

32D05SE0073 12 BEN NEVIS

010

Diamond Drilling

Township OF BEN NEVIS

Report Nº: 12

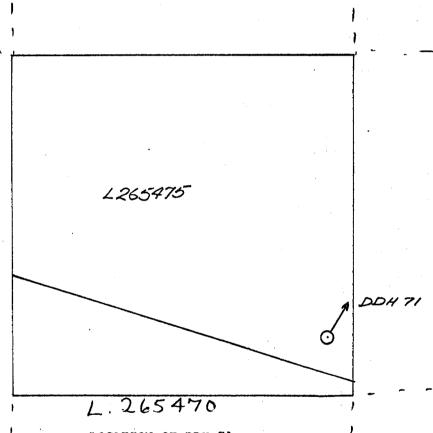
Work performed by: AMAX EXPLORATION INC.

| Claim Nº L 265475 | Hole N9 TX-71-71 | Footage | Date 0ct/71 | Note (1) — |
|----------------------|---------------------|---------|----------------|---------------|
| L 265470 | TX-72-71 | 301' | Oct/71 | (1)~ |
| L 280646 | TX-73-71 | 4511 | Sept/71 | (1) |
| L 280649 | TX-99-73 | 4081 | Apr/73 | (2) |
| | TX-100-73 | 4001 | Apr/73 | (3) |
| L 280648 | TX-105-73 | 300' | May/73 | (2) |
| | | 2160 | | |

Notes:

- (1) 211/72
- (2) 117/73
- (3) 119/73 (and 147/74 See report 14)

74



LOCATION OF DDH 71

BEN NEVIS TOWNSHIP

AMAX EXPLORATION INC

SCALE: 1 inch = 400 feet

DIAMOND DRILL RECORD

Hole No. TX-71-71

| | | | | | | | - | | | | | 0.0 2 (| | |
|----------------------------|------------------------------------------------|---------------------|------------------------------|-----------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------|---------------------|------|--------------------|------------|----------------------------------------|---------------------------------------|---|
| Property Township Location | TX-71-71 Ben Nevi: Claim L20 Line 0 by: W.R. | s 65475 T+95N | Length Bearing Dip Objective | 300' 015° 45° To test northern flank of IP anomaly. | | Oct. 11, 1971 Oct. 12, 1971 Continental D.D. AQ in Hole 12 ft. | Dip: Collar Etch Test | 45° Depth 200' 300' | Rdg. | True 30° 34° | Location S | ************************************** | North Claim No. L265 | ; |
| Remarks - | Wate | r Source: Beav | ver pond 1 | ine 16W 8N | *************************************** | | | | | | | 71-71.2 | Scale: 1" = 1000" | |
| Foo | otage | | | DESCRIP | P I O N | | | | | | | | · · · · · · · · · · · · · · · · · · · | |
| From | То | | | DESCRIP | LIUN | • | | | | | | | | |
| 0 | 12 | OVERBURDE | N | Boulders, clay & | gravel | | | | | | | | | |
| 12 | • | RHYOLITE | BRECCIA | weakly sheared. section the rock fragments rangin | Over almo is brecci g from l i rock is si | weakly foliated in st the entire length ated with individua n to 3 in in longes licified with many | h of the l angular t sections | | | | | | | - |

showing heavy sericitization and rarer epidotization. Chlorite and carbonate are prevelant as fracture fillings. Py is present from 2-5% distributed fairly evenly through the section, but locally it is present to 15% over short sections. The highest concentrations occur between fragments principally in association with dark chlorite. Heavy interstial py to 50% associated with increased 20:5-22.0 ft quantity of chlorite veinlets. Core badly broken with poor recovery. Sugary 39.5-41.0 ft texture in part with heavy limonitic staining. 47.5-48.0 ft Heavy py to 65%. Broken core, poor recovery, Timonitic. 49.5-50.5 ft 55.0-55.5 ft] Broken core, poor recovery, limonitic. 10% py in fragmented rock. 58.5-61.5 ft

whyale

DIAMOND DRILL RECORD

| Hole No. | TX-71-71 |
|----------|----------|
| | 2 |

| <u></u> | | DIAMOND DRILL RECORD |
|---------|--------------------------------------------------|------------------------------------------------------------------|
| | tage | DESCRIPTION |
| From | То | 62.0-62.5 12% py interstial to fragments. |
| 1 | | 12% py Interstrat to Tragments: |
| | | 113.0-115.0 Typical breccia containing about 2-5% background py. |
| | | |
| | | 229.0-231.0 5-10% py |
| | | ł · · · · · · · · · · · · · · · · · · · |
| | | 243.0-245.5 7% py |
| | | 257.0-258.5 |
| | | 237.0-230.3 |
| | • | 272.0-273.0 5% py |
| 300 | | END OF HOLE |
| 300 | - | CAD OF HOLE |
| | | |
| | | |
| | | |
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| | <u> </u> | |
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N 4

L. 265475

L 265470

O DDH 72

LOCATION OF DDH 72, BEN NEVIS TWP,

AMAX EXPLORATION INC.

SCALE 1 inch = 400 feet

DIAMOND DRILL RECORD

Hole No. TX-72-71

| | | | | | | | | 12016 140 | *************************************** |
|----------------------------|------------------------------------------------|-----------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------|-------------------------|-----------------|-----------------------------------------|
| Freperty Township Location | TX-72-71 Ben Nevis Claim L26 Line 2E, | 5 55470 | Length 301 Bearing 015° Dip 45° Objective To test IP anomaly. | Commenced Oct. 7, 1971 Completed Oct. 9, 1971 Drilling Co. Continental D.D. Core Size AQ Casing Left in Hole 7 ft. | Dip: Collar . | | Rdg. True 40° 36° | Location Sketch | North Claim No. L265470 |
| Logged <u>b</u> | y W.R. F | Ryall | | | | *************************************** | | | Scale: 1" = 1000' |
| Remarks | Wa | ater Source: Be | Beaver pond line 16W, 8N | | | | | VIII | 2000.1 == 1000 |
| | | | | | | | | | |
| Foot | | | DESCRIPT | CION | | | | | |
| From | To | OVEDDUDDE | EN Clay and gravel. | | | | - | | |
| 0 | | OVERBURDE | Clay and graver. | | | | | • | |
| 7 | · 301 | RHYOLITE | | coloured, soft in lighter cold | | | | | |
| | | | | ing heavy sericitization. Shear | | | | | |
| | | | | Generally massive, only weal | k | | | | |
| • | | | foliation develop | ped. The entire section is | | | | | |
| | | | | nerous chlorite - rich veinlets | | | | | |
| | | | | abundant disseminated py. Rare | ју сру | - | | | |
| | | 1 | | sisted with the pu | | | | * | |

transected by numerous chlorite - rich veinlets that
generally carry abundant disseminated py. Rarely cpy
and gal are associated with the py.

7-32 ft Cream-coloured massive, silicified in part but also
heavily sericitized. Weak foliation developed
(angle: CA ranges from ~45° near bottom). The entire
section is sheared and is cut by numerous fine
(~0.05 in) dark coloured veinlets composed essentially
of chlorite and very fine grained py which occurs as
aggregates of striated cubes. Core fragmented from
9-10 ft with poor recovery.

32-47 ft. Lighter coloured than last section, heavier
sericitization, softer massive unfoliated except
near 43 ft where a very weak foliation is developed
and this is paralleled by an increased number of
dark grey chlorite-pyrite veinlets ranging in size
from 0.01 - 0.1 in across. Veins mostly parallel
foliation (angle: CA ~45°).
From 38.5 to 39.5 ft core is badly fractured.

DIAMOND DRILL RECORD

| Foo | tage | | DESCRIPTION |
|------------------|--------------------------------------------------|----------------|------------------------------------------------------------------|
| From | То | | |
| | | 63-81 ft | Lighter coloured than above section, heavier |
| | | | sericitization. Heavier shearing and fracturing |
| | | | accompanied by increased number of chlorite -py veins |
| | | | Veining is particularly heavy in the interval 74-76 f |
| | | | Core is badly fractured from 70-71 ft |
| | - | 81-115.5 ft | Darker coloured than previous section, fragmented and |
| | | 01-115.5 16 | fractures with fractures healed by chlorite veinlets |
| | | | containing disseminated py. Well foliated in part |
| | | | with most veins being aligned subparallel to |
| | | | foliation (angle: $CA \sim 37^{\circ}$). Heavy veins near 99 ft |
| | | | with unfractured portions of rock having a rosy hue. |
| | | | with untractured portions of rock having a rosy lide. |
| | +- | 115.5-139.5 ft | Dark grey, generally hard, sheared with numerous |
| | | 110.5-159.5 10 | unsheared, angular fragments up to 3 in across. |
| | | | Numerous chlorite vein systems about half of which |
| | | | carry disseminated to massive py. Often mottled |
| | | | with patches of sericite - kaolinite up to 0.75 in |
| | | | across. Minor carbonate in groundmass. |
| | <u> </u> | | across. Minor carbonate in groundiass. |
| ., | | 139.5-152.5 ft | Lighter coloured than above. |
| | | 139.5-152.5 16 | Ligiter coloured than above: |
| | | 152.5-154 ft | Darker section. Fragmental with 4 in fragments |
| -d | | | enclosed by sericite-chlorite envelopes. Py |
| | | | accompanies chlorite. 5% py. |
| V _s . | | | |
| | | 154-198.5 ft | Lighter coloured with fewer chloritic veins. |
| | | | |
| | | 198.5-213 ft | Darker section, heavier chlorite. Fragmental |
| | 100 | | especially in section 201-209 ft. |
| | | | |
| | | 213-265 ft | Lighter coloured, massive less chloritized than |
| | | | above section. Weak disseminated py throughout |
| 1.1 | | | section but up to 10% in 6 in interval at 254 ft. |
| | <u> </u> | | Coarse fragments up to 3 in near 249 ft. |
| | | 284-301 ft. | Light coloured, massive, few chlorite veins. |
| | | 301 ft | End of hole. |
| | | 301 16 | LIIQ VI IIVIE. |
| | 1 | | |

Hole No. TX-72-71 Sheet No. 2

DIAMOND DRILL RECORD

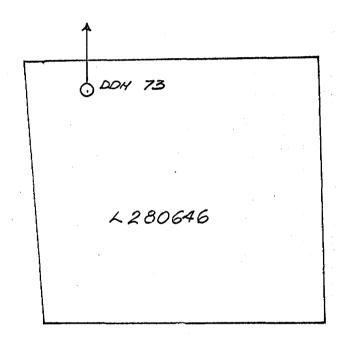
Hole No. TX-73-71

North

Scale: 1" = 1000'

| | | | | | | <u> </u> | |
|----------------|--------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------|---------------------------------------------------------------------|
| Location | Ben Nevis Claim L 2 Line 4E y W.R. Ry | s 280646 10+75N yall | Length 451 Bearing 0° Dip 45° Objective e 4W near 11+00N on drill road. | Commenced Sept. 24, 1971 Completed Sept. 27, 1971 Completed Continental D.D. Core Size AQ Casing Left in Hole 95 ft. A | Dip: Collar 50° Etch Test Depth 200' 300' 445' | Rdg. True 49° 45° 39° | Location Sketch Tx-73-71 ST S |
| Foo | otage | | | | | | |
| From | To | | DESCRIP | TION | | | |
| 0 | 78 | OVERBURDE | EN Clav. sand. gravel. | boulders. Boulders up to 3 ft | | | |
| | 1 - ' 1 | O I E NO ONDE | predominately dacite | e and andesite. Some contain up | to | | |
| • | | | 5% sulphide with min | | | | |
| | • | | | | | | |
| 78 | 88 | DACITE | | ined, mostly massive. Finely | | | |
| | 1 | | | fragment size generally less than | <u>n - 1 - 1</u> | | |
| | 1 | | .2 inches. | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · | | |
| | 1 | DAGITE | 14-bb | lan maccive to 02 ft when | | | |
| 88 | 95.5 | DACITE | foliation becomes a | lar, massive to 93 ft. when bylous. Angle foliation: CA \sim 49 | 5 0 | | |
| | 1 | · · · · · · · · · · · · · · · · · · · | Assavad saction is | rusty and contains finely | - | | |
| | 1 | | disseminated by up | to 5%. Only 70% core recovery. | <u> </u> | | |
| | | | aressimilated py up | | | | |
| 95.5 | 132.6 | DACITE | Light grey, soft, v | esicular over most of length | | | |
| | | | porphyritic in part | . Heavily altered with abundant | | | |
| | | | | ldspar phenocrysts and ground mass | 5. | | |
| | | <u> </u> | Latter hosts up to | 10% carbonate. Generally well | - | | |
| | 1 | | | tion being defined by stretched | ************************************** | • | |
| | | | | tic seams. The section contains | an | 7 | |
| | | | average of 5% gener | ally in aggregates & vesicle fill s but sections up to 5 ft contain | to who | yall | |
| | + | | 10% py Work disco | s but sections up to 5 it contain minated cpy is associated with py | | 1 | |
| | | | | | | T | |
| 132.6 | 144.0 | DACITE | | tic, massive, soft indicating hear | v | | |
| | | | alteration. Chlori | tization evident. Contains only | | | |
| | | | sulphides - less 1% | . Two 6 in sections near 141 ft | | | |
| - - | | | | | | | |

contain isolated py aggregates.



LOCATION OF DDH 73

BEN NEVIS TOWNSHIP

AMAX EXPLORATION INC

SCALE: 1 inch = 400 feet

211/72 Amox Ben Nevis Tup.

AMAX EXPLORATION, INC. DIAMOND DRILL RECORD

| Hole No | TX-73-71 |
|-----------|----------|
| Sheet No. | 2 |

| Foot | age | | DESCRIPTION |
|-------|-------|----------|-----------------------------------------------------------------------------------------------------------------|
| From | To | | DESCRIFIION |
| | | | , |
| 144.0 | 260.0 | DACITE | Light grey, mottled, well foliated (foliation: $CA \sim 60^{\circ}$). |
| | | | Soft heavily altered with abundant chlorite, sericite, |
| | | | carbonate in evidence. Vesicular in part with sericite- |
| | | | kaolinite-carbonate-sulphide in fillings. Py generally |
| | | | makes up 5% but often is up to 10% as aggregates up to |
| | | | 0.75 in across. Aggregates of 0.5 in diameter are more |
| | | | common Weak Chy accompanies by over entire section but |
| | | | common. Weak Cpy accompanies py over entire section but is more evident in chlorite-rich areas. Cpy never |
| | | | exceeds 10% of sulphides. Few 0.5 in milky quartz veins |
| | | | parallel foliation. The rock is frequently fractured and |
| | - | | near 247 ft fine fractures are healed with chlorite and |
| | , | | py containing minor cpy. The mineralized section ends |
| | | | near 265 ft in a gradational manner. Core recovery |
| | | | 214-226 ft 60%. |
| | | | |
| 260.0 | 451.0 | ANDESITE | Dark grey, fine grained, generally massive soft chloritize |
| . • | | | often mottled. Possible chlorite-rich pillow selvages |
| | | | observed near 326 & 346 ft. Fine py distributed over |
| | | | entire length but this generally is < 10%. In the |
| • | | | interval 277 - 287 ft several 6 in sections containing |
| | | | 10% py are developed. Near 300 ft the andesite is |
|) | | | finely fractured and infilled with py to 5%. |
| | | | 321 - 350 ft. dark grey mottled. |
| | • | | 399 - 408 ft. light grey, bleached, fractured. |
| | | | 427 - 451 ft. finely fragmental. |
| | | | |
| | | | |
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| 4 | | | The second se |

● 7×-99 ∠280649

Ben Nevis Tup Report # 117-73. Amax Expl. Inc.

Amax Exploration Inc Timmins, Ontario

LOCATION OF DDH Tx-99 Ben Nevis Township.

Scale: 1 inch = 400ft

DIAMOND DRILL RECORD

TX-99-73 Hole No.

| Property Be Township Be | en Nevis en Nevis rid 3 ine 6E, 1 .R. Ryall | Bearing 0° Dip -4 Objective | Commenced 2 April 1973 Completed 5 April 1973 Drilling Co. Continental D.D. Core Size BQ Casing Left in Hole | 1 | Collar | -45° Depth | Rdg | 5. Tr | 1 | Location | Sketch | Nort Claim | h No. <u>L28(</u> | 0649 |
|----------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------------------|----------|
| Remarks | | | | | | | | | | ——— | · | Scale: | 1" = 100 | 00' |
| Foota | ge | | | | Sample | 1 | 1 | T | T | T | 1 | <u> </u> | İ | |
| From | То | | DESCRIPTION | | No. | From | То | Length | | | <u>.</u> | | | |
| 0.0 | 10.0 | OVERBURDEN | | | | | | | | | | | | |
| | | | Light grey, massive, composed of numerous angula | | ļ | ļ | | 1 | ļ | | ļ | | | |
| 10.0 | 31.0 | DACITE FRAGMENTAL | | | | <u> </u> | 1 | | | | ļ | · | | |
| | | | set | | | | | <u> </u> | | | <u> </u> | | | |
| | | | in a chloritized, sericitized groundmass. Fragme are unsorted and show heavy alteration. Very com | | ļ | | ļ | | <u> </u> | 1 | | | | |
| | | | | | | | | | <u> </u> | | | | | |
| ļ | | | Py | | <u> </u> | | | - | | | | | | |
| | disseminated throughout section av 1-2%. | | | | | | | | | 1 | | | | <u> </u> |
| 31.0 | 227.0 | DACITE | | | 1 | | + | | | | | | | |
| 31.0 | 221.0 | DACTIC | Grey, massive, medium grained, moderately soft d to chlorite-sericite alteration. Carbonate veinl | | | | | | | | 1 | | | |
| | | | and patches very common many of which may be | C 63 | † | | <u> </u> | + | | 1 | 1 | | | |
| - | | | amygdules. 147-160 ft. mottled - heavy carbonate | - | | | | 1 | | † | | - | | |
| | | | amy gaarest 177 100 to modered many curbonate | | 1 | | | | | † | | | | |
| 227.0 | 255.5 | DACITE FRAGMENTAL | Grey, fairly massive contains plentiful angular | | | 1 | | | | 1 | | | | |
| | L00.0 | UNITE INVENTIGE | fragments to 5 in. diam., but av 0.5 - 1 in. | | <u> </u> | † | | | | 1 | | | | |
| | | | Groundmass very fine grained chloritized & seric | itized | | | | | <u> </u> | **** | | | | |
| - | | | Irregular carbonate veinlets and splashes. Py | | T | | | 1 | † | † | | f | | |
| 2 5 | | | disseminated throughout av 2%. | | 1 | | | | | 1 | 1 | 1 | | |
| | | | | , | 1 | 1 | | | 1 | | | | | |
| 255.5 | 305.0 | DACITE | Dark grey, massive, extensive chlorite-sericite | | 1 | 1 | | | | | | | | |
| | | | alteration. Numerous irregular patches of white | | | | | | 1.00 | | | | | |
| | | | carbonate. Pv common weakly disseminated through | out | | | | | | | | | | |
| | | | but heavy in patches - 280 ft. 10% py, 290-299 f | t | | | |] | | | | | | |
| | | | 15%. | | | | | | | | | | 1 1 | |
| | | | | | | | | | | | | | 1.1 | |
| 305.0 | 309.0 | DACITE FRAGMENTAL | As for section from 10-31 ft. | <u></u> | ļ | 1 | <u> </u> | | | <u> </u> | | <u> </u> | <u> </u> | |
| | | | | | | <u> </u> | ļ. <u>.</u> | ļ | | <u> </u> | | <u> </u> | ļ | |
| | | | | | | <u> </u> | | | 1 | | | | | |
| | | and the second | and the second s | egengere e e e engerea e egengere e e e e e e e e e e e e e | 1 | 1 | L | 1 | <u> </u> | | ــــــــــــــــــــــــــــــــــــــ | <u> </u> | Lagaria | 1 |

AMAX EXPLORATION, INC. DIAMOND DRILL RECORD

Hole No. TX-99-73
Sheet No. 2

| | 7 | | | Sheet No | | | | | | | | | |
|----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------|--------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------|-------------|
| Foots | ge | | DESCRIPTION | Sample No. | From | То | I ozati | | 1 | | 1 | 1 | |
| From | To | | | No. | From | 10 | Length | | | | | | |
| 309.0 | 325.0 | DACITE | As for section from 31-227 ft. | | | | | | 1 | | | <u> </u> | |
| | | | | | | ļ | | | 1 | | | | |
| | - | | | - | ļ | | <u> </u> | <u> </u> | | | | | |
| | | | | | <u> </u> | | | ļ | | + | | | |
| _ 325.0 | 329.0 | DACITE FRAGMENTAL | As for section from 10-31 ft. | + | | | | | | | | + | |
| | <u> </u> | DIOTIE TYTALE | 715 101 30001011 110111 10 01 100 | 1 | | 1 | | | 1 | 1 | | 1 | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| - 200 0 | | DAGITE | A C 21 007 St | | | <u> </u> | <u> </u> | | | | | | |
| 329.0 | 382.0 | DACITE | As for section from 31-227 ft. except 2 ft. section at 366 ft. DACITE FRAGMENTAL with 15% py. | | ļ | | | <u> </u> | 1 | | | — | |
| | | | at 300 It. DACITE FRAGRENTAL WITH 13% py. | | | 1 | + | | | + | + | + | |
| | | | | - | | | - | 1 | | | | 1 | |
| 382.0 | 385.0 | DACITE FRAGMENTAL | As for section from 10-31 ft. | | | † | | | | | † | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| <u> </u> | | | | | ļ | ļ | | <u> </u> | <u> </u> | | | — | |
| 385.0 | 408.0 | DACITE | As for section from 31-227 ft. | | | | + | | | + | | + | |
| | 400.0 | DAOTIE | AS 101 Section from 51 EE7 70. | | | | 1 | | | + | | - | |
| | | | | - | | | 1 | <u>† </u> | 1 | 1 | 1 | 1 | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | 1 | | | | + | 4— | |
| | | | | - | - | | | | | | + | + | |
| | | | | 1 | | | | | | | + 2 | H - | |
| | | | wadrall_ | 1 | | | | | | | 1 | 11 | |
| | | | ······ | | | | | | | | 9 | | |
| | | | W.R. Ryall, | | | _ | | | | | 102 | * | |
| | | and the state of t | | | | | | | 1 | 1 | 1 1/2 | 44 | |
| | | | | | | | _ | | 1 | | 101 | + | <u> </u> |
| | | | | | | | | | | | + * | ++- | |
| | | | | | | 1 | 1 | 1 | 1/200 | 1 1 2 2 | 1 1 | ++- | |
| | | | | - ; | 1 | 1 | | | | 1 | 13 | 1 | + |
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| | | | | | | | | | | | | 4 | |
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AMAX EXPLORATION, INC. Timmins, Ontario

LOCATION OF DDH TX-100 Ben Nevis Township

Scale: 1 inch = 400 ft

Ben Nevis Trop. Report # 119-73. anax Expl. Whe.

DIXACMID DDILL DECODD

| | | | | I | DIAMON | D DRILL RE | CORD | | . * • | | Hole | No. TX | -100-73 | |
|-----------------------------------------------|-----------------------------------------------------------|-----------------|-----------------------------------------|---------------------------------------|----------------------------------|----------------------------------------------------------------------|-----------------------|-----------|-------|----------|---------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Property Township Location Location Logged By | TX-100-73 Ben Nevis Ben Nevis Grid 3 Line 7E, 6 W.R. Ryal | 2 5+00S 1 | Length 400 Bearing 0° Dip -4! Objective | 50 | Completed Drilling Co. Core Size | 7 April 1973 9 April 1973 Continental D.D. BQ n Hole nil | Dip: Collar Etch Test | 45° Depth | Rdg. | True | Location Sket | · | North Claim No. L280649 | |
| Remarks _ | | | | | | | | | | | | | Scale: 1" = 1000' | |
| | tage | | | DESCRIP | TION | | N. | | | | | | : | |
| From | To 1.C.O. | OVEDBUIDDEN | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | |
| 0.0 | 16.0 | OVERBURDEN | <u> </u> | | • | | | | | | | | | |
| 16.0 | 400.0 | DACITE | <u> </u> | Grev to dark gre | ev. generally | medium grained mas | sive. | | | | | | | |
| | | | | | | d others brecciated | | | | | | | | |
| | | • | | unit shows varia | ble alterati | on with carbonate, | | | | - | • | | | |
| | | | | sericite and chi | lorite being | developed throughout | it | | | • | | | | |
| | | | | resulting in ro | ck being mode | rately soft. | | 1 | | | • | | | |
| <u> </u> | | <u> </u> | | | | | | | | | | | | |
| | | 440- | 16-22 ft. | | | al with frags to l | | | | 1 - 11 - | | | | |
| | | | | | | tion (angle to CA | approx. | | | | | | | |
| | 1 | | <u> </u> | 60-70°). Abundai | nd carbonate | and up to 5% py. | | | | | | | | |
| | | | 22-50 ft. | | .1 | | | | | | | | | |
| | | | 22-30 16. | | | th abundant angula | | | | | | | | |
| · | | | | diccominated the | <u>u in a Tine g</u> | rained groundmass. | 7y | | | | | | | |
| | <u> </u> | | | over 6 in. | ough section | - aggregates reac | 1 10% | | | | | | | • |
| | , , | | • | 01C1 0 111. | | | | | | | | | and the second of the second o | |

Fragmental section with heavy carbonate at top. Dissiminated py to 15% but av 5%.

Less fragmental section, showing crude foliation (angle to CA 40-60°). Py to 15% but averages 5%.

50-55 ft.

55-62 ft.

62-134 ft.

Massive.

AMAX EXPLORATION, INC. DIAMOND DRILL RECORD

| Hole No | TX-100-73 |
|-----------|-----------|
| Sheet No. | 2 |

| - | <u> </u> | |
|----------|----------|-----------------------------------------------------------------------------------------------------|
| Footage | | DESCRIPTION |
| From | То | |
| | | 134-195 ft. Fragmental, mottled appearance due to heavy |
| | | development of carbonate-silica amygdules averagin less than 0.5 in across. Frags to 2 in across |
| - | | set in heavily chloritized and carbonatized |
| | | groundmass. Py disseminated through section av 2-3%. |
| | | |
| | | 195-360 ft. Light grey, more massive section chlorite alteration not as heavy as above but sericite |
| | | and carbonate heavy. Py disseminated through |
| | | section generally av 2-5% but locally is to 30% |
| | <u> </u> | eg sections shown at right. |
| | | 360-364 ft. Highly carbonatized section. |
| | | 364-400 ft. Grey, fairly massive section with background |
| | | py to 2%. |
| · | | |
| | 400 | END OF HOLE. |
| | | |
| | | |
| | | |
| | | wherall |
| | <u> </u> | W.R. Ryall. |
| | | M.N. Nation |
| | | |
| <u> </u> | - | |
| | | |
| | | |
| - | 1 | |
| | | |
| | <u>×</u> | |
| | | |

AMAX EXPLORATION, INC Timmins, Ontario

LOCATION OF DDH TX-105 Ben Nevis Township

Scale: 1 inch = 400ft

DIAMOND DRILL RECORD

Hole No. TX-105-73

| | | | | | | | | | | | | | | | |
|--------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------|-------------|--------------------------------------------------|---------------|-------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|-------------|---------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Hole No | TX-105-73 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | menced 7 May 1973 | Dip: | Collar | -45 | 5° | | | Location | Sketch | North | ı | |
| Property . | Ben Nevis | Dearing Transfer of the second | | _ | | | | _ | ┤┎─ | | 0 | ì | | | |
| Township | Ben Nevis | | | ing Co. Continental D.D. | Etch | Test | Depth | Rdg | Tr | 1e | | · K | | | |
| Location . | 45+105, 1 | 15+10S, 11+30W Objective Core Size BQ | | _ | | | | | | | > | 1 1 | | | |
| | LL D. D. ral | 7 | Casi | ng Left in Hole | | | | | | | | | 1 | 1.000 | 2640 |
| Logged By | W.R. Ryal | 066: | | 4 | | | - | | | | | | Claim | No. L280 | 1648 |
| Core Locatio | n <u>Timmins</u> | UTTICE | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | Sasta | 1" = 100 | ۱ ۵ ۶ |
| _ | | <u> </u> | | | | ····· | | | • | Scale: | 1 = 100 | J | | | |
| Remarks _ | | | | | | | | | | L | | | J | * | |
| | | • | | | - | ************************************** | | ····· | | | | | | | |
| Foo | tage | | ~ ~ ~ ~ ~ · ~ · | | | Sample | | _ | | Ag |) Cu | I Zn I | | | |
| From | To | | DESCRIPTI | O N | | No. | From | То | Length | ppm | ppm | ppm | | | ı |
| 0.0 | 7.0 | OVERBURDEN | | | | | | | | | 1 | | | | í |
| | | | | | • | | | | | | | | | | |
| 7.0 | 85.0 | DACITE | Med grey, massive | , mod hard, fine grained, | | | | | | | | | | | Ĺ |
| | | | porphyritic in pa | rt with altered feldspar | | | | | | | | | | | |
| | | | | l in. Amygdaloidal in part | | | | | | | | | | | |
| | <u> </u> | | | from 0.1 to 0.5 in infille | | | | | | | | | | · | |
| | <u> </u> | | | onate. Numerous thin fine g | | | | | | | | | | | |
| | | | | utting core at high angles. | Rock | | | | | | | 1 | | | |
| <u> </u> | | | | part and contains lighter | | | | | | | | | | | <u> </u> |
| | <u> </u> | | coloured fragment | s near 65 ft. | <u>:</u> | <u> </u> | | <u> </u> | | | | 1 | | | <u> </u> |
| | | | | | | ļ | _ | | | | <u> </u> | 1 | | | <u> </u> |
| 85.0 | 100.0 | DACITE Dark grey, even grained, mod hard, massive, absence of fragments and only few amygdules. R | | | | | | <u></u> | | | - | - | | | |
| | | | | | | ऻ | <u> </u> | ļ | | | | <u> </u> | | | |
| <u></u> | 1 | | | ca veinlets except at 92.5 | Tt | | | | | | <u> </u> | 1 | | | |
| | 1 | where 4 in carbonate vein occurs. Py occurs throughout as coarse diss cubes that make up | | | · · · | | | | | | | | | | |
| | | | | | | | | | <u> </u> | · . | | | | | <u> </u> |
| | | | about 2% of unit. | Fragmental over 6 in at 99 | .5 Tt. | - | | | <u> </u> | <u> </u> | | | | | |
| 100.0 | 117.0 | DACITE FRAGMENTAL | Dank anny massiv | re, med hard. Consists of li | aht | - | | <u> </u> | | | | | | | |
| | 117.0 | DACITE I NAUMENTAL | | fragments from 0.2 to 3 in | | - | | | <u> </u> | | | | | | |
| | | | | ine grained chloritized and | | 1 | | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | indmass. Carbonate and silic | | | | | | | | | _ | | - |
| | | | | es and crosscutting veinlets | | | | | | | | + | | | |
| | + | | | shout but av 1.t. 1%. | • | | | | | | | | | | |
| * | + | | . , p. coene cini oug | 111040 040 47 1.00 170 | | | | | 1 | | | 1 | | - | |
| 117.0 | 119.0 | FELSIC DYKE | Light green, mass | sive, even grained, composed | of | 1 | | | | | - | 1 | | | |
| | + | | | es of light green micaceous | | | | | 1 | | 1 | 1 | - | ! | |
| | † | | mineral_av grain | size 0.05 in with interstit | ial | | | | 1 | T | 1 | | | | |
| | | | silica and carbon | size 0.05 in with interstit nate. Py disseminated throug | hout | 1. | | | 1 | T | | | | | |
| | 1 | | | | | T | i | l | | | 1 | 1 | | | 1 |

DIAMOND DRILL RECORD

| Hole No | TX-10! | 5-73 | |
|-----------|--------|------|--|
| Sheet No. | 2 | | |

Zn

ppm

ppm

| | | | DIAMOND DRILL RECORL |) | | - | | |
|-------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|--------------------------------------------------|--------------------------------------------------|---|
| Foota | | DESCRIPTION | | | | То | Length | Ī |
| From | To | | to 10 12 in quanta calcito voin at contro of | No. | | | | H |
| | | | to 1%. 12 in quartz-calcite vein at centre of section. | | | ! | ļ | H |
| | | | Section. | | | | | H |
| 119.0 | 154.0 | DACITE | Light - med grey, massive, amygdaloidal in part | | | | | F |
| | | | av 0.1 to 0.5 in across infilled with fine graine | d | | | | Γ |
| | | | silica and carbonate. Brecciated in part with | Ī | - | | 1 | Γ |
| | | · | fragments healed with chlorite and/or sericite- | | | | | |
| | | | rich veinlets. Minor py diss throughout av 1-2%. | | | | | Ĺ |
| | | | | | | 1 | | L |
| 154.0 | 230.0 | DACITE | Dark grey, massive, altered feldspar phenocrysts | | | <u> </u> | | L |
| | | | set in a fine grained matrix which is highly alte | red | <u> </u> | | | L |
| | | | with abundant chlorite and carbonate. Only rare | | | <u> </u> | <u>.l</u> | L |
| | | | silica and carbonate veinlets in contrast to | 1 | | | | |
| | | | units described above. Fine py through groundmass | 1 | | | | |
| | | | av 1% and accompanied by cpy in places. 5% py | \perp | | | | |
| | | · · · · · · · · · · · · · · · · · · · | from 204 to 205 ft and 223.5 to 224 ft. | 1 | | | • | |
| 230.0 | 256.5 | DACITE | Light grey to green-grey, generally massive, fine | + | | | | |
| 230.0 | 230.3 | DAGITE | grained, fairly soft due to chlorite and | + | | | | |
| | | | carbonate alteration of groundmass. Plentiful | † | | | | |
| - | | | crosscutting silica and carbonate veinlets. Py | † | | | | |
| | | and the state of t | more abundant in this section av 3% but is heavie | . | • | - 1 | | |
| | | | in lighter coloured sections where carbonate | † | | | | |
| | | | veining is prevalent. | † | | | | |
| | | | | † | | | | |
| 256.5 | 268.5 | DACITE FRAGMENTAL | Light green overall with fragments being lighter | Ī | | | | , |
| | | | than fine grained chloritized groundmass. Massive | \mathbf{I} | | | | |
| | | | med hard. Fragments range from 0.2 in to 3 in | \mathbf{L} . | | | | |
| | | | across. Plentiful silica veinlets crosscutting. | 1 | | | • | |
| | | | Sulphides very rare but occassional diss py is | 1 . | | - | | |
| | | | observed. | + | | | en grande en | |
| 260.5 | 200.0 | DACITE | Construction of the control of the c | + | | | | |
| 268.5 | 300.0 | DACITE | Grey, med grained, massive overall but interval | + | | | | |
| | | | 281.5 to 283 ft rock is brecciated. Rare siliceou | 12 | | 1. | | • |
| | | | veinlets cross cutting at about 40-60° to C.A. Less regular and pervasive carbonate alteration | + | | • | | |
| | | | | + | · · · · · · · | 3. 27.5 | | |
| | | | or veining hosts py mineralization which frequently contains appreciable cpy. Py never | + | | | | |
| | | <u> </u> | q.t. 5% over 6 in sections. | + | | 1. | | |
| | | | g.c. 36 over o in sections. | + | • | | | |

Hole No. TX-105-73 Sheet No.3

DIAMOND DRILL RECORD Footage Sample From DESCRIPTION Length From To 300.0 END OF HOLE. W.R. Ryall.