	ASSAY Cu	ASSAY Ni				FROM	TO	SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
120	130	755563			0.01	0.001													
130	140	64			0.06	0.015													
140	150	65			0.03	0.001													
150	160	66			0.08	<0.001													
160	170	67			0.06	0.001													
170	180	68			0.08	<0.001													

HOLE NO.: C-1 | PROJECT: SULTANA | PAGE NO: 4 OF 9

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: JUNE 20 1971 | REF. TO CLAIM CORNER:

COORDINATES: N. E. | DATE FINISHED: JUNE 24 1971 | SCALE: 1" = 10'

INCLINATION: -45 | BEARING: 230° | TOTAL DEPTH: 501' | LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: ARGILLIC	ALTERATION: K-SPAR	ALTERATION:	ALTERATION:	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
180					S											
					S			Rubble			10" 12'					
								GRANODIORITE (cont.) see page 1								
					W	py° cpy°		sheared sulf. on fract @ 60°			54"					
								barren fract @ 60°								
								narrow Qtz. vt. @ 40° Py+ — ½" Qtz vt @ 25° massive Py° Cpy° (Py/Cpy = 7%/30)			59"					
								½" Qtz vt. @ 25° py° (N.B. mod silica alt° ½" each side)								
190								sheared sulf. on fract. @ 60°								
								py° on fract.		<0.5%						
								gyp on fract. @ 25°								
					W			barren fract of 60°			73"					
								Sheared Sulfs. on fract. @ 70° sheared sulf. on fract @ 20° py° (N.B. Med Hrg Alt° 1½" each side)								
								Qtz. fold. vt. @ 25° py° cpy° N.B. med. arg alt° 1" each each side								
								sh. sulf. on fract. @ 60° py° cpy°								
								flag. on fract. @ 70° py°								
						py cpy		narrow Qtz vt. @ 55° py°								
								½" Qtz. vt. @ 70° py° cpy° (N.B. mod silica alt° ½" each side)		~1.0%						
200					W			" " " @ 40° py° cpy° narrow Qtz. vt @ 40° py°			109					
								narrow Qtz vt @ 70° py cpy°								
								narrow Qtz vt @ 80° py cpy°								
								barren fract @ 55° py cpy° ½" Qtz vt @ 70° py° cpy°								
								½" Qtz vt @ 70° Py° cpy°								
								½" gyp. on fract. @ 55° py cpy° - (N.B w. K-spar alt° ½" each side)								
								py° on fract @ 70°								
						Py Cpy MoS_2		barren fract @ 80° 202 - 211 fresh G.D.								
					W			py° cpy° MoS_2° on fract. @ 55°		<.5%	105'					
								py° on fract @ 30°								
210								gyp on fract @ 70° py° cpy°								
								gyp on fract @ 55° ½" Qtz. vt. @ 55° py° cpy° MoS_2° (N.B. w. arg alt° ½" each side)								
								narrow Qtz. vt. @ 70° Py° — narrow Qtz. vt. @ 25° Py°								
								½" Qtz. vt. @ 40° py° cpy°								
								½" Qtz. vt. @ 70° Py°+ Cpy°+ MoS_2° (N.B. diss. sulf up to 3% ½" each side - med arg. alt° 1" each side)		~1.5%						
					W			½" Qtz. vt. @ 40° py° cpy° narrow Qtz. vt. @ 90° py°			77'					
								py° on fract. @ 55°								
								narrow Qtz vt. @ 60° py°								
								" " " @ 10° py° cpy°								
220								2 fracts. @ 60° Py° (gyp) 219'9" - 220'0" RUBBLE								
								fract. @ 60° py°								
								Py° - gyp. on fract @ 70°			120'					
					W			1/16" Qtz. vt. @ 35° Py° Cpy° (N.B. w. K-spar alt° ¼" each side)			120"					
						Py Cpy		gyp. on fract. @ 45° py°								
								narrow fract. @ 45°								
								Py° on fract @ 60° 228'6" - 231'0" BLOCKY - BUBBLE								
								sheared sulf. on fract. @ 70° py° cpy°								
230						Py		Py° on fract @ 60° narrow Qtz. vt. @ 30° Py°+								
								narrow Qtz. vt. @ 20° Py°+ Cpy°		0.8%						
					W	py° Cpy° MoS_2°		½" Qtz. vt. @ 20° Py°++ Cpy°+								
								narrow Qtz. vt. @ 10° py° cpy° MoS_2°			120'					
						py° Cpy°		barren fract @ 60°								
								Py° Cpy° on fract @ 30°								
								½" Qtz. vt. @ 20° Py°++ Cpy°+								
								gyp on fract @ 60°								
						Py Cpy		narrow gyp vt. @ 60° Py° (no sulf)								

PAGE NO.: 4 OF 9

PROJECT:

HOLE NO.: C-1

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED:

REF. TO CLAIM CORNER:

COORDINATES: N. E.

DATE FINISHED:

SCALE:

INCLINATION:

BEARING:

TOTAL DEPTH:

LOGGED BY:

CORE										SLUDGE									
DEPTH INTERVAL		SAMPLE NO.	INCHES REC.	% REC.	ASSAY					DEPTH INTERVAL		SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
FROM	TO				Cu	Mo				FROM	TO								
180	190	15569			0.03	0.001													
190	200	70			0.03	<0.001													
200	210	71			0.02	<0.001													
210	220	72			0.05	0.007													
220	230	73			0.03	0.006													
230	240	74			0.08	0.011													

HOLE NO. C-1

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: N. E.

INCLINATION: -45° BEARING: 230°

PROJECT: SULTANA

DATE STARTED: JUNE 20 1971

DATE FINISHED: JUNE 24 1971

TOTAL DEPTH: 501'

PAGE NO: 5 OF 9

REF. TO CLAIM CORNER:

SCALE: 1" = 10'

LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: ARGILLIC	ALTERATION: K-SPAR	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
240						GRANODIORITE (cont) see page 1								
						gyp. on fract @ 65° sheared sulfs. on fract @ 65°								
			W			gyp. on shear @ 65°								
						" " " "		<0.5%	1					
						1/16" Qtz. vt. @ 45° py+ (N.B. K-spar alt^n for 1/4" each side)			116"					
				py		2 barren fracts @ 45°								
				cpy		narrow Qtz vt. @ 25° py+ cpy-								
250						py+ cpy- + gyp. on fract. @ 35°								
						talc on shear @ 20° py-								
						narrow Qtz. vt. @ 20° py+ cpy-								
			W	py		1/4" Qtz vt. @ 70° Py++ Cpy++ (N.B. w. K-spar alt^n 1/4" each side)								
				cpy		1/3 blob py		<0.5%						
						py+ cpy+ on fract @ 35°								
						py- on fract @ 55°								
						Gyp + plag on fract @ 25°			120					
						2 barren fracts @ 50°								
260			W	py		shearing @ 8°								
				cpy		narrow Qtz. vt. @ 70° Py+ Cpy+ (N.B. K-spar alt 1/4" each side)			26"					
				py		1/8" Qtz. vt. @ 20° py-								
						py+ cpy+ on fract. @ 30°								
			W			2 very narrow Qtz. vt. @ 70° Py-		<0.5%						
						2 barren fracts @ 60°								
						barren fract.								
						gyp on fract. @ 60°								
				py		1/8" sheared Qtz vt @ 65° py++ cpy+ MoS_2- (N.B. mod. Arg. alt^n 1/3" each side)								
				cpy		sheared sulf on fract. @ 65°			83"					
				py+		narrow Qtz. vt @ 20° py+ cpy+								
				cpy+		py+ on fract @ 35°								
270						1/8" Qtz vt. @ 30° Py+ cpy+								
			W			talc on shear @ 70°								
						narrow Qtz. vt. @ 30° py+		<0.5%						
						narrow " " @ 20° py++								
						" " " @ 30° Py			49"					
						" " " " " py+								
			W	py		1/4" Qtz. vt. @ 30° py+ cpy (N.B. weak Arg. Alt^n 1/3" each side)		<0.5%	55"					
				cpy		narrow " " " @ 40° py-								
			M			barren fract @ 40°								
						narrow Qtz. vt. @ 80° py+			24"					
			M			barren fract @ 70°								
						sheared sulf. on fract @ 70° py+			18"					
280						narrow Qtz. vt. @ 80° Py-								
			M			qtz on fract @ 80°								
						gyp + sheared sulf on fract @ 75° py-								
						sheared sulf on fract @ 70° 1/2" Qtz vt. py+ cpy 282-283 RUBBLE		~0.5%	53"					
						narrow qtz. vt. @ 70° Py								
						vert. ch. sulf. in fract.								
						1/4" Qtz. vt py+ cpy+ (N.B. w arg. alt^n 1/4" each side)								
			W			py- on fract.								
						287'6" - 288 - RUBBLE		~0.7%	50"					
				py		1/3" Qtz vt py+ cpy MoS_2- (N.B. mod. arg. alt^n for 2" each side) 287-290 w arg. alt^n								
290				cpy		gyp. on shear py+ gyp. on fract								
			W	MoS_2		1/8" Qtz vt py++ Cpy- MoS_2- (2)		<.5%	58"					
						py- on fract								
						narrow qtz vt. py cpy								
			W			1/4" Qtz vt. py- cpy								
						2 sheared Qtz vt Py Cpy MoS_2- (N.B. int arg. alt^n for 2" each side)		<.5%	36"					
			S											
			S			296-297 RUBBLE		~.5	8"					
			S			1/8" Qtz v. py++ cpy+ MoS_2+ (N.B. int. shearing w. fracturing wall) 297-307 - RUBBLE - Strong fract.		~.5	5"					

fract. gen. at 30°

PAGE NO.: 5 OF 9

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

HOLE NO.: C-1

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

CORE											SLUDGE									
DEPTH INTERVAL		SAMPLE NO.	INCHES REC.	% REC.	ASSAY					DEPTH INTERVAL		SAMPLE NO.	LBS. REC.	% REC.	ASSAY					
FROM	TO				Cu	MoSo				FROM	TO									
240	250	75575			0.03	0.002														
250	260	76			0.06	0.005														
260	270	77			0.05	0.002														
270	280	78			0.06	0.004														
280	290	79			0.12	0.144														
290	300	80			0.05	0.004														

HOLE NO. C-1 | PROJECT: SULTANA | PAGE NO: 6 OF 9

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: JUNE 20 1971 | REF. TO CLAIM CORNER:

COORDINATES: N. E. | DATE FINISHED: JUNE 24 1971 | SCALE: 1" = 10'

INCLINATION: -45° | BEARING: 230° | TOTAL DEPTH: 501' | LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: Argillic	ALTERATION: K-spar	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
300			S			298-307' RUBBLE GRANODIORITE (cont. see page 1)		20.5%	32"					
			S					~.2%	6"					
310			S			ch. zone - mod arg alt^n py^- gyp + ch. sulf. on fract. 60°		1.5%	12"					
			M	py cpy		narrow Qtz vt. py^- py^+ cpy^+ (N.B. mod K-spar alt^n 1/4" each side)		~.5%	24"					
						py on fract.								
			S	py cpy MoS_2		py^- on fract. 1/8" Qtz vt @ 55° py cpy^+ MoS_2^+ sheared sulf. on fract.		~.5%	18"					
320			W			narrow Qtz vt. py cpy^+ (N.B. - mod K-spar alt^n for 1/4" each side) narrow " py^+. gyp on fract narrow Qtz. vt - py^+ cpy^+ 1/4" aplite dike py^- on fract @ 20°		~.2%	104"					
			W	py cpy		narrow qtz vt. py^- hematite on fract. narrow qtz. vt. py^+ cpy^+ (N.B. mod. K-spar alt^n 1/4" each side) 1/2"-1/8" intervr narrow qtz. vt @ 50° Py^+		4.5%						
330			W			sheared sulfs. on fract - (M- arg alt^n 1" each side)		~.5%	64"					
				py		py^- on fract.								
			W	py cpy		gyp py^- on fract. 1/2" Qtz. vt. py cpy^- gyp py^- on fract.		~.5%	88"					
340						narrow Qtz. vt. py^- cpy^- py^- on fract. 1/2" qtz. vt. py^+++ cpy^+ (N.B mod arg. alt^n 1" each side)								
			W			py^- on fract.								
						py^- on fract. py^+ on fract.		~.8%	63"					
			W			narrow Qtz. vt. py^- cpy^- " " " py^-		~.2%	8"					
350			W	py cpy		py^- cpy^- on fract. py^- cpy^+ on " py^+ on shear narrow Qtz. vt. py^+ 1/8" Qtz. vt. py cpy^+		1.5%	74"					
				py		gyp on fract - py gyp on fract								

PAGE NO.: 6 OF 9

PROJECT:

HOLE NO.: C-1

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED:

REF. TO CLAIM CORNER:

COORDINATES: N. E.

DATE FINISHED:

SCALE:

INCLINATION:

BEARING:

TOTAL DEPTH:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
FROM	TO	SAMPLE NO.	INCHES REC.	% REC.	ASSAY Cu	ASSAY MnS_2				FROM	TO	SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
300	310	75581			0.05	0.004													
310	320	82			0.06	0.003													
320	330	83			0.03	0.004													
330	340	84			0.02	0.002													
340	350	85			0.04	<0.001													
350	360	86			0.02	0.001													

HOLE NO. C-1	PROJECT: SULTANA	PAGE NO: 7 OF 9	
CASING COLLAR ELEV.:	GROUND ELEV.:	DATE STARTED: JUNE 20 1971	REF. TO CLAIM CORNER:
COORDINATES:	N. E.	DATE FINISHED: JUNE 24 1971	SCALE: 1" = 10'
INCLINATION: -45°	BEARING: 230°	TOTAL DEPTH: 501'	LOGGED BY: R. E. ANDERSON

SECTION	ALTERATION: Mnetitic	ALTERATION: K-spar	ALTERATION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
360'								narrow Qtz. vt. py⁺cpy⁺ (N.B. w. K-spar alt^n ½" each side py⁺cpy⁺ on fract (N.B. w. K-spar alt^n ½" each side) 3" Qtz v - massive py cpy 30/50 GRANODIORITE cont. -see page 1		<0.5	105'					
					W											
					W					<0.5	35'					
370					W	py cpy		sheared sulf on fract narrow Qtz v. py⁺ cpy narrow Qtz v py py⁺ cpy⁺ (N.B. mod. K-spar alt^n for ¼" each side) py⁺ on fract. ½" Qtz v. py cpy gyp. on fract. py⁺ on fract.		~0.5	84"					
						py		narrow Qtz vt. - py⁺								
					W	py cpy		narrow Qtz vt. - py⁺ cpy		<0.5	92"					
380								gyp. on fract.								
								narrow Qtz vt. py⁺ cpy⁺ MoS₂⁺ 1" Qtz v. (sulf. sheared) (N.B. mod K-spar alt^n for 3" each side) " narrow Qtz vt. py⁺ cpy⁺ MoS₂⁺ (N.B. mod. arg. alt^n. for 1" each side) " " " py⁺								
					W					<0.5						
								narrow Qtz vt. py cpy⁻			118"					
390								½" Qtz. vt. py⁺⁺ cpy⁻								
								¼" Qtz vt. py⁺ cpy - MoS₂⁺ (N.B. mod K-spar alt^n for 1½" each side)								
					W			narrow Qtz. vt. - py⁺cpy⁺ narrow Qtz. vt. - py⁻ py⁺ cpy⁻ on fract.		~0.5	81"					
						py cpy MoS₂		gyp on fract narrow Qtz vt - py⁻ " " " py⁻ cpy⁻ MoS₂⁺⁺								
400					V.W.	py cpy		narrow Qtz - py⁻ cpy⁺ (N.B. weak K-spar alt^n ¼" each side)		~1.0						
								¼" Qtz vt. py⁺ cpy⁺ py⁻ on fract.			118"					
								narrow Qtz v. py⁻ cpy⁻ fract py⁻ cpy⁻ (N.B. weak-spar alt^n ¼" each side) sheared sulf. on fract								
								sheared sulf. on fract - py⁻ narrow Qtz. vt. - py⁺ cpy⁻ ½" Qtz v. py⁺⁺⁺ cpy⁺								
410								narrow Qtz v. py⁻ cpy⁻ ⅛" Qtz. v. py⁺⁺ cpy⁻ (N.B. mod. K-spar alt^n ½" each side)								
					V.W					<0.5						
						py cpy		py cpy⁻ on fract.			124"					
								narrow Qtz vt. cpy⁺⁺ py⁻								
						py cpy MoS₂		¼" Qtz vt. py⁺ cpy⁻ MoS₂⁺⁺		<0.5	114"					
					W			narrow Qtz vt. py⁻ cpy⁻ MoS₂⁺ py⁻								

PAGE NO.: 7 OF 7

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

HOLE NO.: C-1

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
		SAMPLE NO.	INCHES REC.	% REC.	ASSAY							SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
FROM	TO				Cu	Mo				FROM	TO								
360	370	75587			0.47	0.001													
370	380	88			0.06	0.002													
380	390	89			0.05	0.002													
390	400	90			0.07	0.017													
400	410	91			0.14	0.003													
410	420	92			0.06	0.002													

HOLE NO.: C-1 | PROJECT: SULTANA | PAGE NO: 8 OF 9

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: JUNE 20 1971 | REF. TO CLAIM CORNER:

COORDINATES: N. E. | DATE FINISHED: JUNE 24 1971 | SCALE: 1" = 10'

INCLINATION: -45° | BEARING: 230° | TOTAL DEPTH: 501' | LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: Argillic	ALTERATION: K-spar	ALTERATION:	ALTERATION:	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
420																
					W			narrow Qtz vt. py⁻ cpy⁻ GRANODIORITE-cont. see page 1		<0.5						
						py cpy		1" aplite vt. sheared sulf + gyp on fract			114"					
								py⁺ on fract. narrow Qtz vt. py⁻ cpy⁺								
430					W			narrow Qtz. vt. - py⁺ narrow Qtz vt py⁻		~0.5	42"					
								¼" Qtz vt py⁻ cpy⁺⁺ gyp + py⁺ on fract. (N.B. mod. Arg. alt^n 1" each side)								
					W	py cpy MoS_2		⅛" Qtz vt. - cpy⁺⁺ sheared sulf on fract - gyp. narrow Qtz vt. py⁺⁺ cpy⁺ MoS_2 = (N.B. weak K-spar alt^n for ¼" each side)		~0.5	69"					
								1/10" Qtz.v. py⁺ cpy⁺ Hematite narrow Qtz vt. cpy⁺⁺								
440						cpy		gyp. on fract. narrow Qtz. vt. - cpy⁺⁺ py⁻ (N.B. mod K-spar alt^n ¼" each side narrow Qtz. vt. - py								
					V.W.			narrow Qtz. vt. py cpy⁻ (N.B weak Arg. Alt. for ½" each side)		<0.5						
						py cpy		¼" Qtz vt. py⁺ (N.B. weak K-spar alt^n ¼" each side narrow Qtz. vt. - py⁺ cpy⁺ (N.B. mod. K spar alt^n ½" each side) gyp. on fract.			118"					
								⅛" Qtz vt cpy⁺⁺ py⁺ (mod K-spar alt^n for 1" each side narrow Qtz vt py cpy⁻								
450								⅜" Qtz. vt py⁺ cpy⁻ ½" Qtz. vt py⁺⁺ cpy⁻ MoS_2 = (N.B. mod. arg. alt^n 2" each side)								
					W			py⁻ gyp on fract. narrow Qtz vt. py⁺		~0.5	117"					
								py⁺ on fract								
								gyp. on fract - (N.B mod Arg Alt^n 1" each side) sheared sulf + gyp on fract								
460								459-461 - ¼" vert. shear. - gyp - py cpy - mod Arg alt^n								
					V.W.					<0.5						
								½" Qtz.v. py⁺ cpy⁻ narrow Qtz vt. py⁻ cpy⁻ narrow Qtz vt. py⁻			115"					
								gyp. on fract. (N.B. mod. arg alt^n ½" each side) sheared sulf. on fract. py⁺ on fract								
470								¼" Qtz.vt. py⁺ cpy⁺ MoS_2⁺ (N.B. mod Arg. alt^n ½" each side) gyp on fract.								
					V.W	py cpy		narrow Qtz. vt. - py⁺ cpy		~1.0%	116"					
								⅛" Qtz vt py⁺ cpy⁺ (N.B. mod arg. alt^n 1" each side)								
								⅛" Qtz vt. py⁻ cpy⁻ (N.B. mod arg. alt^n ½" each side) sheared sulf on fract. py⁺ on fract (N.B. mod arg. alt^n 1" each side)								

PAGE NO.: 8 OF 9

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

HOLE NO.: C-1

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
FROM	TO	SAMPLE NO.	INCHES REC.	% REC.	ASSAY Cu	ASSAY Pb				FROM	TO	SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
420	430	75593			0.06	0.003													
430	440	94			0.12	0.001													
440	450	95			0.08	0.003													
450	460	96			0.04	0.007													
460	470	97			0.05	0.001													
470	480	98			0.08	0.012													

HOLE NO. C-1
CASING COLLAR ELEV.: GROUND ELEV.:
COORDINATES: N. E.
INCLINATION: -45° BEARING: 230°

PROJECT: SULTANA
DATE STARTED: JUNE 20 1971
DATE FINISHED: JUNE 24 1971
TOTAL DEPTH: 501'

PAGE NO: 9 OF 9
REF. TO CLAIM CORNER:
SCALE: 1" = 10'
LOGGED BY: R.B ANDERSON

SECTION	ALTERATION: Argillic	ALTERATION: K-spar	ALTERATION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
480						py		[illegible] py cpy Narrow Qtz vt. py cpy Narrow Qtz vt. py cpy on fract. py Narrow Qtz vt. py Sheared calc on fract (N.B. int. Arg. Alt° 1" each side cpy on fract - N.B. mod Arg Alt° for 1" each side) Narrow Qtz vt py cpy		~0.5	12.0"					
490					V.W	py cpy		cpy on fract - py= (N.B. weak Arg Alt° for 1/2" each side) py= cpy= on fract. Narrow Qtz vt py= (N.B weak Arg Alt° 1/4" each side)		<0.5						
					V.W	py cpy Mo		py= on fract. 1/2" Qtz.v. py+ cpy- Mo- (N.B. mod Arg Alt° 1" each side) 1" " py+ cpy+ (N.B. mod Arg Alt° 1 1/2" each side Altered [illegible] cpy on fract. (N.B mod K-spar alt° 1/4" each side) Narrow Qtz vt. py cpy			11.4					
500					V.W	py cpy		py= on fract 1/2" Qtz vt. - py+ 1/4" Qtz v py+ cpy-		<0.5	4.6"					

GRANODIORITE CONT See page 1

— END of HOLE —

PAGE NO.: 9 OF 9

PROJECT:

HOLE NO.: C-1

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED:

REF. TO CLAIM CORNER:

COORDINATES: N. E.

DATE FINISHED:

SCALE:

INCLINATION:

BEARING:

TOTAL DEPTH:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
FROM	TO	SAMPLE NO.	INCHES REC.	% REC.	ASSAY Au	ASSAY Pt/Pd				FROM	TO	SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
180	190	75599			0.02	<0.001													
190	500	75600			0.10	0.007													
								END OF HOLE											

HOLE NO. C-2
CASING COLLAR ELEV.:
GROUND ELEV.:
COORDINATES: 9475 N. 8680 E.
INCLINATION: -45°
BEARING: 230°

PROJECT: [illegible]TANA
DATE STARTED: JUNE 25 '71
DATE FINISHED: JUNE 28 1971
TOTAL DEPTH: 501'

PAGE NO: 1 OF 4
REF. TO CLAIM CORNER: 653' @ 035° to Silver Tip #6 F.P.
SCALE: 1" = 10'
LOGGED BY: R.E. ANDERSON

SECTION	ALTERATION: Argillic	ALTERATION: K-spar	ALTERATION	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
0								0'-6' STICK-UP								
10					W			tight Qtz vt. (barren) barren fract.		<0.25	43'					
					V.W			1'6" to 13'0" - f. gr. black Andesite dyke		~.1						
								oxides on fract			81'					
								gyp on fract								
20								barren fract.								
					V.W			split Qtz vt.								
								barren fract.		~.1						
								barren fract.			118"					
						py		¼" Qtz vt.								
								¼" Qtz-feld vt. py = cpy =								
30								narrow Qtz. vt. tight Qtz vt.								
					W	py		51'-2" Xenolith fragment		~.3	72.5					
								sheared sulf. on fract								
								narrow Qtz vt. py								
								gyp on fract								
					W			gyp. on fract								
								sheared sulf. on fract		~.1	42					
40								barren fract.								
					V.W.			narrow Qtz vt. py cpy (N.B. mod. K-spar alt^n ¼" each side)		~.1						
								sheared sulf. on fract.			75					
								½" Qtz.v. py^+ cpy^- (N.B. weak Arg. Alt^n ½" each side								
						py										
						py		Narrow Qtz vt. py^- cpy =								
								py^- cpy^- on fract.								
50					V.W			tight Qtz vt. (N.B. mod. Arg alt^n ½" each side)		~.1						
								¼" Qtz vt. py^+ cpy^- (N.B weak Arg Alt^n ½" each side)								
								¼" Qtz-Feld. vt. (N.B mod. K-spar alt^n ½" each side)			121					
					V.W			Narrow Qtz vt. py^- cpy^-		<0.1						
											170'					

6'-501' GRANODIORITE

med. grained - light grey - extremely fresh and unaltered - very poorly fractured.

composition
- Qtz — ~20% - 30%
- Na feld. — ~30% - 35%
- K-feld. — ~10% - 12%
- Biotite — ~15% - 20%
- Hbl — ~5% - 10%

Fracturing is generally very weak; with what little alteration there is being restricted to within inches of mineralized fractures and fractures coated with gypsum.

- Qtz is the dominant vein mineral and may or may not be assoc. with py, cpy or both. Pyrite is by far the major sulfide in total volume. Sulfides are almost wholely restricted to quartz veins or shear surfaces, but only, if conc. in a vein disseminate a short distance into the wall-rock.

PAGE NO.: 1 OF 9

CASING COLLAR ELEV.:

GROUND ELEV.: 5010

COORDINATES: 9495 N. 8880 E.

INCLINATION: - 45°

BEARING: 230°

PROJECT: SULTANA

DATE STARTED: JUNE 25/71

DATE FINISHED: JUNE 28/71

TOTAL DEPTH: 501

HOLE NO.: C-2

REF. TO CLAIM CORNER: 663' @ 035° to SILVER TIP #6 F.R.

SCALE: 1" = 10'

LOGGED BY: R.B. PATERSON

DEPTH INTERVAL FROM	DEPTH INTERVAL TO	CORE SAMPLE NO.	INCHES REC.	% REC.	ASSAY Au	ASSAY Ag			
0	10	75601			0.01	<0.001			
10	20	02			0.03	<0.001			
20	30	03			0.01	0.001			
30	40	04			0.02	<0.001			
40	50	05			0.02	<0.001			
50	60	06			0.02	<0.001			

DEPTH INTERVAL FROM	DEPTH INTERVAL TO	SLUDGE SAMPLE NO.	LBS. REC.	% REC.	ASSAY				

HOLE NO. C-2 | PROJECT: SULTANA | PAGE NO: 2 OF 9

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: JUNE 25 1971 | REF. TO CLAIM CORNER:

COORDINATES: N. E. | DATE FINISHED: JUNE 28 71 | SCALE: 1" = 10'

INCLINATION: -45° | BEARING: 230° | TOTAL DEPTH: 501' | LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: Argillic	ALTERATION: K-spar	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
60'			V.W.			barren fract.								
						narrow Qtz vt. py+cpy=								
		•				narrow Qtz vt. py+cpy= (N.B. weak K-spar alt^n 1/4" each side)								
				py cpy		sheared salts on fract								
			V.W.			1/8" Qtz vt. py+cpy+		<0.1	121"					
70'						narrow gyp on fract.								
						GRANODIORITE (cont) see page 1								
				py										
		•				narrow Qtz vt - py+cpy= (N.B. mod K-spar alt^n 1/4" each side)								
	•					narrow Qtz vt. py-								
						" gyp. on fract. -(N.B. weak arg. alt^n 1/4" each side)								
						py-cpy- on fract.								
						vert. fract. -gyp.								
			V.W.	py cpy										
80'	•					1/4" Qtz vt. - py+cpy (N.B. weak arg alt^n 1/2" each side)		<0.2	120"					
						narrow Qtz.v. py-cpy-								
				py										
						narrow Qtz.vt. py=								
	:					gyp. on fract.								
			V.W.			narrow Qtz vt. py-cpy= (N.B. w. arg alt^n 1/4" each side)								
90'						1/8" Qtz.vt. py+cpy- (N.B. w.arg. alt^n 1/4" each side)		~0.2	112"					
						narrow Qtz.vt. (barren)								
	•	•												
						1/2" Qtz.vt. py- (N.B. mod. arg. alt^n 1/8" each side)								
						barren tight Qtz vt (N.B. w. K-spar alt^n 1/4" each side)								
						gyp on fract.								
	•													
						1/2" Qtz-Feld. v. (N.B. m. arg alt^n 1" each side)								
			V.W.	py cp MoS_2		narrow Qtz. vt py-cpy-								
100'		••				1/16" Qtz vt. py cpy+MoS_2 (N.B. mod K-spar alt^n 1/2" each side)		~0.1	125					
		•				gyp. on fract. py= (N.B. mod. K-spar alt^n 1/4" each side)								
	•													
						1/2" Qtz-feld. v. (N.B. mod. arg. alt^n 2" each side)								
						narrow Qtz py-cpy-								
						py-cpy= on fract.								
110'			V.W.	py cpy		1/2" Qtz.v. py++cpy-		~0.2	117"					
		↓												
						barren fract. (N.B. w. K-spar alt^n 6" each side)								
		••		py cpy										
						narrow Qtz.v. py-cpy (N.B. w.K-spar alt^n 1/2" each side) narrow Qtz v. py+								
			W			narrow Qtz. py+		~.1	112"					

PAGE NO.: 2 OF 9

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

HOLE NO.: C-2

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
FROM	TO	SAMPLE NO.	INCHES REC.	% REC.	ASSAY					FROM	TO	SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
					Au	Mo													
60	70	75607			0.02	<0.001													
70	80	08			0.02	<0.001													
80	90	09			0.02	<0.001													
90	100	10			0.02	0.005													
100	110	11			0.01	0.003													
110	120	12			0.05	0.005													

HOLE NO. C-2 | PROJECT: SULTHIA | PAGE NO: 3 OF 9

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: JUNE 25, 1971 | REF. TO CLAIM CORNER:

COORDINATES: N. E. | DATE FINISHED: JUNE 28, 1971 | SCALE: 1" = 10'

INCLINATION: -45° | BEARING: 230° | TOTAL DEPTH: 501' | LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: Argillic	ALTERATION: K-spar	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
120						sheared sulf. & hem. on fract. gyp. on fract. barren fract. 123' to 124' G.D. to DIORITE to G.D.								
			W			124'3" to 125'0" - sheared zone @ 45° (N.B. mod arg. alt^n 123'9" to 125'6") 126'6" to 127'0" - XENO. INCLUSION - ANDESITE COMP.		~.03	25"					
130						narrow Qtz. vt. (N.B. mod. K-spar alt^n ¼" each side) ⅛" Qtz v. py⁻ cpy⁺								
			V.W.			⅛" Qtz v. (barren) (N.B. mod arg alt^n ½" each side) (same as above)		<0.1	120"					
				py cpy		narrow Qtz. v. py⁻ cpy⁻ ½" Qtz. v. py⁺⁺ cpy⁻ (N.B. w. arg alt^n ¼" each side)								
140						narrow Qtz. v. py⁻ cpy⁻								
			V.W.			narrow Qtz. vt. (N.B. w. arg. alt^n ¼" each side)		<0.1	119½					
						narrow Qtz. vt py⁻ (N.B. med. arg alt^n ¼" each side)								
				py cpy		narrow Qtz. vt. cpy⁺ py⁻ (N.B. w. K-spar alt^n ¼")								
150				py cpy		narrow Qtz. Feld. v. (N.B w. arg. alt^n ¼") narrow Qtz. vt. py⁺ ⅛" Qtz. v. py⁺ cpy⁻ (N.B. mod. arg. alt^n 1")								
			V.W.					~.1	113"					
				py cpy		barren fract. ⅛" Qtz v. py⁺ cpy⁺ gyp on fract (N.B. mod. arg. alt^n 1") ⅛" Qtz vt. py⁺ cpy⁺								
						narrow Qtz. vt. py cpy								
160						py⁻ cpy⁻ on fract. narrow Qtz. vt.								
			V.W.	py cpy				~.1	117"					
						narrow Qtz. vt. py⁻ cpy⁺								
				py cpy		narrow Qtz vt. (N.B. mod. arg. alt^n ½" each side) ⅛" Qtz. vt. cpy⁺ py⁻ (N.B. mod. arg alt^n 1" ") narrow Qtz. vt. py⁺ cpy⁻ narrow " " cpy⁻ py⁻								
170			V.W.			⅛" Qtz. vt. py⁺⁺ cpy⁻ (N.B. mod. K-spar alt^n ¼")		~.1	122"					
				cpy py		sheared sulf. on fract. py⁻ cpy⁻ gyp on fract. narrow Qtz v. - cpy⁺ py⁻ 2 narrow Qtz v. - py⁺ cpy⁻								

PAGE NO.: 3 OF 9

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

HOLE NO.: C-2

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
FROM	TO	SAMPLE NO.	INCHES REC.	% REC.	ASSAY					FROM	TO	SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
					Cu	Mo													
120	130	75613			0.05	<0.001													
130	140	14			0.01	0.001													
140	150	15			0.02	<0.001													
150	160	16			0.02	0.001													
160	170	17			0.01	<0.001													
170	180	18			0.06	<0.001													

HOLE NO. C-2
CASING COLLAR ELEV.: GROUND ELEV.:
COORDINATES: N. E.
INCLINATION: -15° BEARING: 230°

PROJECT: SULTANA
DATE STARTED: JUNE 25 1971
DATE FINISHED: JUNE 28 1971
TOTAL DEPTH: 501'

REF. TO CLAIM CORNER:
SCALE: 1"=10'
LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: Argillic	ALTERATION: K-spar	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
180						py⁻ on fract. sheared sulf on fract.-gyp (N.B. mod. arg. alt^n 1/3")								
			V.W			GRANODIORITE (cont) see page 1								
				py cpy		vert fract. py-cpy⁻		~0.1	119"					
190				py cpy MoS_2		narrow Qtz. vt. py⁺								
			W			py⁻ cpy⁻ MoS_2⁻ on shear.								
						narrow Qtz. vt. py⁺								
						" " " py cpy		~0.25	119"					
						narrow Qtz. vt. py-cpy⁻ (N.B. w. K-spar alt^n 1/4")								
200				py cpy		narrow Qtz. vt. py⁻								
						1/16" Qtz vt. py⁺ cpy⁻ (N.B. w. arg. alt^n 1/2" each side)								
				cpy py		same as above								
			V.W			narrow Qtz. vt. cpy⁺ py⁻		~0.1	115"					
				py cpy		1/8" Qtz vt. py⁺⁺ (N.B. - mod. arg. alt^n 1/2")								
						narrow Qtz. vt. py⁻ cpy⁻ MoS_2⁻								
			V.W			1/8" Qtz. vt. py⁺ cpy⁻								
210						1/8" Qtz. v. py⁺ (N.B. - mod K-spar 1/4")		~0.1	19"					
				py		gyp. on fract.								
						py+gyp on fract.								
				py cpy		narrow Qtz. vt. py⁺⁺								
			V.W			narrow Qtz. vt. - py, cpy, MoS_2⁻		<0.1	121"					
						narrow Qtz. v. - cpy py								
220				cpy		1/4" Qtz vt. cpy⁺⁺ (N.B. w. arg. alt^n 1/2")								
			M			1/2" " " py⁺⁺ cpy⁻								
						sheared sulf. on fract.		0.5	87"					
						gyp. on fract. (N.B. mod. arg. alt^n 1/2") 223'-225' - weak arg alt^n								
						vert. Qtz. vt. py⁻ cpy⁺								
				py cpy		narrow Qtz. vt. py⁺⁺								
230						gyp. on fract. (N.B. weak arg. alt^n 1/4" each side)								
						narrow Qtz. vt. py⁺ cpy⁻								
						narrow Qtz. vt. py⁺⁺ (@ 228½' - 2nd @ 270°)								
			V.W			1/4" Qtz. v. - py⁺⁺ (N.B. mod. arg. alt^n 1/2")								
						gyp. on fract.		<0.1	117"					
						narrow Qtz. vt. py⁻ (N.B. mod. arg. alt^n 1/2")								
						3/8" Qtz-Felds v. - py⁺ cpy⁺⁺ (N.B. mod. arg. alt^n 1")								
				cpy MoS_2		gyp. on fract. - 1/2" Qtz. v. cpy⁺ MoS_2⁻								
						Bend Qtz vt. py⁺ (N.B. int. arg alt^n 1" each side)								

PAGE NO.: 4 OF 7

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

HOLE NO.: C-2

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
FROM	TO	SAMPLE NO.	INCHES REC.	% REC.	ASSAY Au	ASSAY Ag				FROM	TO	SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
180	190	75619			0.03	<0.001													
190	200	20			0.04	0.002													
200	210	21			0.06	0.002													
210	220	22			0.04	0.003													
220	230	23			0.08	0.001													
230	240	24			0.04	0.001													

HOLE NO. C-2
CASING COLLAR ELEV.: GROUND ELEV.:
COORDINATES: N. E.
INCLINATION: -45° BEARING: 230°

PROJECT: SULTANA
DATE STARTED: JUNE 25, 1971
DATE FINISHED: " 28, 1971
TOTAL DEPTH: 501"

PAGE NO: 5 OF 9
REF. TO CLAIM CORNER:
SCALE: 1" = 10'
LOGGED BY: R.J. ANDERSON

SECTION	ALTERATION: Propylitic	ALTERATION: K-spar	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
240						gyp. on fract (N.B. mod. arg. alt^n ½")								
			V.W.			sheared sulfs. + gyp. on fract.		~.5	101"					
				py cpy MoS_2		narrow Qtz v. - py⁺ cpy⁻ MoS_2 = sheared sulf on fract. - py⁺ gyp. on fract — narrow Qtz vt. - py⁺	GRANODIORITE (cont) see page 1							
250			W.					~0.1	117"					
				py cpy		narrow Qtz vt. - py⁻ cpy⁻ sheared Qtz. v. - py⁻ cpy⁻ MoS_2 (N.B. mod. arg. alt. ½" each side) (same as above)								
			W			narrow Qtz. vt. - py⁺ gyp. on fract		2.1	59"					
260						1" Barren Qtz. v. (mod. arg. alt^n 1" each side)								
				py		¼" Qtz v. py⁺⁺ (N.B. mod. arg. alt^n 1" each side)								
			V.W.	py cpy		sheared sulf on fract. py on fract. ½" Qtz. vt. - py⁺⁺ (N.B. mod arg alt^n ½" each side) ¼" Qtz vt. py⁺⁺ (N.B. w. K-spar alt^n ¼" each side) ¼" Qtz vt. - py⁺ cpy⁺ (N.B. mod. arg. alt^n 1" each side) ¼" " py⁺⁺ cpy⁻ (" " " ½" ")		~.2	116"					
270						narrow Qtz vt. py⁻ cpy⁻								
			V.W.			narrow Qtz. vt. py⁻ cpy⁻ = (N.B. w K-spar alt^n ¼" each side) ¼" Qtz vt. py⁺⁺ cpy⁻ (N.B. w K-spar alt^n ¼" " ")		~.1	90"					
						narrow Qtz vt. - py⁻								
280				py		¼" Qtz vt. - py⁺ cpy (N.B. mod. arg. alt^n 1" each side)								
			V.W.					~.2	120"					
						narrow Qtz vt. py⁺⁺ - N.B. weak K-spar alt^n ¼" each side " " " py⁺ cpy⁻ N.B. mod K-spar alt^n ¼" each side								
				cpy py		gyp. on fract. - N.B. mod arg alt^n ½" each side. ⅛" Qtz-Feld v. cpy⁺ py⁻ = (N.B. weak arg. alt^n ¼" each side)								
290						gyp. on fract. (N.B. mod arg. alt^n ¼" each side)								
			V.W.	py cpy MoS_2		py⁻ cpy⁻ = on fract. narrow Qtz. vt. - py⁻		~.1	120"					
						narrow Qtz. vt. py⁻ cpy⁻ MoS_2 = gyp. on fract. narrow Qtz vt. py⁺ cpy⁻ = (N.B. weak K-spar alt^n ½" each side) gyp. on fract. - N.B. mod. arg. alt^n 1" each side)								

PAGE NO.: 5 OF 9

PROJECT:

HOLE NO.: C-2

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED:

REF. TO CLAIM CORNER:

COORDINATES: N. E.

DATE FINISHED:

SCALE:

INCLINATION:

BEARING:

TOTAL DEPTH:

LOGGED BY:

DEPTH INTERVAL FROM	DEPTH INTERVAL TO	CORE SAMPLE NO.	INCHES REC.	% REC.	ASSAY Au	ASSAY MoS2			
240	250	75625			0.01	<0.001			
250	260	26			0.03	0.005			
260	270	27			0.02	<0.001			
270	280	28			0.03	<0.001			
280	290	29			0.02	0.002			
290	300	30			0.02	0.001			

DEPTH INTERVAL FROM	DEPTH INTERVAL TO	SLUDGE SAMPLE NO.	LBS. REC.	% REC.	ASSAY				

HOLE NO. C-2
CASING COLLAR ELEV.:
GROUND ELEV.:
COORDINATES: N. E.
INCLINATION: -45°
BEARING: 230

PROJECT: SULTANA
DATE STARTED: JUNE 25 1971
DATE FINISHED: JUNE 28 1971
TOTAL DEPTH: 501

REF. TO CLAIM CORNER:
SCALE: 1" = 10"
LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: Argillic	ALTERATION: K-Spar	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
300				py, py		sheared suff. on fract - gyp. (N.B. weak Arg. alt^n 1" each side)								
			W			1/8" Qtz. vt. cpy+ py-								
				py		narrow Qtz. vt. py=. GRANODIORITE (cont) see page 1		~.1	108					
						narrow Qtz. vt. py-								
						gyp. on fract.								
310				py, cpy		1/2" Qtz. vt. py++ cpy- (N.B. mod. arg. alt^n 3" each side)								
			W			narrow Qtz. vt. - py- cpy=								
						narrow Qtz. vt. py, cpy N.B. mod. arg. alt^n 1/2" each side.		~.2	121					
				py, cpy		narrow Qtz. vt. py- cpy=								
						narrow Qtz. vt. py=								
320						narrow Qtz. vt. py++ cpy=								
			V.W.	py, cpy		sheared suff. on fract		~.1	115+					
						narrow Qtz. vt. py+ cpy+ (N.B. weak K-spar alt^n 1/4" each side)								
				py		narrow Qtz. vt. py+								
						1/8" Qtz. vt. cpy++ (N.B. mod. arg. alt^n 1/2" each side)								
330						gyp + py+ on fract.								
				py, MoS_2		narrow Qtz vt. py+ cpy=								
			V.W			1/4" Qtz. vt. cpy MoS_2+								
				py, cpy, MoS_2		1/8" Qtz. vt. cpy+ py- MoS_2=		~.3	119°					
						1/2" Qtz. vt. py+ MoS_2= - N.B. mod. arg alt^n 1" each side								
340				py, cpy, MoS_2										
			W			1/8" sheared Qtz vt. py++ cpy+ MoS_2+ (N.B. mod. arg. alt^n 1/4" each side)		~0.2	99°					
						narrow Qtz vt. py cpy+								
						- py on fract.								
				py, cpy		py on fract.								
						narrow Qtz vt. cpy= py= (N.B. mod. K-spar alt^n 1/4" each side)								
						gyp. + py- on fract.								
350			W											
				py		py+ + gyp. on fract (N.B. mod. arg. alt^n 1/2" each side)		~0.2	122°					
						gyp. on fract.								
						narrow Qtz. vt. - py-								
						sheared suff. on fract. 357'6" to 360'6" - numerous tight Fold. vt. @ 45°								
						1" Qtz. Fold. v. [illegible] int. to mod. arg. alt^n [illegible]								

PAGE NO.: 6 OF 9

PROJECT:

HOLE NO.: C-2

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED:

REF. TO CLAIM CORNER:

COORDINATES: N. E.

DATE FINISHED:

SCALE:

INCLINATION:

BEARING:

TOTAL DEPTH:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
FROM	TO	SAMPLE NO.	INCHES REC.	% REC.	ASSAY Cu	ASSAY Mo				FROM	TO	SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
300	316	75631			0.02	0.001													
310	320	32			0.13	0.001													
320	330	33			0.02	<0.001													
330	340	34			0.03	0.021													
340	350	25			0.01	0.002													
350	360	36			<0.01	0.002													

HOLE NO. C-2 | PROJECT: SULTANA | PAGE NO: 7 OF 9

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: JUNE 25 1971 | REF. TO CLAIM CORNER:

COORDINATES: N. E. | DATE FINISHED: JUNE 28 1971 | SCALE: 1" = 10'

INCLINATION: -45° | BEARING: 230° | TOTAL DEPTH: 501' | LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: Argillic	ALTERATION: K-spar	ALTERATION:	ALTERATION:	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
-360								1" Qtz-Feld v. (N.B. mod. to int. Arg. Alt^n 1" each side)								
					M			narrow Qtz. vt. py								
						py		1/2" on fract.		~0.5	122"					
								sheared sulf. + gyp. on fract.								
						py		1/4" Qtz. vt. py^+ (N.B. mod. arg. alt^n 1" each side)								
								narrow Qtz. vt.								
						py		1/8" sheared Qtz. Feld. vt. - (N.B. mod. Arg. Alt^n 1" each side) py = MoS_2 = Sphal.?								
-370								sheared sulf. on fract., py^+ (N.B. mod. Arg. alt^n 1" each side)								
					W					~0.5	121"					
								narrow Qtz vt. py^+								
						py		narrow Qtz. vt., cpy py^=								
						cpy		" " " py^= py^- cpy^=								
								narrow Qtz vt. py^= cpy^=								
								" " " py^+								
-380						py^+		1/8" Qtz vt. py^+ cpy^+ (N.B weak arg. alt 1/4" each side)								
						cpy^+		narrow Qtz vt. py^+								
					W			1/4" Qtz. vt. py^+ cpy^+		~1.0	121"					
								1/8" Qtz-Feld v. (N.B. mod. arg Alt^n 1" each side)								
								narrow Qtz. vt. py^+								
								py cpy^+ on 1/8" Qtz v. (N.B. weak Arg. alt^n 1/2" each side)								
								1" Aplite vt.								
390					V.W.	py				~0.2	101"					
								narrow Qtz vt. py^+								
								gyp. + sheared sulf. on fract. (N.B. mod. arg alt^n 1/2" each side)								
								gyp. on fract.								
								gyp. on fract								
					M.	cpy^+		sheared sulfs. on Fract.		~0.5	60"					
						py^+		1/8" Qtz vt. cpy^+ py^+								
-400								1/8" Qtz vt. cpy^+ py^+ 399-401 mod. to int. arg. alt^n, many shears @ 20°, hematite on shears,								
					S	py^+		sheared sulf. py^+		~0.5	47"					
								gyp on fract								
								narrow Qtz. vt., py^=								
								" "								
						py		gyp on fract, py^=								
						cpy		narrow Qtz vt. py^+								
						py		1/4" Qtz. vt. py^+ cpy^+ (N.B. weak K-spar alt^n 1/4" each side)		~0.3	118"					
-410					W			1/4" " " py^+ cpy (N.B. mod. Arg. alt^n 1/2" each side)								
								hematite on fract.								
								narrow Qtz. vt. py^+								
								sheared sulf. on fract. py^+								
								py^= on fract.								
								gyp on fract.								
					V.W.			1/8" Qtz vt. py^+		~0.1	122"					

GRANODIORITE cont. see page 1

PAGE NO.: 7 OF 9

CASING COLLAR ELEV.:

GROUND ELEV.:

COORDINATES: N. E.

INCLINATION:

BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

HOLE NO.: C-2

REF. TO CLAIM CORNER:

SCALE:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
FROM	TO	SAMPLE NO.	INCHES REC.	% REC.	ASSAY					FROM	TO	SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
					%	Tl													
360	370	75637			0.03	0.003													
370	380	38			0.01	0.001													
380	390	39			0.03	<0.001													
390	400	40			0.10	0.008													
400	410	41			0.03	0.003													
410	420	42			0.01	<0.001													

HOLE NO. C-2
CASING COLLAR ELEV.:
GROUND ELEV.:
COORDINATES: N. E.
INCLINATION: -45°
BEARING: 230°

PROJECT: SULTANA
DATE STARTED: JUNE 25 1971
DATE FINISHED: JUNE 28 1971
TOTAL DEPTH: 501'

REF. TO CLAIM CORNER:
SCALE: 1" = 10'
LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: Argillic	ALTERATION: K-spar	ALTERATION:	ALTERATION:	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
420	•				W.	py cpy		1/8" Qtz. vt. py+ cpy- magnetite narrow Qtz. vt. py+ (N.B. weak K-spar alt^n 1/8" each side)		0.1	122'					
					W.			narrow Qtz v. py- GRANODIORITE (cont.) see page 1 sheared sulf. on fract. py- gyp. on fract - (N.B mod arg alt 1/2" each side)		0.1	70"					
430		•			W			sheared sulf. on fract. gyp. + sheared Qtz. v. 2-1/4" Qtz. vt - cpy py (N.B mod K-spar alt 1/4" each side)		0.2	25"					
					W			1" Aplite v.		0.1	24"					
						py cpy		gyp on fract.								
					M			1/4" sheared Qtz v. py+ cpy- sheared sulf. on fract.		0.3	75"					
440								sheared sulf. on fract.								
					W			gyp. on fract.		0.1	35"					
						py cpy		gyp on fract. narrow Qtz vt. py+ cpy= (N.B. w. K-spar alt^n 1/4" each side)								
					M			gyp on fract. gyp + sheared sulf on fract. narrow Qtz v. py (N.B. w. K-spar alt^n 1/4" each side)		0.3	70"					
450					M			gyp. + sheared sulf. on fract. gyp on shear (N.B. int arg alt^n 1/2" each side)		0.2	40					
								451-453 XENOLYTHIC INC. - DIFFUSE CONTACT								
					M			py on fract.		0.2	23"					
					M			gyp on fract		0.1	43'					
460					M			gyp and sheared sulf. on fract. sheared sulf. on fract.		0.3	34"					
					M			narrow Qtz v py- cpy 1/4" sheared Qtz v py+ (N.B. mod arg alt 1/2" each side)		0.3	42"					
						hem		gyp. + sheared sulf on fract. gyp. + hem on fract.								
470					M	hem		gyp on fract. sheared sulf. on fract.		0.2	82'					
						hem		hem. on fract.								
					M			" " " narrow Qtz v py-		0.1	56"					
						hem		sheared gyp+ sulf on fract (N.B. weak arg. alt^n 1" each side)								
					S			hem. on fract.		0.1	39'					

PAGE NO.: 8 OF 9

PROJECT:

HOLE NO.: C-2

CASING COLLAR ELEV.: GROUND ELEV.:

DATE STARTED:

REF. TO CLAIM CORNER:

COORDINATES: N. E.

DATE FINISHED:

SCALE:

INCLINATION: BEARING:

TOTAL DEPTH:

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
		SAMPLE NO.	INCHES REC.	% REC.	ASSAY							SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
FROM	TO				[illegible]	[illegible]				FROM	TO								
420	430	75643			0.01	<0.001													
430	440	44			0.06	0.001													
440	450	45			0.01	0.002													
450	460	46			<0.01	<0.001													
460	470	47			0.01	<0.001													
470	480	48			0.02	0.001													

HOLE NO. C-2 | PROJECT: SULTANA | PAGE NO: 9 OF 9

CASING COLLAR ELEV.: | GROUND ELEV.: | DATE STARTED: JUNE 25-1971 | REF. TO CLAIM CORNER:

COORDINATES: N. E. | DATE FINISHED: JUNE 28 - 1971 | SCALE: 1" = 10'

INCLINATION: - 45° | BEARING: 230° | TOTAL DEPTH: 501' | LOGGED BY: R.B. ANDERSON

SECTION	ALTERATION: Hrolitic	ALTERATION: K-spar	ALTERATION	FRACTURING	MINERAL	GEOLOGY	COMMENTS: DESCRIPTIVE GEOLOGY	AVE CORE REC'Y / HOLE	% SULPHIDES	DRILLING INTERVAL	% CORE RECOVERED	CORE SIZE	SAMPLE INTERVAL	% REC'Y. SAMP. INT.	ESTIMATED
480							gyp on fract								
				M	cpy py		gyp. + sheared sulf. on fract. 1/8" Qtz v. - cpy+ py- GRANODIORITE (cont) see page 1		0.3	44"					
					cpy		1" Qtz v. cpy++								
				M	cpy		1/8" Qtz v cpy+ gyp. + sheared sulf. on fract.		0.2	53"					
490				M			192-192'6" - RUBBLE		0.1	36 32"					
					py		gyp on fract. narrow Qtz v.- py+			54					
				M			- narrow Qtz v py= sheared sulf. + gyp on fract.		0.1	51'					
							gyp. + sheared sulf. on fract.			48"					
500				M					0.1	44"					
							gyp on fract. - END OF HOLE -								

PAGE NO.: 7 OF 9

CASING COLLAR ELEV.: GROUND ELEV.:

COORDINATES: N. E.

INCLINATION: BEARING:

PROJECT:

DATE STARTED:

DATE FINISHED:

TOTAL DEPTH:

HOLE NO.: C-2

REF. TO CLAIM CORNER:

SCALE: 1" = 10'

LOGGED BY:

DEPTH INTERVAL		CORE								DEPTH INTERVAL		SLUDGE							
FROM	TO	SAMPLE NO.	INCHES REC.	% REC.	ASSAY					FROM	TO	SAMPLE NO.	LBS. REC.	% REC.	ASSAY				
					Cu	Mo													
480	490	75649			0.44	<0.001													
490	500	50			0.02	0.004													