



42A14NE0077 17 HANNA

010

Diamond Drilling of Hanna

Township

Report N^o: 17

Work performed by: Duncan R. Derry Limited

Claim N ^o	Hole N ^o	Footage	Date	Note
P.362950	74-1	702"	April 1973	(1)

Notes: (...) date placed on file

(1) (June 1974) 249/73

DERRY, MICHENER & BOOTH
DIAMOND DRILL RECORD

CO-ORDS: L20S
8+50W
AZIMUTH: Grid W (223°)

HOLE NO: 74-1

PROPERTY:

DIP: DRILL TYPE & SIZE: BBS-2 AQ LOCATION: Hanna Twp., Ontario
Claim No. 362950
ELEVATION: DIP TESTS: 250' - 47 1/2° (corrected) DATE STARTED: April 20, 1973
450' - 49° DATE COMPLETED: April 29, 1973
LENGTH: 702' 650' - 50° LOGGED BY: P. E. Piazza
SECTION: DATE LOGGED: April 22-29, 1973
PURPOSE: To test a 25 mho Turam anomaly. No associated magnetics.

24973
Hanna Twp.

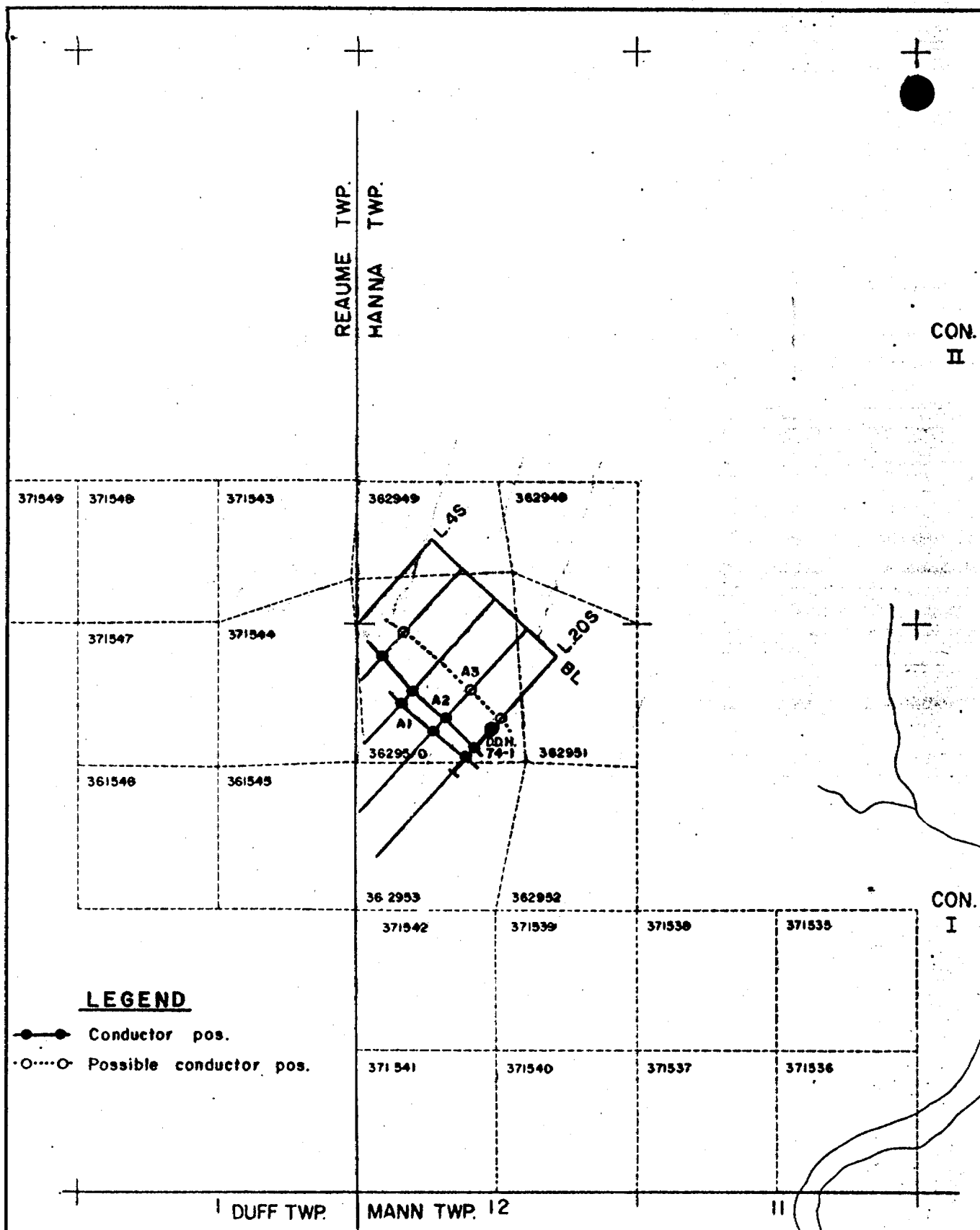
FOOTAGE		DESCRIPTION	SAMPLE NO:	FOOTAGE		LENGTH						
from	to			from	to							
0'	226'	Overburden; 0-65' clay, 65-95' sand, 95-182' gravel with some boulders, 182-226' compact sandy clay and pebbles.										
226'	228'10"	No core.										
228'10"	244'10"	GRAPHITIC TUFF. Black, fine-grained, finely bedded, 70-80° C/A. Minor disseminated pyrite (< 1/2%), py flattened along slip planes. Weakly graphitic to 239'.										
		228'10"-239' Tuff, less graphitic, medium-grained, well bedded, 70-80° C/A. 231'6"-231'8" contorted bedding 40-50° C/A.										
		239'-240' Dacite tuff, light grey, flow lines (?).										
		240'-244'10" Same as 228'10"-239', 1/8-1/4" calcite veinlets and 1/8" pyrite stringers parallel to bedding, < 2% disseminated pyrite. Lower contact brecciated (Dacite fragments).										

FOOTAGE		DESCRIPTION	SAMPLE Nº:	FOOTAGE		LENGTH						
from	to			from	to							
244'10"	300'5"	DACITE TUFF. Medium-grained, light pale greenish-grey colour, faint lineations of darker minerals suggest bedding 70-80° C/A. Weakly calcareous. Gradually becomes finer-grained in lower 2'. Numerous quartz-calcite veinlets generally 15-20° C/A. Rare specks of pyrite.										
		254' 1/2" Quartz-calcite veinlet, 15° C/A.										
		272' 1/4-1/2" Quartz-calcite veinlet, 15° C/A, contains specks of pyrite, trace of weathering.										
		274'8"-274'10" Quartz-calcite veinlet.										
300'5"	324'10"	GRAPHITIC TUFF AND DACITE. Interbedded prominent black (1/32"-1/2") graphitic bands and green-grey tuff. Some minor brecciation and fracturing. Weathering evident near fracturing, slightly calcareous. Flow lines (?) and bedding 50-60° C/A.										
		301'2"-304'4" Graphitic tuff as per 228'10"-244'10", but more siliceous. 1/8" calcite veinlets, 40° C/A.										
		304'4"-317'8" Dacite (flow) breccia, greenish-grey fragments. Pyrite-graphite matrix. Pyrite forms about 20% of matrix and 2-5% of rock.										
		317'8"-324'10" Interbanded fine-grained grey to black graphitic tuff and greyish-white siliceous sediments. Brecciation in upper 2' part contains some pyrite and graphite in matrix.										

FOOTAGE		DESCRIPTION	SAMPLE N ^o :	FOOTAGE		LENGTH	Cu %	Zn %	Au oz./t.	Ag oz./t.		
from	to			from	to							
324'10"	392'6"	DACITE TUFF. As per 244'10"-300'5". Trace of disseminated pyrite and pyrrhotite. Numerous quartz-calcite veins up to 1 foot (generally 1-2") from 342'9" to 388'. Pyrrhotite, pyrite and trace of chalcopyrite associated with these veins. Quartz-calcite veins with chalcopyrite blebs are: 365'5"-366'7", 378'3"-378'5, 383'2"-383'3". Less than 1% disseminated sulphides from 359-374', plus pyrrhotite, pyrite and trace of chalcopyrite in quartz-calcite veins.	12	350'	359'	9'	0.056	0.05	0.005	0.1		
			13	359'	364'	5'	0.034	0.05	0.005	0.1		
			14	364'	369'	5'	0.094	0.05	0.01	0.1		
			15	369'	374'	5'	0.021	0.05	0.005	0.1		
			16	374'	380'	6'	0.065	0.06	0.005	0.17		
392'6"	395'5"	GRAPHITIC TUFF. (Argillaceous). Very finely contorted bedding about 60° C/A. Well mineralized with fine pyrite (<10%).										
395'5"	503'4"	DACITE TUFF. Medium-grained, grey colour. Same as 244'10"-300'5" but darker in colour. Upper and lower 10' finer-grained and light green-grey colour. Very weakly magnetic and slightly calcareous. Minor, very disseminated pyrrhotite and pyrite. Numerous quartz-calcite veinlets (1/8") with traces of sulphides at various angles to C/A. Wider quartz-calcite veinlets as follows: 407'8"-407'10", 426'5"-426'6 1/2", 428'2"-428'4 1/2" (25° C/A), 440'3 1/2"-440'4 1/2" (30° C/A), 465'7"-465'11".										
		502'-503'4" Pyrrhotite-pyrite in stringers (<1/8") at about 45° C/A. Very thin black graphitic bands.										
503'4"	527'11"	TRANSITION ZONE. 503'4"-505'6" Graphitic tuff, finely bedded graphitic rock, alternating light and dark beds. Minute pyrite stringers and quartz-calcite veinlets.										

FOOTAGE		DESCRIPTION	SAMPLE №:	FOOTAGE		LENGTH						
from	to			from	to							
655'7"	676'8"	FELDSPAR PORPHYRY INTRUSIVE. Grey matrix with sub-hedral feldspar phenocrysts up to 1/4". Upper and lower contact sharp, 65° C/A.										
676'8"	702'	DACITE FLOW. Light green-grey colour, aphanitic, slightly altered (talc). Lineations 45-65° C/A. Very minor disseminated pyrite.										
702'		END OF HOLE.										
		Discussion of Results:										
		Wide conductive zone is caused by three bands of graphitic tuffs within dacite tuffs and flows.										
		The conductive zone between 503'4"-527'11" contains 21" of vugy massive pyrite.										

FOOTAGE		DESCRIPTION	SAMPLE Nº:	FOOTAGE		LENGTH						
from	to			from	to							
503'4"	527'11"	505'6"-507'1" Dacite (flow) breccia similar										
	(Cont.)	to 304'4"-317'8", but darker and lacking pyrite in matrix.										
		507'1"-508'9" Graphitic tuff as per										
		503'4"-505'6"; 2-3% pyrite-pyrrhotite and trace of chalcopyrite.										
		508'9"-510'6" Massive pyrite, crystalline, vugy, graphite in vugs.										
		510'6"-513'8" Same as 503'4"-505'6".										
		513'8"-526' Same as 505'6"-507'1".										
		526'-527' Same as 503'4"-505'6".										
527'11"	536'11"	INTERMEDIATE FLOW. Medium-grained, greenish-grey, bands of prominent spherulitic texture and flow contacts. Spherulites (0.2 inches), light grey colour in darker green matrix.										
536'11"	574'	DACITE TUFF. Similar to 244'10"-300'5".										
		537' 1" graphitic tuff with py-po,										
		60° C/A.										
		550'10", 568'4", 576'9" - quartz-calcite veinlets										
		35° C/A.										
574'	655'7"	DACITE TUFF AND BRECCIA. Similar to 304'4"-317'8" minor spherulite texture in places and black graphitic argillite around fragments. Rock generally light green to grey-green colour, fine-grained. Minor disseminated pyrite-pyrrhotite < 1/2%.										

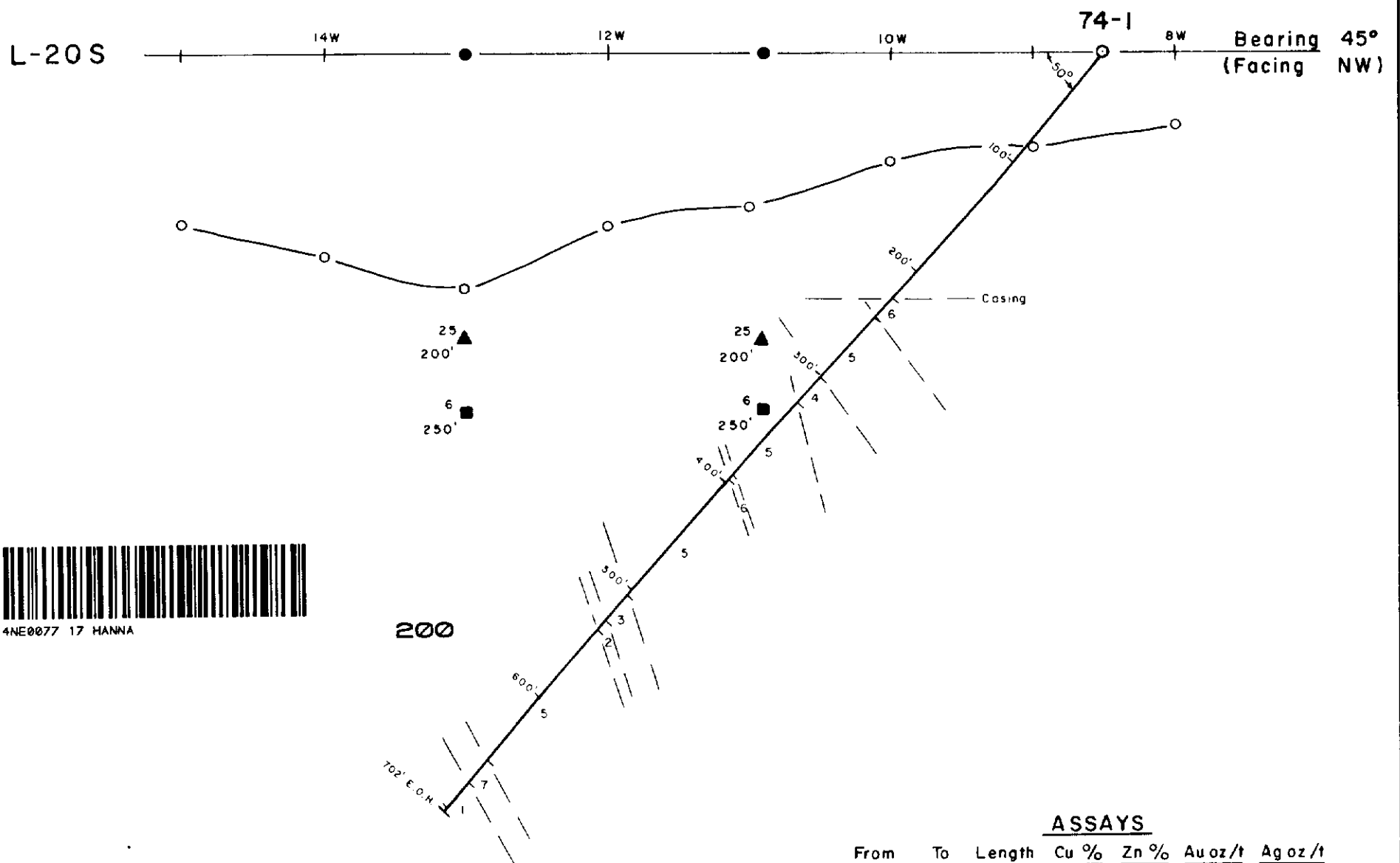
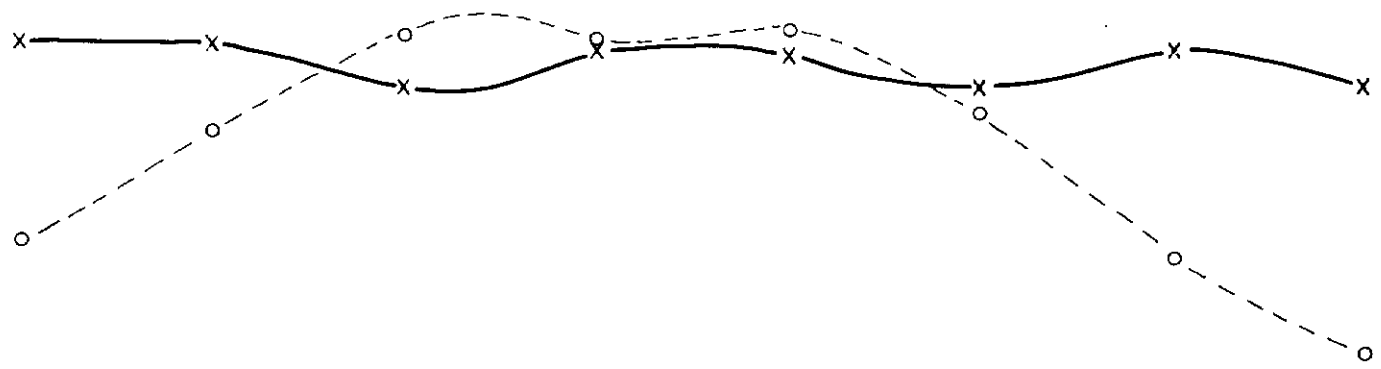


DEEPEX PROJECT - GROUND FOLLOW UP

GRID No. 74, HANNA TOWNSHIP, TIMMINS AREA, ONTARIO

LOCATION MAP

SCALE : 1" = 1320'



ASSAYS

From	To	Length	Cu %	Zn %	Au oz/t	Ag oz/t
350'	359'	9'	0.056	0.05	<0.005	<0.1
359'	364'	5'	0.034	0.05	<0.005	<0.1
364'	369'	5'	0.094	0.05	<0.01	0.1
369'	374'	5'	0.021	0.05	<0.005	<0.1
374'	380'	6'	0.065	0.06	<0.005	0.17

LEGEND

- 7 Feldspar porphyry intrusive
- 6 Graphitic tuff
- 5 Dacite tuff, breccia
- 4 Graphitic tuff; dacite
- 3 Transition Zone
Graphite tuff, dacite breccia, massive pyrite
- 2 Intermediate flow
- 1 Dacite flow, altered
- Diamond Drill Hole
- Conductor axis on surface
- (mhos) 25
200' ▲ Turam axis and depth
- 250' ■ Turam air axis and depth
- X—X Mag. profile: 1" = .00 gammas (B.L. 400 gammas)
- o---o Turam - F.S.R.: 1" = 20%, B.L. = 100% (a = 100')
- o—o Turam - Phase: 1" = 10°, B.L. = 0° (")

DERRY, MICHENER & BOOTH

DEEPEX PROJECT

D.D.H. - 74-1
DRILL SECTION AND
GEOPHYSICAL PROFILES

Scale 1" = 100'

By: P.E. Piazza
Date: May, 1973

Map No