42A16SW0085 11 MOODY

Diamond Drilling

Township of MOODY

Report Nº: 11

Work performed by: Texasgulf Canada Limited

Claim Nº	Hole Nº	Footage	Date	Note
L 410552	M-42-1	324.5'	Jan/75	(1)
L 410553	M-42-2	511.0'	Feb/75	(1)

Notes:

(1) #124-75

Wesley Twp.

410549	410550	410557	410558
410548	410551	410556	410559
401813	401816	410552	410555	410560
401814	401815	410553	410554	410561

Moody Twp

M 1832

410524 410532

82100 82099 82094 82095

82104 82103 82102 82105

TEXASGULF (CANADA) #124

MOODY TWP.

D. D. HOLE No. M-42-1

Azm

Loc. 24+00E ... Dip collar : -51° ... ~~Bearing~~ collar : 150° ... Length : 324.5

8+75S ... 300' : -47° ... : ... Collar el. :

: ... : ... Bottom el. :

Drilled by: Bradley Bros. Core size: AX Begun: Jan.30/75 Ended: Feb.4/75 Logged by: J. Watkins

Samples	Footage drilled From	To	Len.	Geology
xxxx	0.0	146.0	146.0	CASING
	146.0	181.0	35.0	ALTERED ANDESITE
				Medium to light greyish green, fine grained, moderately carbonated throughout, weakly sheared from 172 to 181 @ low angles to core axis, weak disseminated pyrite throughout, narrow irregular carbonate stringers throughout, no primary volcanic features preserved
				Lower contact gradational over 2"
	181.0	191.0	10.0	SHEARED ALTERED ANDESITE
				Medium grey, fine grained, strongly shered @ 20° to core axis, moderately carbonated with irregular carbonate veins up to ½", moderately chloritic, weakly sericitic, minor disseminated pyrite
				Lower contact sharp @ 20° to core axis
	191.0	194.0	5.0	SHEARED GRAPHITIC ZONE
				Dark grey, fine grained, strongly sheared with elongated andesitic and pyritic streaks @ 20° to core axis, andesitic material moderately carbonated, carbonated veining up to ½" roughly concordant with shearing, moderately graphitic
				Sulphides 3-5% as elongated streaks pyrite & pyrrhotite concentrated near the upper contact.
				Lower contact broken.
	194.0	199.0	5.0	SHEARED ALTERED ANDESITE
				Light greenish grey, fine grained, strongly sheared @ 20° to c/a, weakly carbonated,

Loc. ..... Dip collar : ..... Bearing collar : ..... Length : .....

.... : .... : ..... Collar el. : .....

.... : .... : ..... Bottom el. : .....

Drilled by: Core size: Begun: Ended: Logged by:

Samples	Footage drilled From	To	Len.	Geology
xxxx				moderately sericitic, Sulphides: 1% py as smears on schistosity planes.
				Lower contact gradational
	199.0	203.0	4.0	CARBONATED ANDESITE
				Light greenish grey, fine grained, 40% carbonate as irregular veinlets crudely concordant with schistosity weakly to moderately sheared @ 30° to c/a. Sulphide < 1% pyrite as dissemination.
				Lower contact gradational
	203.0	319.8	116.8	ALTERED ANDESITE
				Light greenish grey to 276', from 276' dark green, fine grained, 2% irregular carbonate veining, possible primary volcanic features as narrow volcanoclastic section, tuffaceous bands? and possible pillow rims @ 40° to 45° to c/a, minor diss py & po with trace of Cp.
				Lower contact sharp @ 30°
	319.8	325.2	32.4	GRAPHITIC ARGILLITE
				Dark grey, fine grained, fairly uniform, no well developed banding or bedding, occasional irregular carbonate stringer, specks of sulphides elongated @ 30° to core axis. Sulphides 2-3% diss Py and Po as dissemination and fine streaks.
				Lower contact fairly distinct @ 40° to c/a

Loc. ..... Dip collar : ..... Bearing collar : ..... Length : .....

.... : .... : ..... Collar el. : .....

.... : .... : ..... Bottom el. : .....

Drilled by: Core size: Begun: Ended: Logged by:

Samples	Footage drilled From	To	Len.	Geology
xxxx	325.2	333.5	8.3	SULPHIDE ZONE
				55% Py and 5% Po. Pyrite occurs as broken concentric
				Nodules up to 1" in diameter. Pyrrhotite occurs as
				dissemination around Py. Host to the sulphides is
				graphitic argillite banded @ 25° to c/a
				Lower contact sharp at 25° to c/a
	333.5	406.3	72.8	TUFF (INTERMEDIATE)
				Light grey brown, fine grained, well banded @ 30° to
				c/a
				Creamy grey chert section @ 341.5 - 2", 364.4 - ½",
				365.5 - ¼". Sulphides occur as bands of Py+Po+minor Cp
				concordant with tuffaceous banding
				From 334 to 337 - 40% sulphides
				From 337 - sulphide bands up to 2" decrease in content
				Lower contact sharp @ 30° to core axis
	406.3	324.5	81.8	DACITE
				Medium grey green, fine grained, fairly uniform through-
				out.
				From 413 to 415.6 - quartz-carbonate vein
				From 422-423 - possible fine lapilli tuff weakly banded
				at 30° to core axis
				Sulphides minor fine disseminated pyrite
	324.5			END OF HOLE

MOODY TWP

D. D. HOLE No. M-42-2

Loc. L21E @ 14+25S | Dip collar : -51° | Bearing collar : 330° | Length : 511'

300' : -49° | : | Collar el. :

500' : -39° | : | Bottom el. :

Drilled by: Bradley Bros | Core size: AQ | Begun: Feb.7/75 | Ended: Feb.11/75 | Logged by: J. Watkins

Samples	Footage drilled From	To	Len.	Geology
xxxx	0.0	140.0	140.0	CASING
	140.0	280.0	140.0	ANDESITE TUFF
				Grey green becoming light grey green, fine grained,
				fairly well banded @ 55° to 60° to c/a, occasional
				creamy grey chert bands up to 1" wide, irregular
				quartz-carbonate veins averaging ¼"
				Sulphides: overall averaging about 7%, predominantly
				pyrite with minor pyrrhotite, occurs as bands con-
				cordant with tuffaceous banding up to 1" wide but
				averaging 1/8 to ¼"
				From 275 to 276: sand seam
				Lower contact gradational
	280.0	286.5	6.5	ANDESITE
				Grey green, fine grained, uniform, minor quartz-
				carbonate veining
				Sulphide: minor disseminated pyrite
				Lower contact gradational
	286.5	337.0	50.5	ANDESITE TUFF
				As before, with uniform andesite sections up to 2' wide,
				no cherty bands
				Sulphide: 5% pyrite with minor pyrrhotite throughout,
				narrow sulphide bands - not numerous, several bands
				of massive sulphides up to 3" wide
				Lower contact distinct @ 65° to c/a

Loc. ..... Dip collar : ..... Bearing collar : ..... Length : .....

.... : .... : ..... Collar el. : .....

.... : .... : ..... Bottom el. : .....

Drilled by: Core size: Begun: Ended: Logged by:

Samples	Footage drilled From	To	Len.	Geology
xxxx	337.0	338.5	1.5	GRAPHITIC TUFF
				Dark grey with narrow light bands, fine grained,
				weakly graphitic, well banded @ 65° to core axis.
				Sulphides: 10% pyrite as broken nodules concordant
				with banding
				Lower contact gradational
	338.5	382.0	43.5	ANDESITE TUFF
				As before, banded @ 70° to core axis, occasional
				cherty section with one @ 353' 2" wide
				Sulphides: 6% pyrite with minor pyrrhotite as bands
				up to 1", averaging ¼" to ½"
				Lower contact broken
	382.0	386.0	4.0	GRAPHITIC ARGILLITE
				Black to dark grey, fine grained, fair uniform, banding
				marked by sulphides.
				Sulphide: 15% pyrrhotite and pyrite as bands up to
				¼" wide, pyrrhotite occurs as fine grained bands,
				pyrite as a fine cluster of cubic pyrite
				Lower contact gradational
	386.0	442.5	56.5	ANDESITE TUFF
				As before, banded 70° to 75° to core axis, narrow
				cherty bands up to ¼" averaging about 1 per foot.
				Sulphides: 10% predominantly pyrite with minor
				pyrrhotite as bands up to 2" increasing with depth
				and as fine dissemination also increasing with depth
				Lower contact gradational

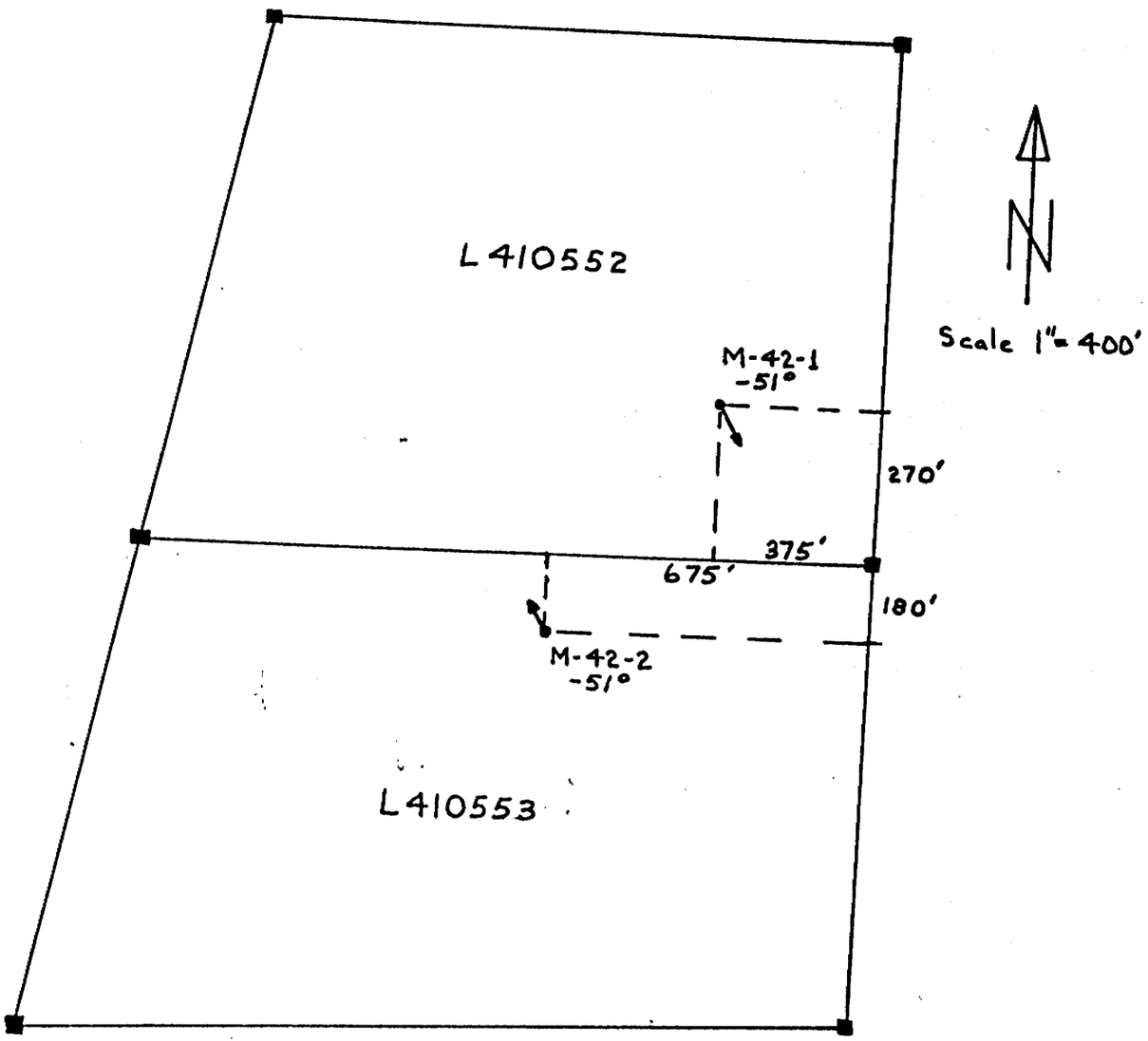
Loc. ..... Dip collar : ..... Bearing collar : ..... Length : .....

.... : .... : ..... Collar el. : .....

.... : .... : ..... Bottom el. : .....

Drilled by: Core size: Begun: Ended: Logged by:

Samples	Footage drilled From	To	Len.	Geology
xxxx	442.5	448.0	5.5	GRAPHITIC TUFF
				Dark grey with light grey sections, fine grained,
				moderately banded with andesitic sections, moderately
				graphitic
				Sulphides: predominantly pyrite with minor pyrrhotite
				From 442.5 to 443.5: 60% broken pyrite nodules, re-
				mainder as fine bands and as broken concentric banded
				pyrite nodules
				Lower contact gradational
	448.0	511.0	63.0	ANDESITE
				Light grey green, fine grained, fairly uniform, weakly
				banded over narrow section @ 70°-80° to c/a,
				Sulphides: minor disseminated pyrite
	511.0			END OF HOLE


L410552
M-42-1
-51°
270'
375'
675'
180'
M-42-2
-51°
L410553
N
Scale 1"= 400'