



42A06SW0028 16 ADAMS

010

DIAMOND DRILLING

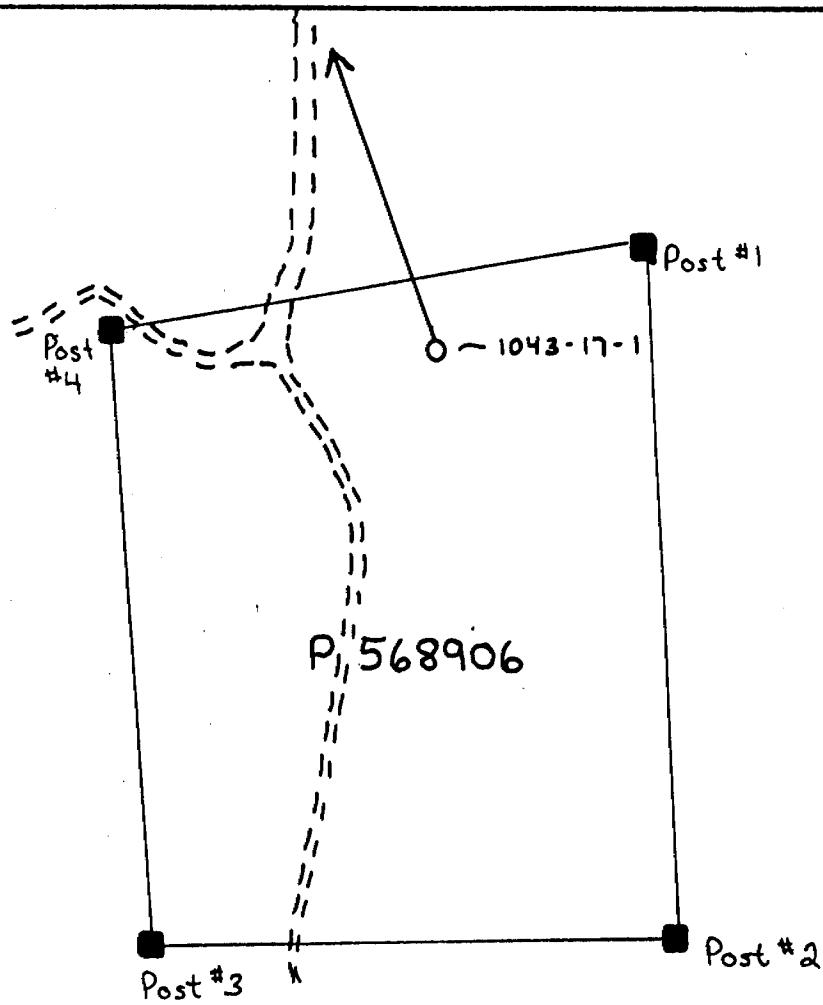
TOWNSHIP: Adams

REPORT NO.: 16

WORK PERFORMED BY: Amax Minerals Exploration

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 568906	1043-17-01	194.0 m	Sept/81	(1)

NOTES: (1) #108-82

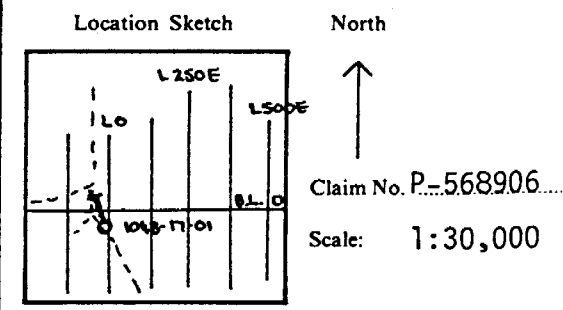


AMAX MINERALS EXPLORATION
Drill Hole Location Map
HOLE 1043-17-1
Scale: 1:5,000
ADAMS TOWNSHIP
J.M.P. Timmins

AMAX MINERALS EXPLORATION
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DIAMOND DRILL RECORD

Hole No. 1043-17-01

Hole No. 1043-17-01 Sheet 1	Length 194.0 metres	Commenced September 18, 1981	Dip: Collar -60°
Property 1043-11, Adams-2	Bearing 340°	Completed September 22, 1981	Etch Test
Township Adams	Dip -60°	Drilling Co. St. Lambert	Depth
Location L0, 25S	Objective Stratigraphic Information	Core Size BQ	Rdg.
Logged By S. Davies		Casing Left/Lost in Hole none	True
Core Location Timmins Office			



Remarks

Footage/Metres		DESCRIPTION
From	To	
0	48.0	OVERBURDEN
48.0	54.06	GRANITE/GRANODIORITE
54.06	58.6	MAFIC FLOW
58.60	59.4	MAFIC TUFF
59.4	65.8	MAFIC FLOW
65.8	69.2	MAFIC TUFF
69.2	76.7	MAFIC FLOW
76.7	93.5	MAFIC TUFF
93.5	98.4	MAFIC FLOW
98.4	99.6	INTERCALATED CHERT BEDS & MAFIC FLOW
99.6	100.5	MAFIC FLOW
100.5	101.7	TUFF
101.7	102.8	MAFIC FLOW
102.8	104.0	MAFIC TUFF

J. MacPherson

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DIAMOND DRILL RECORD

Hole No. 1043-17-01
Sheet No. 3

Footage		DESCRIPTION
From	To	
0	48.0	OVERBURDEN
48.0	54.06	GRANITE/GRANODIORITE
		Grey to pink in colour, medium to coarse grained. Subhedral porphyroblasts up to 2mm in size. Contact is sharp but with a dense halo.
54.06	58.6	MAFIC FLOW
		Fine grained, black flow. Minor quartz stringers, lacking in carbonates. Approximately 1.5 metres of halo that is altered to chlorite. At 56.0 metres the angle of bedding is 40° to the core axis. Minor sulphides (pyrrhotite ?)
58.6	59.4	MAFIC TUFF
		Dark grey in colour, fine to medium grained. Subhedral to euhedral fragments up to 3cm in size. At 58.0 metres preferred angle of orientation is 30° to the core axis. No carbonates and minor sulphides.
59.4	65.8	MAFIC FLOW
		as per 54.0 - 58.6 At 61.0 metres the angle of orientation is 40° to the core axis. From 64.15 to 64.65 feldspar porphyritic intrusions. Subhedral porphyroblasts up to 2mm in size. Contacts are sharp and at 50° to the core axis.
65.8	69.2	MAFIC TUFF
		Fine to medium grained. Subhedral to euhedral fragments up to 1cm in size. Core is cut by minor quartz veinlets at 50° to the core axis and by carbonate stringers at random angles. At 66.2 metres preferred angle of orientation is 40° to the core axis.
69.2	76.7	MAFIC FLOW
		as per 59.4 - 65.8

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DIAMOND DRILL RECORD

Hole No. 1043-17-01
Sheet No. 4

Footage		DESCRIPTION
From	To	
76.7	93.5	MAFIC TUFF
		as per 65.8 - 69.2
		At 77.5 angle of orientation is 40° to the core axis.
		Minor sulphides <1% and quartz veinlets with K-feldspars 91.8 - 92.3
		1cm quartz carbonate vein at 10° to the core axis.
		- associated with the veinlet is carbonatization and minor sulphides.
93.5	98.4	MAFIC FLOW
		as per 69.2 - 76.7
98.4	99.6	INTERCALATED CHERT BEDS & MAFIC FLOW
		Chert is greenish to white in colour with fragments up to 1cm in size. The beds are up to 10cm wide such as 99.0 metres and are at 40° to the core axis. The contacts are sharp.
99.6	100.5	MAFIC FLOW
		as per 93.5 to 98.4
100.5	101.7	TUFF
		Euhedral to subhedral fragments up to 1cm in size. Upper and lower contacts are sharp and at 40° to the core axis. Very minor amounts of carbonate and barren of sulphides. The fragments are probably feldspar.
101.7	102.8	MAFIC FLOW
		as per 99.6 - 100.5
		102.0 - 102.4 minor, more felsic flows with fragments up to 1cm in size and sulphides <1%.
102.8	104.0	MAFIC TUFF
		as per 69.2 - 76.7
		Some minor chert banding (.5cm) containing small amounts of sulphides. Preferred orientation 40° to the core axis.

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DIAMOND DRILL RECORD

Hole No. 1043-17-01

Sheet No. 5

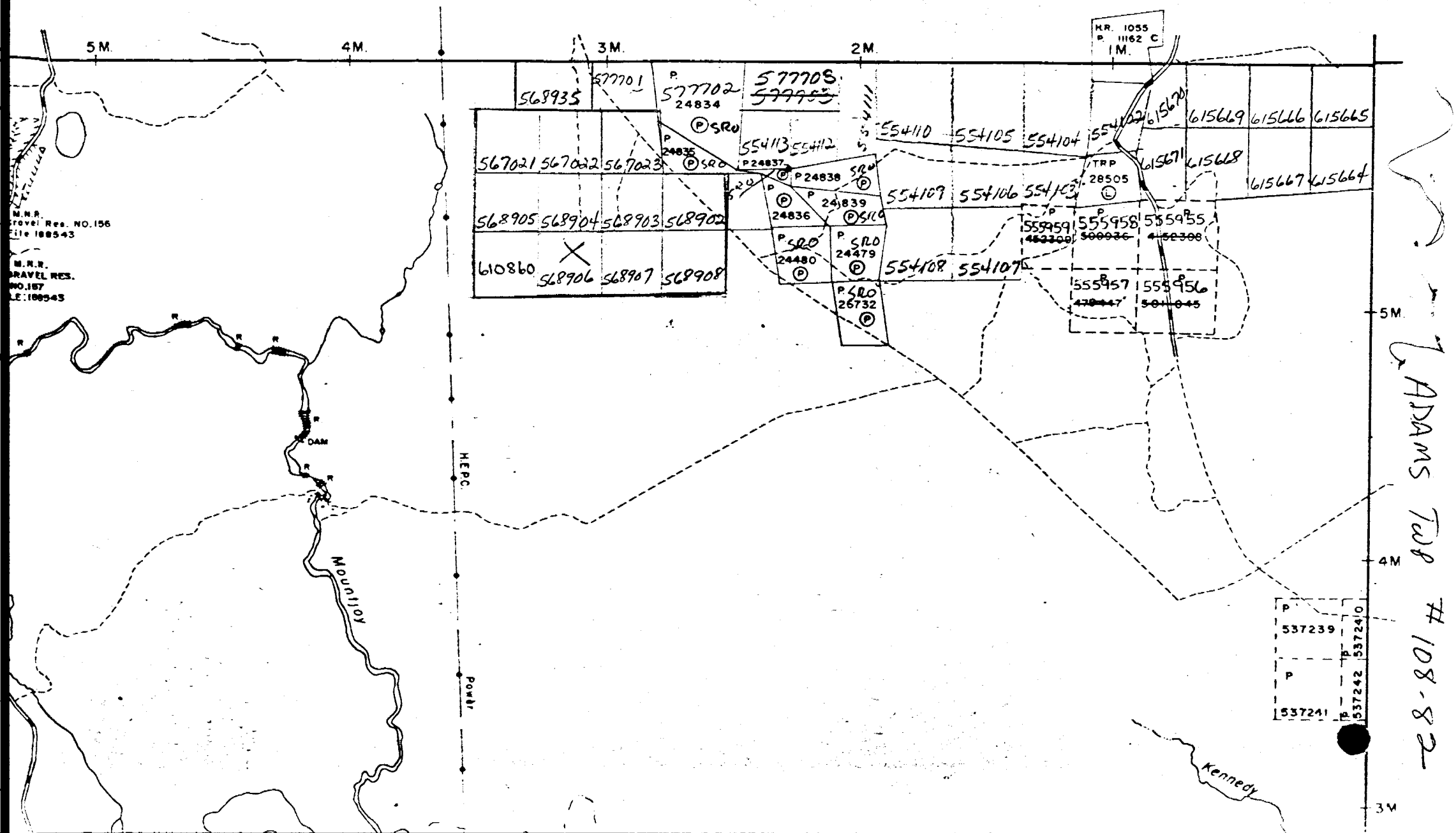
Footage - Metres		DESCRIPTION
From	To	
104.0	104.85	SANDSTONE (?) Dark grey to black in colour. Medium grained and bedding is not obvious. Minor pyrite 1-2% with some having rusted. Contacts are sharp.
104.85	105.8	MAFIC FLOW as per 99.6 - 100.5 Sulphide content is higher ≈2% ?. At 105.0 metres angle of bedding is 35° to the core axis.
105.8	106.46	MAFIC TUFF Upper and lower contacts are sharp. Fine grained. Dark fragments (subhedral) up to 1mm in size. 1-2% sulphides and ≈10% carbonate.
106.46	116.7	MAFIC FLOW as per 99.6 - 100.5 Quartz veinlet, 1cm wide, at 108.0 metres with sulphide mineralization (cubic pyrite). At 109.0 metres angle is 35° to the core axis. 111.0 - 114.0, some sulphides associate with veinlets (minor) At 106.3 - 116.7 carbonate stringers increase to about 5-8%.
116.7	117.3	CHERT BAND Purple to grey chert with subhedral fragments up to 3mm. Black stringer at 10° to the core axis altered a narrow band to carbonate. Upper and lower contacts are sharp. Minor sulphides.
117.3	157.5	MAFIC FLOW as per 106.46 - 116.7 From 117.3 to 121.0 metres the core is broken and small fractures and offsets are seen in the quartz carbonate stringers. There is also some chloritization along the fracture planes. This could indicate a fracture zone or area of weakness. At 121.0 metres, 3cm quartz vein with chalcopyrite mineralization. The vein brecciated the flow rock.

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Hole No. 1043-17-01
Sheet No. 6

Footage - Metres		DESCRIPTION
From	To	
		Minor sulphides associated with the fractures. Angles to the core axis: 120.0 metres is 40° to the core axis. 123.0 metres is 37° to the core axis. 126.0 metres is 35° to the core axis.
		From 129.0 - 135.0 some pyrrhotite mineralization associated with fracture From 131.0 - 133.0, carbonate alteration in bands. At 138.0 metres angles of bedding is 35° to the core axis. From 143.8 to 150.2 parent rock has been carbonatized and altered to a greenish colour with brown patches (ankerite?). Sulphide mineralization (pyrrhotite and pyrite) is associated with some of this alteration and with fractures.
		From 156.43 to 156.82 the wall rock has been highly carbonatized due to two quartz carbonate veinlets. From 154.5 to 155.0 quartz carbonate veins with pyrite, chalcopyrite, and pyrrhotite mineralization.
157.5	169.5	BANDED MAFIC SEDIMENTS
		Dark grey, fine grained sediments with carbonate bands up to 2cm in size. Bands are at 45° to the core axis. Some bands contain a brownish mineral which could be ankerite. Small amounts (<1%) sulphide mineral- ization. Minor quartz carbonate veinlets cut the core at random angles, and offset some of the carbonate bands. From 165.8 to 166.4 chert band-purple to green in colour, contacts are sharp. Most of the veinlets have carbonate haloes. The sulphide content increases slightly downhole.
169.5	186.5	MAFIC TUFFACEOUS SEDIMENT
		At 171.0 metres angle of bedding is 45° to the core axis. From 176.26 - 176.50 wall rock has been carbonatized by a quartz carbonate veinlet and sulphide mineralization is about 10%. Crystals are foliated at 30° to the core axis and may be amphiboles. Evidence of soft sediments (slumping and bedding). Sulphide mineralization (chalc, py, and pyrrhotite) occurs in small veinlets. From 185.3 to 186.0 rock has been brecciated by shearing and quartz has infilled between the fragments. Some sulphides and maybe ankerite.

Deloro Twp. - M.272



M.N.R.
Travel Res. NO.156
File 100543

M.N.R.
TRAVEL RES.
NO.157
FILE:100543

ADAMS Twp # 108-82

P 537239
P 537241
P 537242
P 537240