DDH AEX75O1 (2 … 8)

Cyprus Anvil Mining Corp
Lithologic Log

016203

Logged By: GJ

Code (1)	From (10–14)	To (16–20)	Unit (22–23)	Code (25–27)	Description
L	0 0	22 0	1	OB	OB
L	22 0	56 0	2	3G1	light/medium grey laminated phyllite some light bands fairly quartzose
L	56 0	67 5	3	3J0	very ligh grey to off white qtzite
L	67 5	80 0	4	3G8	very light greenish grey chlorite phyllite with a few " very limy " - distinctly grey foliation not quite as chlorite as #8
L	80 0	125 5	5	3G1	as #2 locally Bxa
L	125 5	162 0	6	3G1	fault zone broken & rusty qtz veins
L	162 0	172 5	7	3G8	coarse irregularly laminated very lt green chl qtz ± calcite rx
L	172 5	247 0	8	3G8	very light green fg chl phyll with ~10% grey phyll lamina - grades locally free ' to lt green slightly limy chl ph esp. 220'-226. Last 5' richening 'y lamina. Similar to #2 & #4 but a little more chl.
L	247 0	249 5	9	3G8	as #7 non limy
L	249 5	297 0	10	3G8	vfg v light green chl phyllite - probably with musc. - distinctly green foliation surfaces. locally greenish - more like schistopathic - non limy soft though - like #8 but generally lacking grey folia
L	297 0	302 0	11	3G8	as #7 non limy identical to #13
L	302 0	314 0	12	3G8	as #10
L	314 0	318 5	13	3G8	as #7 minor PO non limy
L	318 5	413 5	14	3G8	lt green chl phyll with grey lamina (like #8) non limy

DDH A.E.X. 7501 (columns 2–8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By:

Code (1)	From (10–14)	To (16–20)	Unit (22–23)	Code (25–27)	Description
L	413 5	461 5	15	360	grey phyllite similar to #2 and distinctly
				~~360~~	less chloritic than overlying unit. May
					be very slightly carbonaceous but only very
					Slightly. generally lacks bedding but light
E					med grey bands are present traces to 5
					Took 6" to analyse & compare with alum.
					unit. - Just like bottom of this hole and
					bottom of A-11
L	461 5	472 0	16	3E9	dark grey carbonaceous phyllite to graphitic
					phyllite. - several qtz veins - non limy
				~~360~~	not particularly siliceous but ~10% light qtz stringers
L	472 0	482 0	17	3G0	medium grey phy as #15 ~30% qtz veined
					non limy
				~~3E9~~	grad cont
L	482 0	494 0	18	3E9	as #16 - light qtz stringers as usual
L	494 0	509 1	19	5B0	med grey phy as #17 but a tad more carb
				~~==~~	not significantly though - slightly limy
				~~360~~	esp last ½
L	509 1	514 0	20	5A3	limy lt grey graph phyllite & graphitic
					lst - sample for conodonts
L	514 0	563 0	21	5A3	dark grey graph phyll - not generally
					limy but has calcite stringers throughout
					a little limy graph phy at base but slight
L	563 0	567 5	22	3B6 (~~360~~)	med grey phy - lots of calcite-qtz veins but
					phyllite non limy
L	567 5	580 0	23	5A3 (~~3E3~~)	limy graphitic phyllite and hard siliceous
					limy graph phyllite
L	580 0	589 0	24	5B62 (~~3G9~~)	med grey non limy phy. - slightly
					carbonaceous.

DDH AEX 2501

Cyprus Anvil Mining Corp
Lithologic Log

Logged By:

Code	From	To	Unit	Code	Description
1	10–14	16–20	22 23	25–27	
L	5890	6670 (~~7015~~)	25	5A0 (~~3E0~~)	dark gray to black graphitic phyllite as above generally non limy except [illegible] @ 672'. With common light colored qtz stringers grading locally into graphitic qtzite as exposed on main road near setup. Below 687' particularly rich in qtz - almost all of that section qtzite - negligible sulphides
L	6670	7015	26	5A1	
L	7015	7050	27	5B9	light greenish musc qtz rock with soft turquoise colored mineral - few % py in late stringers
L	7050	7185	28	5A13	graphitic qtzite - minor $CaCO_3$ over few inches. minor py po in qtz stringers
L	7185	7485	29	5E8	lt. green chloritic marble - chloritic folia separating light colored $CaCO_3$ stringers along S_2 - very distinctive - like rx on swim lake road S of conductor. - 8" greenish qtzite @ 733'
L	7485	7510	30	5A13	graph qtzite slightly limy (as #27)
L	7510	7640	31	5E83	same as #28
L	7640	7660	32	5A13	as #29
L	7660	7830	33	5E8	as #28 but clears stringers creme colored (weathering?) last half doesn't fizz readily a little turq colored mineral at 779. as above.
L	7830	7960	34	5A19	graph qtzite with sporadic fr Fe sulph mostly py
L	7960	8080	35	5B8	chl phyll with light colored bands as above but not too limy may be dolomitic fizzes slowly
L	8080	8150	36	5A19	graph qtzite - minor Fe sulph in qtz stringers not like Rib3 hanwlr though

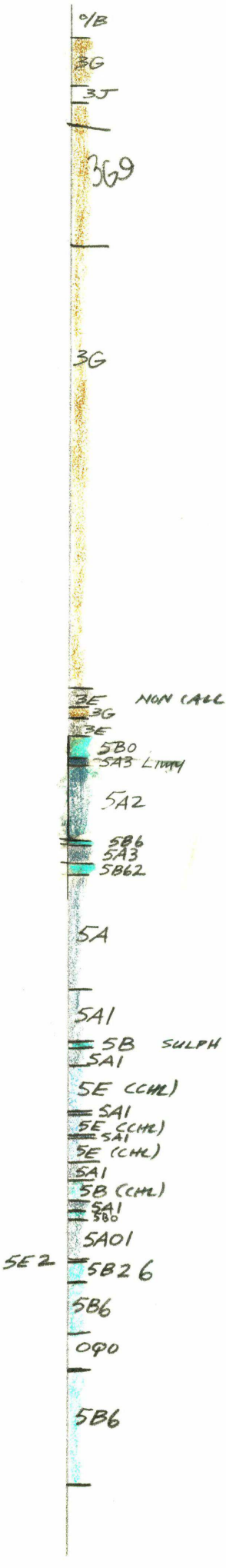
DDH AEX 7501 (2 / 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: _____

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	8175	8209	37	5B10	limy chl phyll as above but coloration locally
					2" graph qtz vein @ 818 ± 819'
L	8209	8215	38	5AB1	¼" Graph phyll grey graph qtz vein non limy
L	8215	8222	39	5B0	limy chl phyll q.a.
L	8222	8350	40	5A01	~~black~~ graph phyll ± grey graph qtz vein - many qtz veinlets - becomes less silicious
					slightly limy below 836' with lime concentrated in layers
L	8350	8515	41	5E2	graphitic lst sample for conodonts
L	8515	8650	42	5B26	carbonaceous medium grey phyllite lightening downwards - non limy
				N	— grad cont —
L	8650	8970	43	5B6	medium to light grey musc chl ± graph phyllite - "normal" - light/med grey banding // S_2 - non limy except carb stringers
					x cutting S_2
L	8970	9250	44	000	Huge ball qtz vein
L	9250	10102	45	5B6	as #42
		10102			EOH

AEX 7501
1" = 100'
JDF
9/1/78



DDH AEX7502

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: GJ

Code	From	To	Unit	Code	Description
L	100	110	01	OB	OB
L	110	870	02	3G9	medium and dark grey carbonaceous phyllite a little limy especially in several buff where there is a few " of grey lst. A few lt grey [illegible] layers but generally soft also several few inch layers of greenish buff rx like the chl marble but white layers appear to be dolo. at 48'-53' gradational cont.
L	870	1260	03	3G0	medium grey slightly limy phyllite gradational [illegible] cont.
L	1260	1690	04	3G9	mixed medium grey very slightly limy ph & darker grey carbonaceous generally non limy phy - few inch chl phyll @ 135' gradational cont.
L	1690	230	05	3G9	dark grey carbonaceous phyllite to graphitic phyllite Below 230' graph phyllite Rx are a little limy but not enough to [illegible] dist. -
L	2300	3000	06	5A6	A few feet of dk grey carbonaceous [illegible] near 229.
L	3000	3420	07	5A3	Below ~ 300' graph phy are moderately limy
L	3420	3740	08	5B0	Medium grey limy phyllite and non limy ph with lst bands.
L	3740	4130	09	5B2	Mixed medium & lt grey carbonaceous limy phyllites

DDH AEX7502

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By:

Code	From	To	Unit	Code	Description
L	4130	4680	10	5B2	dark grey carb limy phyllite with several [illegible] sections 450.0 - 451.5 looks like lt grey qt of A.8
L	4680	5000	11	5A91	graphitic qtzite with some Fe sulph stringers
L	5000	5730	12	5E8	chl marble to limy chl phy same rock as almost always includes graphite. 527-534 greyer version of same as in underlying unit. → 5B08
L	5730	10040	13	5B0	astoundingly uniform section of grey limy phyllites - hard to believe that there's a 500' thick flat lying limy unit around here - must be drilling down S_0 transp into S_1 then S_2 (Maybe not!)

DDH CCV 7307

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: [illegible]

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	00	218	01	#2	Overburden
					mccarb - musc chl gtz
L	2180	5180	02	3G1	Medium grey phyllite with thin quartzose
				~~#Lℓ~~	bands composing <10% of rock - very slightly
					limy - ~~[illegible]~~ but most sections
					don't fizz a few short (couple ") lst bands.
					(one sampled for cons) - Similar to "normal"
					phyllite but with a little too much gtz.
					Exhibits minor variation to end of Hole but
					nothing of much significance

7203

DDH AEX 7504

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: GJ

Code	From	To	Unit	Code	Description
L	0.0	18.0	01	#8	OB
L	18.0	86.0	02	5A29	graphitic phyllite qtz graph phyll c graphitic qtzite - minor Fe sulphide stringers/layers. non limy except for minor calcite stringers near base
L	86.0	108.0	03	5B08	lt green very limy chl phyll - took a particularly limy sample for cons but doubt it's even a sediment
L	108.0	112.0	04	5A29	qtz graph musc phyll as #2 ~30% core recovery
L	112.0	114.0	05	5B08	as #3
L	114.0	132.0	06	5B0	medium grey v. limy phyllite - one particularly limy sample for Fos.
L	132.0	170.0	07	5B0	lt green limy chl phy as #3 - becomes a little grey & grades into underlying unit.
L	170.0	176.0	08	5D3	distinctive grey green chl musc limy phy with dark green mottling resembles ign. texture and may be highly alt porp met volc.
L	176.0	197.0	09	5B8	brownish green grey chl bio musc limy phyllite gradational w/ contacts.
L	197.0	208.0	10	5B0	lt green limy chl phy as #3 but grades into [illegible] from 205 - 211 that has distinct ign text preserved and is clearly a carbonatized meta ign rock - suggests that limy chl phyll is carbonatized [illegible] those which check with surface [illegible]
L	208.0	211.0	11	5D3	
L	211.0	220.5	12	5B0	

DDH ____ Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: ____

Code	From	To	Unit	Code	Description
1	10 – 14	16 – 20	22 23	25 – 27	
L	2205	2550	13	5B0	Trace of brownish grey limy phyllite
				~~6HC~~	255-271 v lt green chl musc limy phyllite also [illegible]
L	2550	2710	14	5B8	? ball & chl masses – [illegible]
L	2710	3050	15	5B0	phyllite broad [illegible] dogpoo
L	3050	3930	16	5B0	[illegible] uniform brownish grey limy phyllites with
				~~4HC~~	[illegible] short medium grey and greenish sections –
				~~l~~	(probably grades to more normal grey limy phy
					with increase in graph or decrease in bio? & should
					probably be lumped with that unit) lime all
					in thin stringers no worthwhile lst sections.
L	3930	4100	17	5B0	[illegible] limy chl phyll with bio (?) streaks very
				~~3E~~	similar to overlying unit ~~#6~~ into which it grades
					also similar to underlying unit into which it
					also grades (which makes it a transition zone!)
L	4100	4250	18	5B8	it [illegible] limy chl phyll like #3 but with less
					of the planar $CaCO_3$ bands so typical of this
					unit.
L	4250	4550	19	5C3	medium grained speckled gst – cleavage text. obvt
					quite calcareous – clearly grades into limy
					chl phy by repl of plag with carbonate
					& shearing out of carb masses into S
					May be some pyroxene left but ???
L	4550	4610	20	5B8	limy chl phyll [illegible] phase of #15
L	4610	5080	21	5B0	Brownish bio chl musc limy phy as #12 again
					no good lst bands.

DDH AEX 75 04

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By:

Code	From	To	Unit	Code	Description
L	5080	5135	22	5B0	medium grey limy phyllite
L	5135	5265	23	5B0	as #17
L	5265	5310	24	5B0	as #18
L	5310	5850	25	5B0	as #17
L	5850	6210	26	5B0	medium grey limy phyllite
L	6210	6300	27	5B0	[illegible] gouge zone – seems to be sheared along S1 (could be thrust repeating graph below ??)
* L	6300	6415	28	5B0	med grey limy phyllite as #22 – closely fract with @30° to c.a. graphitic but carb healing
* L	6415	6465	29	5B8	lt greenish buff limy chl phy as #3 but stronger buff colour – with steep buff ankerite veins
* L	6465	6480	30	5B21	dk grey hard siliceous carb. phyll with (ankerite?) qtz fillings (part of fault zone)
L	6480	6530	31	5B8	limy chl phyll to very light slightly greenish buff musc chl phyllite with qtz/cc stringers – not too different from white mica envi but more chloritic – like rx on rd to [illegible] near #15 (also near Elk zone ???)
L	6530	6850	32	5B0	medium grey limy phyllite – a couple of [illegible] graphitic [illegible] conduits
L	6850	7020	33	5A2	dk grey cc-bearing graph phy – in part a little limy minor Fe sulph laminae
L	7020	7100	34	5B8	lt green limy chl phy as #3
L	7100	7590	35	5A0	dk grey carb ph to graph phy a few [illegible]
L	7590	7610	36	5E0	lt [illegible]. 759 – 761 med grey to
L	7610	7625	37	5A0	[illegible] graph [illegible]

hard black fings cht? (see 665 notes)

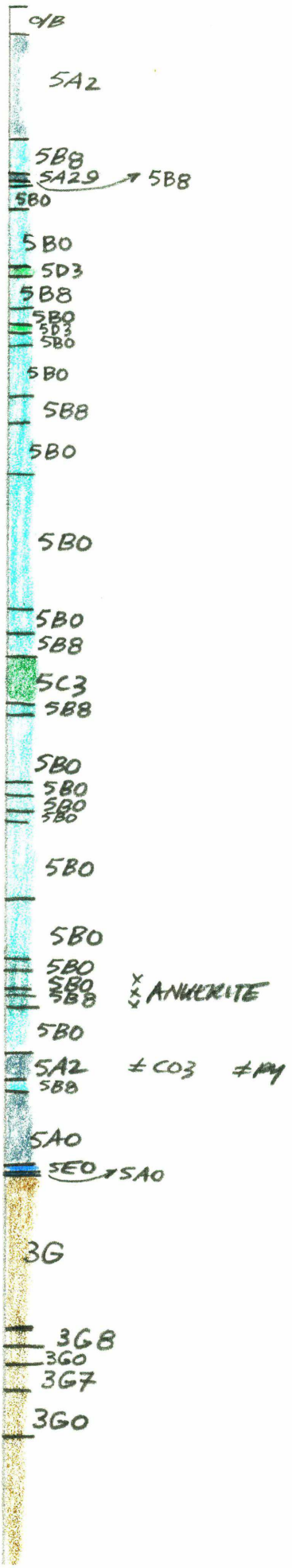
DDH AEX 7504

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By:

Card 1	From (10–13)	(14)	To (16–19)	(20)	Unit (22–23)	Code (25–27)	Description
L	762	5	813	0	38	3G0	Medium grey non limy phyllite - non [illegible] - "normal"
L	813	0	864	0	39		2 missing core boxes
L	864	0	866	0	40	3G0	as 32
L	866	0	876	0	41	3G8	lt green chl phyll - soft - with light streaks along Fln but not generally limy - a few $CaCO_3$ sections
L	876	0	886	0	42	3G0	as #32
L	886	0	904	0	43	3G7	similar to 34 - even less limy good dk green chl mottles on Fln - tuffaceous?
L	904	0	936	5	44	3G0	med grey non limy phy as #32
			936	5			EOH


AEX 7504
JDF
1"=100'
9/1/78
QTB
5A2
5B8
5A29
5B8
5B0
5B0
5D3
5B8
5B0
5D3
5B0
5B0
5B8
5B0
5B0
5B8
5C3
5B8
5B0
5B0
5B0
5B0
5B0
5B0
5B0
5B0
5B8
ANHYDRITE
5B0
5A2
≠ CO3
≠ PY
5B8
5A0
5E0
5A0
3G
3G8
3G0
3G7
3G0

DDH AEX7505 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Logged By: GS

Code (1)	From (10–14)	To (16–20)	Unit (22–23)	Code (25–27)	Description
L	00	270	01	#	OB
L	270	1930	02	3G0 (9)	medium grey "normal" phyllite – generally soft and non siliceous but has a few qtz rich bands scattered through more or less at random and usually <1" thick except ~148–170 where slightly qtz rich but still easily scratched. Non limy except for calcite veinlets. Generally only slightly carbonaceous to non carbonaceous with a few " thick darker grey carb bands. Becomes gradually darker grey in last 10' as it grades into underlying unit.
					33'–39' markedly carbonaceous subunit.
					137–138 limy chl phy.
					3E?
L	1930	2005	03	5A26	dk grey carb phy to black graph phy non limy but for calc stringers & one late but Calaform.
L	2005	2080	04	3G0	as #2
L	2080	2180	05	5A26 (9)	as #3
L	2180	2475	06	5B0	medium grey limy phyllite
L	2475	6170	07	5A19	dark grey to black qtz graph phy & qtz graph schist – 1–2% po throughout in qtz layers in manner of ribbon banded. Little lime locally esp in top 25' where there are a few thin lst bands (samples [illegible])
					275–299 med grey non carb.
					300–[illegible] [illegible] with [illegible] 25 [illegible]
					[illegible] but not all that much [illegible]
					[illegible]
					Minor Zn's in qtz bands last 25'

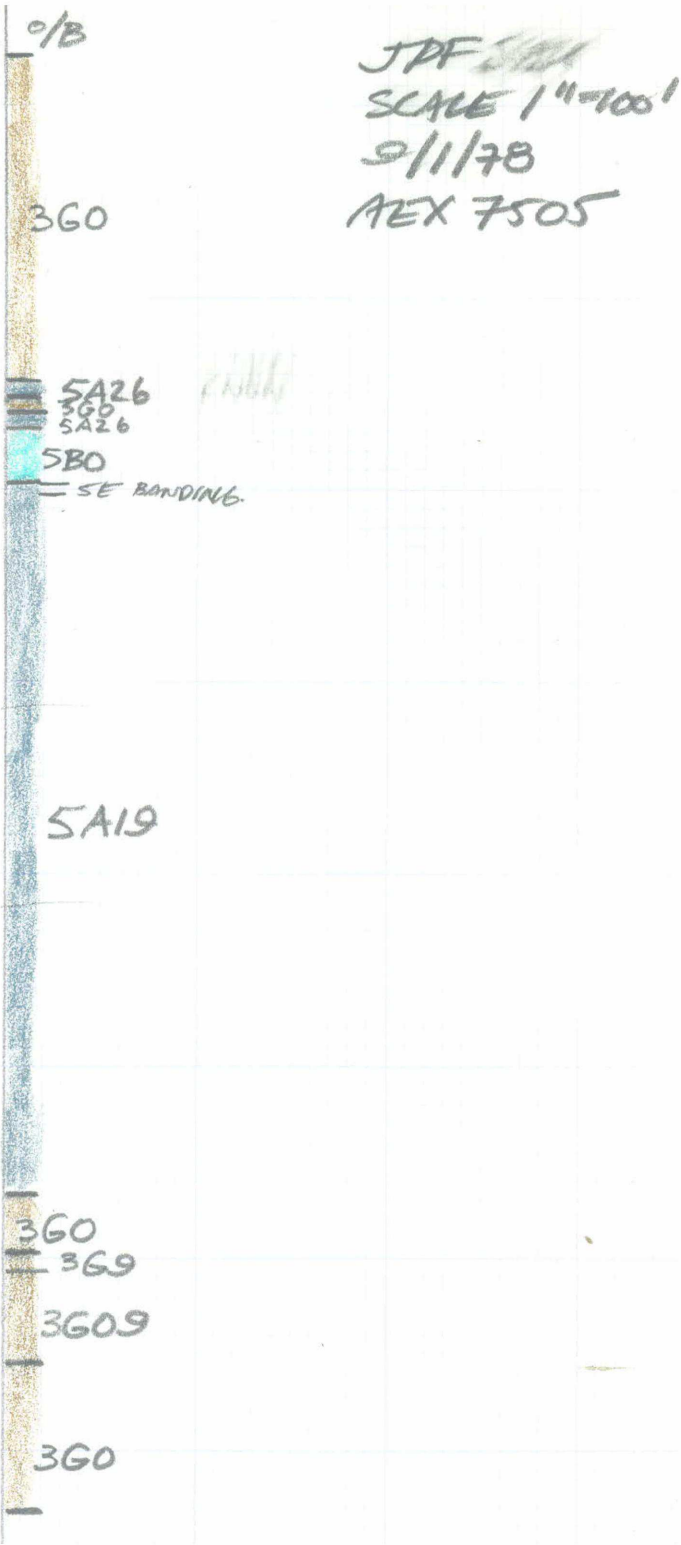
592 – 617

DDH AGX 7505 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: _____

Code	From	To	Unit	Code	Description
1	10 — 14	16 — 20	22 23	25 — 27	
L	6110	6148	008360		medium gray phyllite with zones of darker gray weakly [illegible] all non limy except for veins
L	6148	6158	009369		darker gray carbonaceous phy non limy
L	6158	7033	010360		medium gray non carb slightly darker carb phyllite non limy - quite variable in color.
L	7033	7182	011360		monotonous gray phyllite - non carb non limy - has thin greenish qtz bands as in unit 1 - similar to 1 and could be equivalent - see 1st unit (Sumpbol)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JDF
SCALE 1"=100'
9/1/78
AEX 7505
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5A26
3GO
5A26
5BO
SE BANDING
5A19
3GO
3G9
3G09
3GO