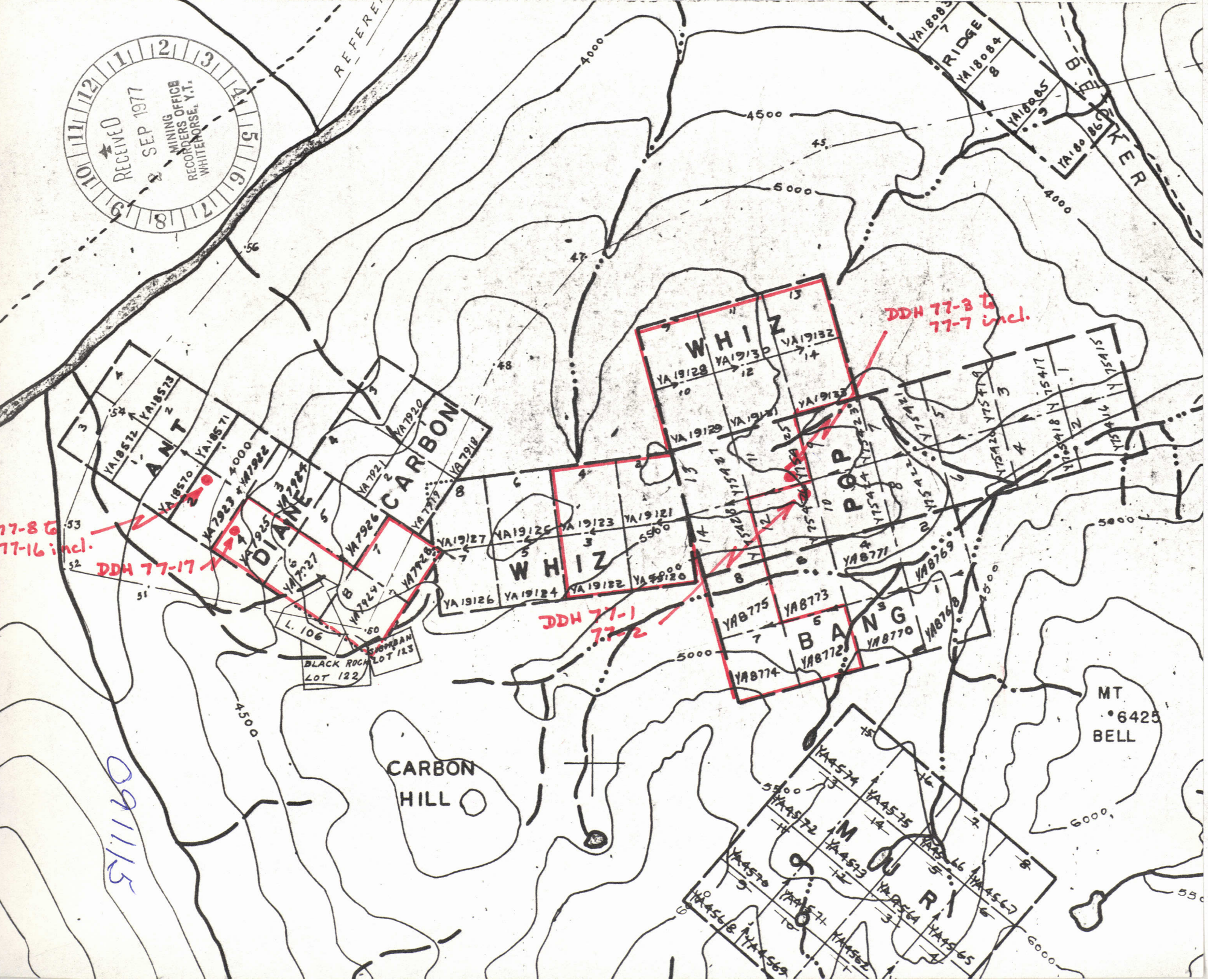
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MINING RECORDERS OFFICE WHITEHORSE, Y.T.
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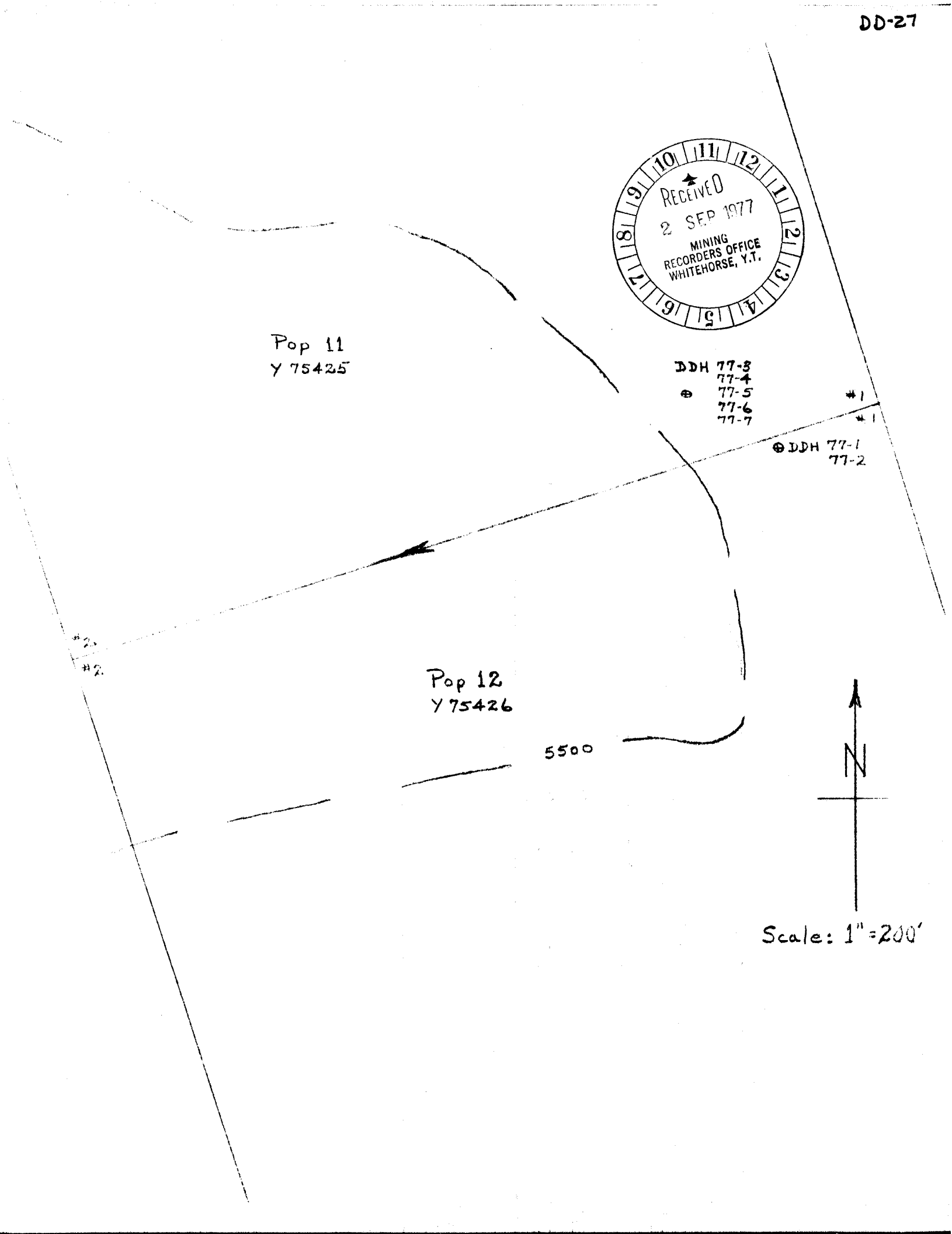
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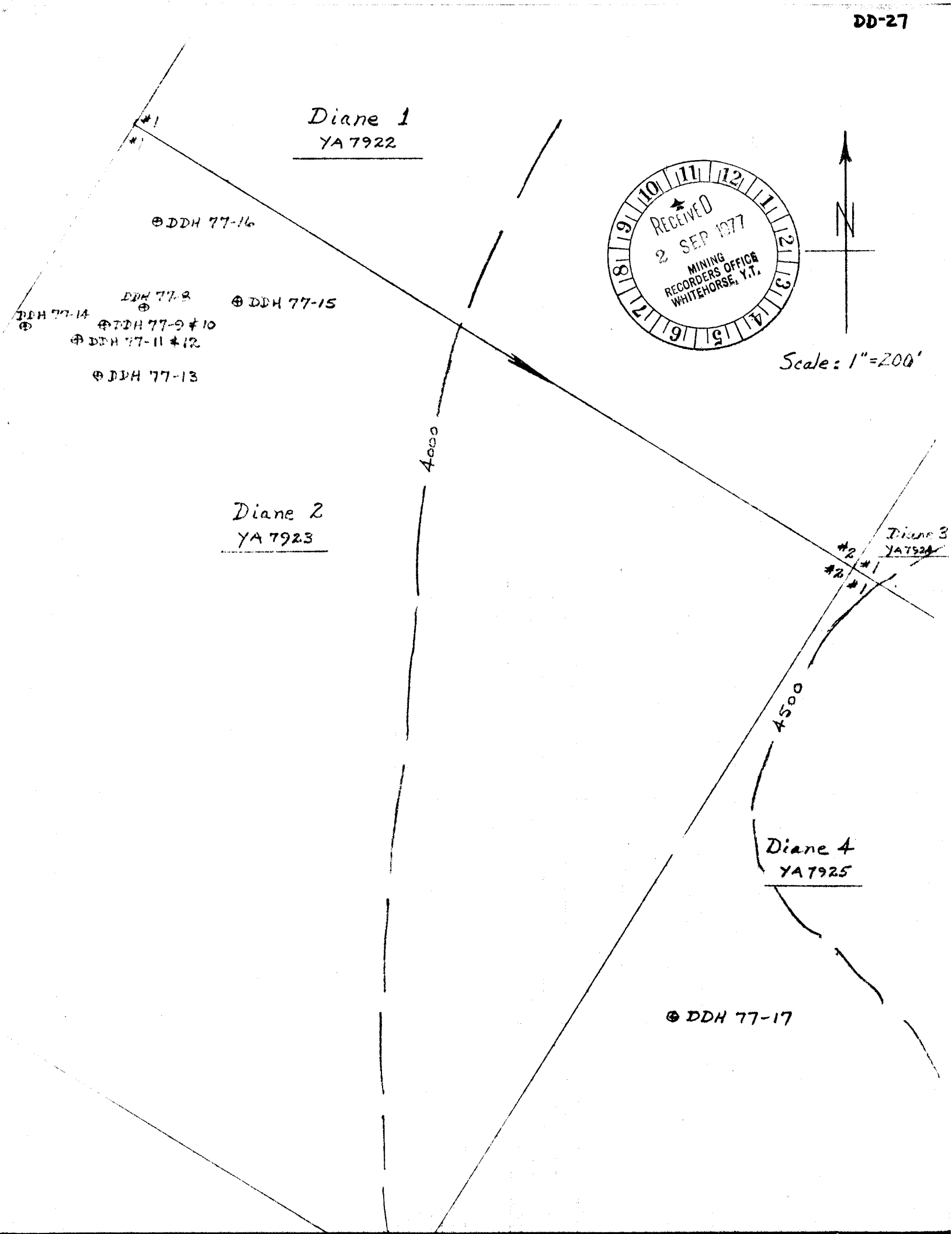
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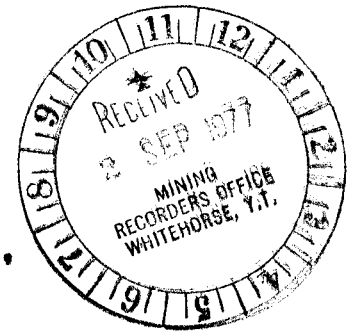
ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434



June 30, 1977
INVOICE #1927

IN ACCOUNT WITH:

Con-Am Resources Ltd.,
1407 - 675 West Hastings Street,
Vancouver, B.C.
V6B 1N2

Drilling charges for the period June 21 - 30, 1977

Mobilization			
Re: clause 12 of contract - 1/2 x $1,100.00 =		$ 550.00	
Moving in & setting up on first hole			
135 man hours @ $15.85 per hour =		2,139.75	$2,689.75
Hole: #7701 - 50° x BQ			
Overburden			
0 - 33 = 33 feet @ $14.25 per foot =		$ 470.25 ✓	
Core Drilling			
33 - 241 = 208 feet @ $14.00 per foot =		2,912.00 ✓	
Reaming Through Cave			
2 man hours @ $15.85 per hour =	$31.70 ✓		
1 machine hour @ $7.00 per hour =	7.00 ✓	38.70 ✓	$3,420.95 ✓
Hole: #7702 - 65° x BQ			
Moving			
5 man hours @ $15.85 per hour =		$ 79.25 ✓	
Overburden			
0 - 12 = 12 feet @ $14.25 per foot =		171.00 ✓	
Core Drilling			
12 - 290 = 278 feet @ $14.00 per foot =		3,892.00 ✓	
Reaming Through Cave			
11 man hours @ $15.85 per hour =	$174.35 ✓		
5½ machine hours @ $7.00 per hour =	38.50 ✓	212.85 ✓	
Reaming Casing in Bedrock			
12 - 21 = 9 feet @ Field Cost			
2 man hours @ $15.85 per hour =	$31.70		
1 machine hour @ $7.00 per hour =	7.00		
1 only BW casing shoe #I4ZW684	137.55		
Plus 10%	13.75	190.00	$4,545.10

...../2

ARCTIC DIAMOND DRILLING L.

Invoice #1927 - Con-Am Resources Ltd. - Cont'd

Hole: #7703 - 45° x BQ				
Moving				
43 man hours @ $15.85 per hour =			$ 681.55	
Overburden				
0 - 27 = 27 feet @ $14.25 per foot =			384.75	
Reaming Casing in Bedrock				
27 - 63 = 36 feet @ Field Cost				
36 man hours @ $15.85 per hour =	$570.60			
18 machine hours @ $7.00 per hour =	126.00			
2 only BW casing shoes				
#I4ZW684 (already charged)				
#I4ZW199	$137.55			
Plus 10%	13.75	151.30	847.90	
Core Drilling				
27 - 123 = 96 feet @ $14.00 per foot =			1,344.00	
Reaming Through Cave				
1 man hour @ $15.85 per hour =	$15.85			
1/2 machine hour @ $7.00 per hour =	3.50	19.35		$3,277.55
Board and Room				
Meals provided by the Contractor				
57 man days @ $15.00 per day =				$ 855.00
Core Splitter Rental				
8/30 x $60.00 per month =				$ 16.00
Core Boxes				
168 BQ core boxes @ $6.00 per box =				$1,008.00
TOTAL INVOICE				$15,812.35

13489.55

c.c. Mr. Jim Mackie, c/o drill site

ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE #1932

July 15, 1977

IN ACCOUNT WITH:

Con Am Resources Ltd.,
1407 - 675 West Hastings Street,
Vancouver, B.C.
V6B 1N2

Drilling charges for the period July 1 - 14, 1977

Hole: #7703 - 45° x BQ

Core Drilling
123 - 282 = 159 feet @ $14.00 per foot = $2,226.00

Hole: #7704 - 65° x BQ

Moving
10 man hours @ $15.85 per hour = $158.50

Overburden
0 - 17 = 17 feet @ $14.25 per foot = 242.25

Reaming Casing in Bedrock
17 - 45 = 28 feet @ Field Cost
16 man hours @ $15.85 per hour = $253.60
8 machine hours @ $7.00 per hour = 56.00
1 only BW shoe #I4ZW2271 - $137.55
Plus 10% 13.75 151.30 460.90

Core Drilling
17 - 313 = 296 feet @ $14.00 per foot = 4,144.00 $5,005.65

Hole: #7705 x 90° x BQ

Moving
7 man hours @ $15.85 per hour = $110.95

Overburden
0 - 18 = 18 feet @ $14.25 per foot = 256.50

Core Drilling
18 - 338 = 320 feet @ $14.00 per foot = 4,480.00 $4,847.45

Hole: #7706 - 45° x BQ

Moving
17 man hours @ $15.85 per hour = $269.45

Overburden
0 - 51 = 51 feet @ $14.25 per foot = 726.75 $ 996.20

...../2

ARCTIC DIAMOND DRILLING LTD.

Invoice #1932 - Con Am Resources Ltd. - Cont'd

Hole: #7707 - 65° x BQ

Moving
7 man hours @ $15.85 per hour = $110.95

Overburden
0 - 35 = 35 feet @ $14.25 per foot = 498.75

Reaming Casing in Bedrock
35 - 66 = 31 feet @ Field Cost
27 man hours @ $15.85 per hour = $427.95
13½ machine hours @ $7.00 per hour = 94.50 — 522.45

Core Drilling
35 - 401 = 366 feet @ $14.00 per foot = 5,124.00 — $6,256.15

Materials Lost in Holes
Hole #7704 7703
1 only BQ Bit #20643 $137.55
1 only BQ shell #M7YA819 252.25
1 complete BQ core barrel 517.15
12 lengths 10' BQ rods 492.00 — 1,398.95
Plus 10% 139.89 — $1,538.84

Moving to New Setup - but job shut down temporarily
23 man hours @ $15.85 per hour = $ 364.55

19696.00

Light Plant Rental
June 10 - July 10 @ $350.00 per month = 300.00/mo. $ 350.00

Core Splitter Rental
13 days @ $60.00 per month = $ 26.00

Meals
63 man days @ $15.00 per man day = $ 945.00

TOTAL $22,555.84

Less: Overcharged in error on Invoice #1927

Meals
5 man days @ $15.00 per man day = $ 75.00

Mobilization
28 man hours @ $15.85 per hour = $ 443.80 — (518.80)

TOTAL INVOICE $22,037.04

ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE #1942

July 31, 1977

IN ACCOUNT WITH:

Con Am Resources Ltd.,
1407 - 675 West Hastings Street,
Vancouver, B.C.
V6B 1N2

Drilling charges for the period July 16 - 31, 1977

Travelling from and to camp due to shut down			
32 man hours @ $15.85 per hour =			$ 507.20
Hole: #7708 x 90° x BQ			
Moving			
63½ man hours @ $15.85 per hour =		$1,006.48	
Overburden			
0 - 12 = 12 feet @ $14.25 per foot =		171.00	
Reaming Casing in Bedrock			
12 - 19 = 7 feet @ Field Cost			
1 man hour @ $15.85 per hour =	$15.85		
½ machine hour @ $7.00 per hour =	3.50	19.35	
Core Drilling			
12 - 308 = 296 feet @ $14.00 per foot =		4,144.00	
Reaming Through Cave			
4½ man hours @ $15.85 per hour =	$71.33		
2¼ machine hours @ $7.00 per hour =	15.75	87.08	
Water Supply - locating water supply			
4 man hours @ $15.85 per hour =		63.40	
Travelling time to and from setup			
13½ man hours @ $15.85 per hour =		213.98	
Standby			
5 man hours @ $15.85 per hour =		79.25	$5,784.54
Hole: #7709 - 45° x BQ			
Moving			
15½ man hours @ $15.85 per hour =		$ 245.68	
Overburden			
0 - 12 = 12 feet @ $14.25 per foot =		171.00	
Reaming Casing in Bedrock			
12 - 20 = 8 feet @ Field Cost			
1½ man hours @ $15.85 per hour =	$23.78		
3/4 machine hour @ $7.00 per hour =	5.25	29.03	
Core Drilling			
12 - 182 = 170 feet @ $14.00 per foot =		2,380.00	
Travelling time to & from setup			
6 man hour @ $15.85 per hour =		95.10	$2,920.81

...../2

Invoice #1942 - ConAm Resources Ltd. - Cont'd

Hole: #7710 x 50° x BQ			
Moving			
6 man hours @ $15.85 per hour =		$ 95.10	
Overburden			
0 - 9 = 9 feet @ $14.25 per foot =		128.25	
Reaming Casing in Bedrock			
9 - 21 = 12 feet @ Field Cost			
4½ man hours @ $15.85 per hour =	$71.33		
2¼ machine hours @ $7.00 per hour =	15.75	87.08	
Core Drilling			
9 - 203 = 194 feet @ $14.00 per foot =		2,716.00	
Travelling Time to & from setup			
7½ man hours @ $15.85 per hour =		118.88	$3,145.31
Hole: #7711 x 45° x BQ			
Moving			
20½ man hours @ $15.85 per hour =		$ 324.93	
Overburden			
0 - 8 = 8 feet @ $14.25 per foot =		114.00	
Reaming Casing in Bedrock			
8 - 22 = 14 feet @ Field Cost			
1¼ man hours @ $15.85 per hour =	$19.81		
½ machine hour @ $7.00 per hour =	3.50	23.31	
Core Drilling			
8 - 201 = 193 feet @ $14.00 per foot =		2,702.00	
Travelling Time to & from setup			
6 man hours @ $15.85 per hour =		95.10	$3,259.34
Hole: #7712 x 90° x BQ			
Moving			
8 man hours @ $15.85per hour =		$ 126.80	
Overburden			
0 - 5 = 5 feet @ $14.25 per foot =		71.25	
Reaming Casing in Bedrock			
5 - 21 = 16 feet @ Field Cost			
9 man hours @ $15.85 per hour =	$142.65		
4½ machine hours @ $7.00 per hour =	31.50	174.15	
Core Drilling			
5 - 172 = 167 feet @ $14.00 per foot =		2,338.00	
Travelling Time to & from setup			
3 man hours @ $15.85 per hour =		47.55	$2,757.75
			18374.95
Light Plant Rental			
July 11 - 21 @ $300.00 per month =	$200.00		
Less overcharge on invoice #1932	50.00		$ 150.00
Core Splitter Rental			
15 days @ $60.00 per month =			$ 30.00
Meals			
Cook - July 13 - 23 @ $25.00 per day =	$ 250.00		
97 man days @ $15.00 per day =	1,455.00		$1,705.00
			$20,259.95
Less charged on invoice #1932 in error			
Materials lost down hole #7704			1,538.84
TOTAL INVOICE			$18,721.11

ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE #1944

August 15, 1977

IN ACCOUNT WITH:

ConAm Resources Ltd.,
1407 - 675 West Hastings Street,
Vancouver, B.C.
V6B 1N2

Drilling charges for the period July 31 - August 14, 1977

Hole: #77-13 x 45° x BQ			
Moving			
39 man hours @ $15.85 per hour =		$ 618.15	
Overburden			
0 - 9 = 9 feet @ $14.25 per foot =		$ 128.25	
Core Drilling			
9 - 179 = 170 feet @ $14.00 per foot =		$2,380.00	
Travelling Time to & from setup			
1.5 hours @ $15.85 per hour =		$ 23.77	$3,150.17
Hole: #77-14 x 45° x BQ			
Moving			
11 man hours @ $15.85 per hour =		$ 174.35	
Overburden			
0 - 43 = 43 feet @ $14.25 per foot =		$ 612.75	
Core Drilling			
43 - 298 = 255 feet @ $14.00 per foot =		$3,570.00	
Travelling time to & from setup			
6 man hours @ $15.85 per hour =		$ 95.10	$4,452.20
Hole: #77-15 - 45° x BQ			
Moving			
24 man hours @ $15.85 per hour =		$ 380.40	
Overburden			
0 - 4 = 4 feet @ $14.25 per foot =		$ 57.00	
Reaming Casing in Bedrock			
4 - 15 = 11 feet @ Field Cost			
2 man hours @ $15.85 per hour =	$31.70		
1 machine hour @ $7.00 per hour =	7.00	$ 38.70	
Core Drilling			
4 - 256 = 252 feet @ $14.00 per foot =		$3,528.00	
Travelling Time to & from setup			
12 man hours @ $15.85 per hour =		$ 190.20	$4,194.30

.....72

ARCTIC DIAMOND DRILLING LTD.

Invoice #1944 - ConAm Resources Ltd. - Cont'd

Hole: #77-16 - 60° x BQ		
Moving		
Moving Longyear 38 drill from setup to camp		
52 man hours @ $15.85 per hour = $824.20		
Moving BBS1 from camp to setup		
53 man hours @ $15.85 per hour = 840.05	$1,664.25	
Overburden		
0 - 14 = 14 feet @ $14.25 per foot =	$ 199.50	
Core Drilling		
14 - 212 = 198 feet @ $14.00 per foot =	$2,772.00	
Water Supply		
Building new sump and setting up		
12 man hours @ $15.85 per hour =	$ 190.20	
Travelling time to & from setup		
13.5 man hours @ $15.85 per hour =	$ 213.98	$5,039.93
Light Plant Rental		
Aug. 1 - 15 - @ $300.00 per month =		$ 150.00
Core Splitter Rental		
Aug. 1 - 15 = @ $60.00 per month =		$ 30.00
Meals		
71 man days @ $15.00 per day =		$1,065.00
Materials Lost in Hole #77-15		
1 Outer tube assembly	$ 195.75	
1 only BQ Bit #21438	318.76	
1 only BQ shell #M/YA845	264.85	
	$ 779.36	
Plus 10%	77.94	$ 857.30
TOTAL INVOICE		**$18,938.90**

ARCTIC DIAMOND DRILLING LTD.

184 Industrial Road, Whitehorse, Yukon Y1A 2V1 (403) 667-6434

INVOICE #1952

August 31, 1977

IN ACCOUNT WITH:

ConAm Resources Ltd.,
1407 - 675 West Hastings Street,
Vancouver, B.C.
V6B 1N2

Drilling charges for the period August 16 - 23, 1977

Hole: 7717 - 45° x BQ			
Moving			
40 man hours @ $15.85 per hour =		$634.09	
Overburden			
0 - 8 = 8 feet @ $14.25 per foot =		114.00	
Core Drilling			
8 - 192 = 184 ft. @ $14.00 per foot =		2,576.00	
Reaming Through Cave			
2 man hours @ $15.85 per hour =	$31.70		
1 machine hour @ $7.00 per hour =	7.00	38.70	
Travelling to & from Setup			
10 man hours @ $15.85 per hour =		158.50	
Standby			
Getting cat skinner to clear road			
2 man hours @ $15.85 per hour =		31.70	$3,552.90
Light Plant Rental			
Aug. 16 - 31 @ $300.00 per month =			$ 150.00
Core Splitter Rental			
Aug. 16 - 29 @ $60.00 per month =			$ 28.00
Meals			
40 man days @ $15.00 per day =			$ 600.00
Groceries Taken over by ConAm - after crew left			$ 287.15
Demobilization			
Re: clause 12 of contract - 1/2 x $1100.00 =		$ 550.00	
Moving			
22 man hours @ $15.85 per hour =		348.70	$ 898.70
TOTAL INVOICE			$5,516.75

DIAMOND DRILL RECORD

CLAIM NO. POP | PROPERTY CON-AM RESOURCES | HOLE NO. 77-1 | Sheet: 1/3

LATITUDE ~~10+85~~ 10+30 NORTH | ELEVATION ~~5627.7~~ 5625 | BEARING N45E | DEPTH 241' | STARTED June 24/77 | COMPLETED June 26/77

Core Size: BQ / CASING: NW 18'; BW 33'; | Recovery 33-86' = 47.9% 86-241 = 91.3% 33-241 = 80.3%

DEPARTURE ~~40+02~~ 40+72 EAST | SECTION | DIP -48 | DRILLED BY | LOGGED BY J. Mackie

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS WIDTH		Au	Ag
		INTERVAL	Recovery	Interval	Sample Number				
0-33	Overburden:								
33-92	QUARTZ PEBBLE CONGLOMERATE	33-35	70%						
	Subrounded 3/16-1", dominantly under 1/2" quartz pebbles, locally feldspathic, in	35-36	80						
	a 5-40% quartz matrix. White to lite grey color. Rx broken @ 1-3" intervals at	36-38	10	64.5-69	301 BB	4.5		0.02	Tr.
	45-55°, minor frac @ 20°. Abundant rust coated fractures. Crumbly rx to 55' where	38-41	33	69-71	302 "	2.0		0.02	Tr.
	it tightens up. Poor recovery due to crumbly rock. No sulphides except as	41-45	60	86-93	303 "	7.0		0.39	0.03
	noted.	45-47	66	93-101.5	304 "	8.5		0.01	Tr.
		47-49.5	44	101.5-105	305"	3.5		1.79	Tr.
	64.5-110 FAULT ZONE AS DESCRIBED BELOW (AT 40-50°)	49.5-51	73	105-110	306"	5.0		0.39	Tr.
	64.5-71 Loose fault gouge with sand particles; rare solid pieces 1/4-1/2". Creamy white color	51-53	50						
	69-71 Gouge contains hairlines of black, smeared sulphide - 2 to 4%.	53-55	15						
	71-86 Shattered conglomerate, mostly gravel size, occasional core to 4". Variable rust.	55-58.3	40						
	86-92 Fault gouge at 45° with 15% 1/8-1/2" rolled qtz pebbles. Heavily laced with	58.3-61.5	55						
	fractures containing sheared sulphides. Stib ? py evident in btm 1/2 of section	61.5-62.5	30						
	Charcoal grey colour. Btm grades into frac rx/lite over 2"	62.5-66	43						
	92.5 ± .5 Stib evident in fractures, mostly at 40°-50°.	66-68	80						
	101.5-104 Black bearing fault gouge (Abundant sheared sulphides). Low (1-2%)	68-71	67						
	fg. dissem. stib. Frac @ 60° to 5. 2% frac & dissem stib py from	71-74	83						
	103.1'	74-80	47						

CLAIM NO. PCP

DIAMOND DRILL RECORD

PROPERTY Cox Ann Breccia

HOLE NO. 77-1 JJ

Sheet: 2/3

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	TO	WIDTH	ASSAYS			
92-103.5	Whitish buff RHYOLITE. Dark grey in faulted areas. Dense, Healed hairline frac	Interval	Recovery						
	at 45-50°.	80-86	16%						
	"WELDED TUFF"	86-91	82						
103.5-145	(Volcanic BRECCIA.) Pastel mottled buff, green, brown & white 1/8 to 1/2" angular to	91-96	84						
	subrounded fragments in 50% light grey matrix. Bx predates faulting	96-102	82						
	105-107. Irregular patches of black, healed gouge(?)	102-103.5	80						
	108-110 Black crushed sulphide (?) matrix. 2-3% pyrite, mostly dissem blebs. Some str along	103.5-109	85						
	fractures. Rx similar to that observed in trench below drill hole 77-1.	109-116	84						
		116-119.5	109						
	115-119.5 Band of RHYOLITE. White; severe rust along fractures at 4-12"	119.5-127	93						
	intervals. Banding and flowage features at 30° throughout. Top is	127-129	115						
	1/2" shear at 35°. Btm 1/2" shear at 20°	129-132.5	83						
	124 2" exploded fragment porphyritic, white felsic volcanic containing fine frac	132.5-136	111						
	filled pyrite	136-138.5	80						
	136-144.5 Lite buffish RHYOLITE. Weakly brecciated and self healed with	138.5-145	109						
	5% matrix Occasional f.g. calcite eyes. Fine grained porphyritic	145-154.5	88						
	texture locally evident Top 20° & btm 30°, both irregular. Occ highly	154.5-158	111						
	rusted fracture.	158-163.5	73						
	145 One foot RHYOLITE as 136-144.5	163.5-165.5	66						
		165.5-168	78						

WESTERN MINER PRESS LTD.
STANDARD FORM NO. 502

CLAIM NO. [illegible] **DIAMOND DRILL RECORD** PROPERTY [illegible] HOLE NO. 77-1

Sheet: 3/3

SD-27

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	FROM	TO	WIDTH	ASSAYS
	150-158 Buff to locally pink RHYOLITE - same as rusty rhyolite mapped on surface. Contorted low angle flow structure in unrusted sections (50%) and strong bands of rust at 45° (50% of section). Contacts along shears at 30° (?) (- core loss at contacts).	INTERVAL	RECOVERY			
		175-180	100			
		180-181	100			
		181-191	87			
	150-170 Fractures heavily rust covered. Dominant angle 40°, lesser, near parallel to core.	191-197	90			
	170-184 RHYOLITE. Buff colored, locally rusted. Locally 1-3" of highly contorted flow structure at high angles to core. Trace (?) of pyrite on some fractures. Top - 50°; btm - irregular at 50°.	197-203	100			
		203-209	82			
		209-214.5	100			
	184-190 Breccia Rhyolite frags (50%) generally < ¼", but up to 3" in black soft matrix	214.5-218	89			
		218-225.5	97			
		225.5-232.5	100			
	190-223 WELDED TUFF. As before but with matrix exhibiting strong flow structure at 20-35°. Other flow directions less abundant. Some fragments exhibit flow texture.	232.5-236	91			
		236-241	90			
223-241	RHYOLITE. Light buff coloured. Fractured at 1-3" intervals at 45°. Traces of pyrite on some fractures and/or rust. Contact @ 80°. Top foot contains contorted flow structure at 80°					
241	End of hole					

WESTERN MINER PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. POP | PROPERTY CON AM RESOURCES | HOLE NO. 77-2 | DD-27

Sheet 1/3

LATITUDE 10S+30 ~~10N+85~~ NORTH | ELEVATION ~~5637~~ 5625 | BEARING N45E | DEPTH 290' | STARTED June 26/77 | COMPLETED June 28/77

Recovery: 13-84 = 38.6%
84-290 = 90.5%
13-290 = 77.2

Core Size BQ / Casing: NW 12'; BW 6.1'

DEPARTURE ~~409+62~~ 407+71 EAST | SECTION | DIP -66 | DRILLED BY | LOGGED BY J. MACKIE

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	~~TO~~	~~WIDTH~~	ASSAYS			
		INTERVAL	Recovery	INTERVAL	SAMPLE NUMBER	WIDTH		Sb.	
0-13	Overburden								
13-84	QUARTZ PEBBLE CONGLOMERATE. Subrounded frags, 1/8-1", generally less than 1/4" of quartzose composition. ~ 40%-25% siliceous matrix. Poor recovery due to crushing and fracturing into a crumbly rx. Solid core frac into 1-3" pieces with rusty fractures at 55-65°. Pieces frequently covered with white clayey gouge. Faulted contact as noted	13-18	30%						
		18-21	10						
		21-24	23						
		24-29	24						
81-85	Fault zone at 50°(?). Sheared and weakly cemented conglomerate. Highly broken slickensides at 45-55°, lesser 20°. Trace to 1/2% dissem pyrite	29-31.5	56						
		31.5-34	12						
		34-38	48						
84-153.5	~~WELDED TUFF~~ (VOLCANIC FLOW BRECCIA) Pastel (white, buff, green) coloured frags, angular, 1/8"-2", generally less than 1/2" in 10-20% light grey feldspathic matrix. Frags multiplicity of acidic pieces. Rare porphyritic & vesicular frags. Locally flow structure evident & some devitrified obsidian. Trace of dissem pyrite.	38-43	24						
		43-45	45						
		45-47.5	32						
		47.5-48.5	40						
	Dominant frac @ 60°, minor frac @ 20-30° (Tube failed to lock)	48.5-49	40	103-105	307885	2.0		0.01	
93-104	Fault zone at 20-40°. Minimal recovery 93 to 103'. Generally black.	49-52	30						
	(sheared sulphide?) gouge rock with occasional piece of unaltered breccia to 12".	52-57.5	58						
	1/4 to 1% dissem pyrite from 103 to 115'. Possibly the ore structure!!	57.5-61	63						
112.5	- 4" gouge slips at 45°	61-64.5	34						
144-148.5	Very spotty sericite alteration - to dull whitish grey rock, caused by	64.5-67	40						
	6" sandy gouge at 67', at 45°	67-70	17						

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DIAMOND DRILL RECORD

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CLAIM NO. POP PROPERTY CON AM RESOURCES HOLE NO. 77-2

Sheet 2/3

LATITUDE ELEVATION BEARING DEPTH STARTED COMPLETED

DEPARTURE SECTION DIP DRILLED BY LOGGED BY

DEPTH FEET	FORMATION	SAMPLE NO. INTERVAL	FROM RECOVERY	TO	WIDTH	ASSAYS
1525-1555	"Green banded flow" Bands at 65°, locally contorted. Moderate	70-72	10%			
	sericite alteration. Bands outlined by <1/8" zones of lite and medium pale green.	72-74	100			
	Possibly some slippage along bands. Top 55°, btm 65°	74-81	47			
		81-84	53			
1555-1835	Creamy white RHYOLITE. Rare rusty fracture. Three percent 1/16-1/8"	84-85	90			
	irregular calcite eyes and traces of 1/16" qtz eyes. Very uniform rx with 5-10%	85-93	95			
	roundish 1/16 white feldspar crystals. Top 4' greyish color, otherwise no contact	93-103	4			
	features.	103-105	95			
	1835-185 Fault zone at 50° (possibly 30°) Rock altered to soft green rock.	105-112.5	100			
	Top foot appears to be fragments of rhyolite with 25% welded tuff matrix	112.5-118	95			
	No sulphides evident. Rusty fractures 2' below fault.	118-126	96			
		126-136	100			
1835-264	RHYOLITE. Whitish buff color. Similar to previous section but	136-144	95			
	calcite & quartz eyes rarely evident. Banding at 40-50° caused by v.f.g material.	144-148	100			
	Occasionally rusty fracture at 40-50° Rare trace of pyrite on fracture.	148-151.5	80			
	198-203 Reddish maroon colored core with 5% rounded 1/16-1/8" bleached spots, sometimes	151.5-158	95			
	looked on feldspar, quartz or black mafic grain. Rock mineralogically	158-167	100			
	and textural the same as adjacent rhyolite - possibly oxidation feature.	167-178	100			
	Banded features not readily apparent	178-187	100			
		187-194.5	100			

WESTERN MINER-PRESS LTD.
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DIAMOND DRILL RECORD

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CLAIM NO. POP PROPERTY CON AM RESOURCES HOLE NO. 77-2 Sheet 3/3

LATITUDE ELEVATION BEARING DEPTH STARTED COMPLETED

DEPARTURE SECTION DIP DRILLED BY LOGGED BY

DEPTH FEET	FORMATION	~~SAMPLE NO~~ INTERVAL	~~FROM~~ RECOVERY	TO	~~WIDTH~~ INTERVAL	ASSAYS RECOVERY			
	211-220 Spotted maroon rhyolite as 198-203. Rock more uniformly	194.5-195	80%		272.5-273	93%			
	coloured and bleached spots, up to 1/4" without obvious locus. Rock	195-199	88		273-274	100			
	is not different than adjacent rhyolite. Contacts intermixed	199-200	30		274-284	93			
	along banding over a few inches	200-204	88		284-294	98			
	211+ Banding disappears	204-212.5	99						
	247-264 Pinkish maroon coloured. Oxidation feature(?)	212.5-218	95						
		218-220	90						
264-290	DEEP maroon RHYOLITE FLOW. with a prominent 10-20% rounded 1/8" bleached	220-223	90						
	patches, generally centred on green epidote(?) grains. Others have no locus.	223-225	90						
	Frequent bleaching adjacent to fractures up to 1". Fractures dominantly at	225-231	100						
	60°.	231-238	100						
		238-239.5	100						
290	END of HOLE	239.5-243.5	100						
		243.5-247.5	100						
		247.5-250	100						
		250-251.5	100						
		251.5-259	43						
		259-263	95						
		263-268.5	89						
		268.5-273	97						

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DIAMOND DRILL RECORD

CLAIM NO. POP PROPERTY CON AM RESOURCES HOLE NO. 77-3

Sheet: 1/3

LATITUDE 105+79 North ELEVATION 5654 BEARING N45E DEPTH 282 STARTED June 29/77 COMPLETED July 1/77

CORIZE: BQ / CASING: NW 27' BW 63'

Recovery: 27-94 = 39.7%
94-282 = 91.9%
27-282 = 78.2%.

DEPARTURE 405+90 East SECTION DIP -45° DRILLED BY LOGGED BY J. MACKIE

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS WIDTH		SB.	
0 - 27	Overburden	INTERVAL	RECOVERY	SAMPLE NUMBER	INTERVAL				
		27-42	5%						
27 - 71	Typical QUARTZ PEBBLE CONGLOMERATE. Highly shattered and	42-45	20						
	rusted at 40-60°. Very poor recovery. Rare trace of pyrite along frac.	45-47.5	16						
		47.5-49	60						
71 - 118	QUARTZ (P) MONZONITE PORPHYRY. Leucocratic porphyry with 10 to	49-51	40						
	15% orthoclase phenos ≤ 1/2" in lite greyish matrix. High sericite alteration (core	51-53	55						
	soft and easily scratched by knife) Persistent, disseminated pyrite from	53-56	27	308BB	69.5-79	9.5		0.01	
	1/2 to 2%. Some phenos pink coloured (low percent) Occasional quartz-Kspar	56-59.5	46						
	veinlets up to 1/2", generally hairline. Top - shear at 50°. Pebbles and gouge	59.5-63	9						
	recovered at top contact. Numerous gouge slips at 60°. Rust stops at 85'	63-67	28						
	77-79 Fault zone. Sand and white to black gouge recovered.	67-69.5	36						
	94-96.5 Band QUARTZ PEBBLE CONGLOMERATE. Contacts are	69.5-71.5	75						
	lost, shears? Possible angles are 40 to 50°	71.5-75	80						
		75-77	30						
118 - 160	QUARTZ PEBBLE CONGLOMERATE. Typical, unrusted but locally	77-79	80						
	crushed over 4 to 6" and recovery consists of rock chips up to 1"	79-83	40						
	Top 2" loosely cemented coarse sand, possible angle 60°. Disseminated py (1%) frac filled py (1%)	83-86.5	71						
	136 Possibly 4" of bedded sand at 70°. Outlined by green colouring.	86.5-92	98						
		92-94	65						

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CLAIM NO. POP

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES

HOLE NO. 77-3
Sheet 2/3

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO. INTERVAL	FROM RECOVERY	TO SAMPLE NUMBER	WIDTH INTERVAL	ASSAYS WIDTH			
	153 12' fault breccia at 50°(?)	94-98.5	91 %					Sb	
		98.5-104	9%						
160 - 202	Totally altered QUARTZ(?) MONZONITE. Greyish white coloured, very	109-113	100						
	soft rock. Alteration caused by faulting & mineralization from 160 - 201.	113-118	100						
	Rock could also be strongly altered rhyolite. Numerous gouge seams to 1" at 45 & 65°	118-130	74						
	160-162 Weakly cemented fault breccia at 45°. Some of matrix medium grey;	130-134.5	73						
	caused by sheared pyrite(?)	134.5-140	89						
		140-148	100						
	167-174 Fault zone at 55-65°. Rock saturated with sheared sulphide colouring	148-158	99	309BB	167-174	7.0		0.33	
	gouge and unbrecciated rock black. Dissem pyrite locally evident. Lesser	158-164	100	310 BB	174-185	11.0		0.03	
	stib as fine fracture filling locally evident.	164-171	80	311 BB	185-190	5.0		3.23	
		171-175.5	84	312 BB	190-195	5.0		0.14	
	174 - 185 Highly altered white rhyolite. Low, fine frac fillings of pyrite(?) or	175.5-178	76	313 BB	195-201	6.0		1.75	
	stibnite(?). Gougy fractures commence at 65°.	178-184	83	314 BB	201-204	3.0		0.14	
	185 - 189 Black, highly faulted (60°) and altered rock with abundant	184-191	84						
	stibnite filled fractures. Very high concentration of stib from 185 to	191-198.5	75						
	186.5. Minor dissem pyrite.	198.5-205.5	79						
	189 - 195 Intensely fract rock, locally sealed by hairline frac fillings of	205.5-216	98						
	pyrite or stib. Locally breccia texture containing frags ≤ ½"	216-222.5	97						
	in stibnite breakdown matrix (70% matrix) Black gouge	222.5-224	93						

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CLAIM NO. POP

DIAMOND DRILL RECORD

PROPERTY CON ANI RESOURCES HOLE NO. 77-2

Sheet 3/3

LATITUDE ELEVATION BEARING DEPTH STARTED COMPLETED

DEPARTURE SECTION DIP DRILLED BY LOGGED BY

DEPTH FEET	FORMATION	SAMPLE NO. INTERVAL	FROM RECOVERY	TO	WIDTH	ASSAYS
	195-204 Variable grey to black, highly altered monzonite, with readily apparent stib along fractures. Lesser pyrite.	226-232	80			
		232-237	100			
	198-200 Fine (to 3/16") quartz veinlets containing minor stib Frequently at 45-60°.	237-243	100			
		243-252	100			
	204-242 Very high alt. Greenish grey colour. Strong dissem pyrite 2-4%; lesser as fine frac fillings. Numerous gougy shears at 1-6" intervals at 40° ex 60°.	252-259	100			
		259-267	99			
		267-273	100			
	218 4" sandy gouge 60°	273-282	93			
	241 Stibnite coated fracture at 55°.					
	242-248 No pyrite. Rock however has maroonish spots from which pyrite has been leached? Different rock type?)					
282	END OF HOLE					

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

DD-27

CLAIM NO. POP | PROPERTY CON AM RESOURCES | HOLE NO. 77-4 | Sheet 1/5

LATITUDE 105+79 North | ELEVATION 5654 | BEARING N 45E | DEPTH 313 | STARTED July 3/77 | COMPLETED July 5/77

Core Size: BQ / Casing: NW 6'; BW 45'

Recovery: 33-93 = 54.3%; 93-313 = 98.6; 33-313' = 89.1%

DEPARTURE 405+90 East | SECTION | DIP -65° | DRILLED BY | LOGGED BY J. Mackie

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS		Sb
		INTERVAL	RECOVERY	SAMPLE #	INTERVAL	WIDTH		
0-33	Overburden							
33-88	Typical QUARTZ PEBBLE CONGLOMERATE. Very poor recovery due to shattering. Strong reddish brown rust along fractures, which dominantly occur at 60°, rest random. Traces of dissem and frac filling pyrite. Strong rusting ends at 40' where frac coated buffish yellow.	33-37	28%					
		37-39.5	40					
		39.5-41.5	40					
		41.5-45	7					
	39.5 1 foot chocolate brown fault gouge at 25°.	45-50	30					
	40-49 Heavy pyrite as frac filling (50%) and dissem blebs (50%);	50-54	62					
	ranging from 2 to 4%.	54-57.5	60					
	68-77 Pyrite increases to .2 to .5%, locally up to 3% over 3 to 6" intervals.	57.5-62.5	62					
	73' One foot of sandstone with 30% 1/4-1" quartz pebbles.	62.5-67	73					
	83-88 One percent dissem & frac filling pyrite.	67-68	20					
88-178	RHYOLITE (?) Very high fault altered rock medium grey to buff.	68-72.5	73	315BB	88-98	10.0		0.01
	One third to 1/2 core crumbly black fault gouge. Dissem pyrite - 1%.	72.5-73.5	40	316BB	98-108	10.0		0.01
	88-108 Major fault at 40-50°. 1/3-1/2 of core black crumbly fault	73.5-75	13					
	gouge over 4-12" lengths at 6-24" intervals. Intervening rock	75-77	60					
	totally altered to whitish grey and frequently self healed breccia.	77-83	75					
	Black hairline fractures at 40-60° very common. (Samples taken	83-93	72					
	to check black gouge for stibnite)	93-95	80					
		95-99	62					

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CLAIM NO. PCP

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES HOLE NO. 77-4 DD-27
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LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	~~TO~~	~~WIDTH~~	ASSAYS			
								Sb	
		INTERVAL	RECOVERY	SAMPLE NUMBER	INTERVAL	WIDTH			
	93.5 One inch of core which is dark grey devitrified glass(?) Relic very fine bedding or foliation at 70°.	99-103	100%						
	113-125.5 MONZONITE PORPHYRY. Very high alteration & shearing (continuation of	103-108	92						
	previous fault) Top 6" sandy grey gouge at 50°; btm 12" ground up	108-113	100						
	white sandy gouge at 35°. Twenty percent ¼" pinkish phenes in a lite	113-118	100						
	grey groundmass. Numerous fine quartz and/or feldspar veinlets forming	118-123	100						
	network with dominant attitudes of 30 & 60°. Veinlets all barren. Generally	123-128	96						
	½-1% disseminated pyrite. Rock sheared at 2-4' intervals at 25-35°. Shears	128-133	90						
	gouge or sandy and adjacent 6" badly crushed.	133-143	95						
		143-152	100						
	125.5+ Typical buff RHYOLITE + 3% quartz eyes; .2 to 1.5% disem &	152-157.5	96						
	fine flaky pyrite.	157.5-163	95						
	135-141.5 Shear zone at ~30° Rock is medium grey coloured - possibly	163-168	100						
	an ANDESITE(?). Highly alt & laced by fine qtz-feldspar veinlets.	168-172.5	96						
	Many ½" sandy seams and intervening rock highly crushed. ½% pyrite.	172.5-183	100						
	149-245 MAJOR FAULT ZONE as described below.	183-188	100						
	154-164 Loosely gouge cemented rhyolite sand. Shear planes at 30-45°. Pyrite ¼%	188-193	100						
	Variable, but low, irregular, discontinuous fine quartz veinlets.	193-198	100	317 BB	164-171	7.0		0.01	
	164-173 Continuation of gouge cemented sand, but contains 3-6% fine	198-203	96	318 BB	171-178	7.0		0.01	
	country [illegible] Structure parallel to core	203-208	100						

WESTERN MINER PRESS LTD.
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DIAMOND DRILL RECORD

DD-27

CLAIM NO. [illegible] PROPERTY [illegible] HOLE NO. [illegible] Sheet 3/5

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS		Zn	
		INTERVAL	RECOVERY	SAMPLE NUMBER	INTERVAL	WIDTH			
175-190	Very highly altered, green Andesite? (Strong v.f.g. chloritic alteration)	208-213	100%						
	Fine network of quartz-feldspar veinlets. Variable 2-5% dissem & frac-filling	213-218	100						
	pyrite.	218-223	100						
	187-190 Gouge cemented, black colour) sand and quartz pebbles to ½" at ~70°	223-228	100						
190-197.5	Typical QUARTZ PEBBLE CONGLOMERATE. Low (25%) dissem fine	228-233	100						
	filling pyrite. Occasional fine quartz veinlet (irregular) Top, fault from	233-238	102						
	187-190 at 70°, btm irregular at ~50°.	238-243	100						
		243-253	100	319BB	1985-203	4.5		3.13	
197.5-221.5	Buff coloured RHYOLITE. Highly altered with network of low angle frac	253-258	100	320BB	203-210	7.0		0.01	
	sealed by smeared pyrite.	258-263	100	321BB	210-221	11.0		0.01	
	198.5-203 Fault breccia with black gouge matrix at 55°. Strong stibnite in	263-268	100						
	matrix over one foot at 200.* Fine frac filling otherwise noted.	268-273	100						
	203-210 Numerous fine sulphide smeared fractures. Possibly stibnite (?). Mostly	273-278	100						
	pyrite. Traces of stibnite evident in split core	278-283	100						
	210-221.5 Numerous (½ the interval) black gouge shear strand 2" to 10" at 50°	283-288	100						
	[illegible] Fair to 6% frac filling & dissem pyrite. Smeared black	288-293	100						
	[illegible] Weak quartz infilling	293-298	100						
		298-303	100						

* [illegible]

WESTERN MINER PRESS LTD.
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CLAIM NO. POP

DIAMOND DRILL RECORD

PROPERTY [illegible]

HOLE NO Sheet 4/5

DD-27

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	~~TO~~	WIDTH	ASSAYS		
								Au
225-267	MONZONITE PORPHYRY(?) Highly altered light grey rock Porphyritic texture locally evident, Otherwise obscured by early healed shearing at 40°, which is cut by later fracturing. Heavily impregnated with 4-6% disseminated pyrite and some fracture filling which is frequently smeared to black colour. Local fine qtz and feldspar veinlets commonly at 40-60°. Two-6" of crushed & sheared rock at 40° at 3 to 6' intervals. Stib. check sample 233-245			SAMPLE NUMBER	INTERVAL WIDTH			
	235 & 239 Stibnite possibly present on fracture faces			322BB	233-245	12.0		0.01
	245 End of intense shearing.							
	245- Highly altered MONZONITE(?) OR META-ANDESITE(?) Medium grey to greenish, chlorite alt'd grey rock. Very soft and easily crumbles to ½ to 1" rock chips. Contains 2-3% disseminated pyrite. Possible traces of stibnite at 248', 252 & 264.5.							
	260-261 Traces of scarlet red oxide associated with fine qtz-feldspar veinlets or surrounding v.f.g. black metallic mineral. Mineral (?)							
	255-257 Old shear zone(?) at 45°. Black infilling in irregular anhedral granular to massive texture - old fault gouge(?).							
267-313	META-ANDESITE(?) Variably bleached medium green (chlorite alt'd) rock. Highly [illegible] Medium fine quartz- [illegible]							

WESTERN MINER PRESS LTD.
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CLAIM NO. PCP

DIAMOND DRILL RECORD

PROPERTY JON HAY ASSOCIATES

HOLE NO 77-6 Sht 5/5

DD-27

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	~~TO~~	~~WIDTH~~	ASSAYS		
								Sb
	268.5 Trace of stibnite on 2 fracture faces.			SAMPLE NUMBER	INTERVAL	WIDTH		
	289-313 Strong fault zone at 60° Much crushing & black gouge. Possible							
	traces of stibnite throughout. Stib locally evident in association			323 BB	289-299	10.0		0.05
	with quartz between 305 & 313 Variable pyrite 2-5%. Variable			324 BB	299-305	6.0		0.01
	irregular quartz veinlets; generally hairline but locally up to ½".			325 BB	305 313	8.0		0.10
	Local foliation in less altered rock at 60°							
313	END of HOLE (Obviously this hole should have been continued							
	through the structure.)							

WESTERN MINER PRESS LTD
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. POP | PROPERTY CON AM RESOURCES | HOLE NO. 77-5 | Sheet 1/4 | DD-27

LATITUDE 105+79 North | ELEVATION 5654 | BEARING - | DEPTH 338' | STARTED July 5/77 | COMPLETED July 7/77

Core Size: BQ / Casing: NW 16'; BW 21'

Recovery: 18-101 = 57.3%
101-338 = 98.4%
18-338 = 87.7

DEPARTURE 405+90 East | SECTION | DIP -90 | DRILLED BY | LOGGED BY J. Mackie

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
0-18	Overburden	INTERVAL	RECOVERY			
18-68	QUARTZ PEBBLE CONGLOMERATE Highly shattered at 35-45 & 60°	18-23	46%			
	Trace of dissem & frac filling pyrite, locally up to 2% over 2-4". Very intense	23-30	34			
	rusting down to 55'; occasional rust stain below this point.	30-36.5	46			
	58' Two feet of grey sandy gouge recovered. Foliation at 30°	36.5-39.5	49			
	Contact at 68' is sharp at 60°. Rock on 2' either side of contact	39.5-42	76			
	is laced with 3 to 5% pyrite	42-44	35			
		44-47.5	14			
68-82.5	SILICEOUS MUDSTONE(?) Very fine grained buffish white rock.	47.5-52	33			
	Very fine colour banding and fracturing at 60°, locally interupted by cross fracturing.	52-53.5	60			
	Bottom half of section seems to have intermixed quartzite(?). Anyways a very	53.5-57	97			
	buggered up rock. Generally 2-3% dissem & lesser frac filling pyrite	57-62	100			
	Weak to moderate rust on fractures.	62-67	82			
	80-83 Fault breccia of 80% 1/8-1/2" rock chips in a sand matrix	67-70	63			
		70-73	67			
82.5-169	META-ANDESITE(?) Grey to greenish grey rock; highly variable.	73-77	23			
	Locally has granitic texture over a few inches, but mostly v.f.g. with	77-80	47			
	altered feldspar eyes (chlorite?) giving a fine spotted texture. About	80-82.5	92			
	1% dissem pyrite & occasional frac filling. Highly fractured at 15, 30 & 60°.	82.5-87.5	62			

WESTERN MINER-PRESS LTD.
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CLAIM NO. POP

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES

HOLE NO. 77-5 DD-27
Sheet 2/4

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	~~TO~~	WIDTH	ASSAYS			
								Sb	
	Fine Quartz-felsp. veinlets at ½ to 3" intervals. Most veinlets at 40°.	INTERVAL	RECOVERY	SAMPLE NUMBER	INTERVAL	WIDTH			
	115 Fault associated, ¾", quartz vein containing stibnite at 60°. Adjoining	875-91	60%						
	rock is v.o mineralized.	91-94	60	351BB	113-116	5.0		0.01	
	113. ½ to 1" zones of vein quartz with traces of stibnite	94-96	55						
	118 " " " " " " " " " " " "	96-101	70						
	116+ Soft core - moderately altered green coloured ANDESITE	101-106.5	91						
	125-134 Seams of feldspar tinted (frosted) maroonish colour. Colour	106.5-116.5	83						
	also evident along fractures (maroonish).	116.5-121.5	98						
	137-140 White coloured andesite with ½" fringe of green adj frac.	121.5-126.5	94						
	(stibnite?) down to 142', then very stop. Disseminé frac	126.5-132	100						
	filling pyrite - 1½ to 2%.	132-137	100						
	141+ Trace of stibnite? in ¼" low angle (5°) quartz vein.	137-142	100						
	167±4" A few specks of stibnite on fractures.	142-149	100						
		149-150	100						
169-181	QUARTZ BIOTITE GNEISS foliated at 60°. Generally light grey	150-154	100	352BB	169-181	12.0		0.01	
	colour, locally dark grey. Seems like possible traces of stibnite along	154-157.5	100	353BB	181-186	5.0		0.01	
	occasional foliation plane. Abt + 1% disseminé frac filling pyrite	157.5-167	96	354BB	186-196	10.0		0.01	
	Locally a very light green, limonite stained up to ½" of an unknown mineral.	167-173	88						
181-186	QUARTZ VEIN ... inclusions of slightly altered adjacent	173-183.5	97						
	rock ...	183.5-186.5	97						

WESTERN MINER PRESS LTD.
STANDARD FORM NO. 502

CLAIM NO. POP **DIAMOND DRILL RECORD** PROPERTY CON AM RESOURCES HOLE NO. 77-5
Sheet 3/4 DD-27

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	~~TO~~	~~WIDTH~~	ASSAYS			
								Sb	
	pyrite (~1%) and lesser contain pyrite and stibnite. Occasional	INTERVAL	RECOVERY	SAMPLE NUMBER	INTERVAL	WIDTH			
	dissemination of pyrite and stibnite.	1865-1895	100 %						
	189.5 Minor sphalerite over 6"	1895-196	100						
	185-186 Fault? Zone. Brecciated quartz and 6" of black gouge cemented	196-202	100						
	186-189 (loosely) quartz sand. Traces of stibnite in the black gouge.	202-2125	100						
	Foliation at 50°.	2125-2225	100						
		2225-232	100						
186-283	QUARTZ MONZONITE 3-5 % m.g. quartz crystals in a m.g.	232-238	100						
	leucocratic feldspathic ground mass. White to light grey colour. Strong	238-248	100						
	(3-4%) dissem fine cubes of pyrite. Mod to high sericite alt. Top 10'	248-258	100						
	contain traces of v.f.g black metallic mineral. Possibly stib or	258-268	100						
	magnetite. (To find out test with magnet.) Top 15' badly crushed & broken	268-278	100						
	at 60°	278-288	100						
	214 Trace of stibnite on 70° fracture.	288-298	100						
	217-236 Core greenish colour. Chlorite altered biotite books (4-10%)	298-308	100						
	clearly evident. Porphyritic texture generally apparent. 1% dissem pyr.	308-318	100						
	236-239 Fault breccia at 20°. Highly shattered gte matrix healed by 10-15%	318-328	100	355 BB	236-239	3.0		0.01	
	qtz matrix. Stibnite locally evident.	328-333	100						

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CLAIM NO. POP

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES

HOLE NO. 77-5 DD-27

Sheet 4/4

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	~~TO~~	WIDTH	ASSAYS		Sb
283-299	Medium to dark green MONZONITE PORPHYRY DIKE. Very fresh 1/8" ortho phenos (25%) in a maroonish felsitic matrix (and chlorite alt biotite). Rare crystal of quartz. Top - abrupt change along complimentary fg. feldspar veinlets at 45°. Btm - 1 foot brecciation at 20° with stibnite bearing quartz infilling.			SAMPLE NUMBER	INTERVAL WIDTH			
				356BB	299-305	6.0		0.01
299-305	QUARTZ MONZONITE PORPHYRY as 217-236 ; 1% disseminated py.							
305-320	MONZONITE PORPHYRY DIKE as 253-299. Top - shear plane at 40°. Btm - fault breccia at 20-40° over 2½' of core.							
320-338	QUARTZ MONZONITE PORPHYRY 217-236.			357BB	329334	5.0		0.01
	330-333 2-3" wide breccia with black matrix paralleling core.							
336	END OF HOLE.							

DD-27

CLAIM NO. POP DIAMOND DRILL RECORD PROPERTY CON AM RESOURCES HOLE NO. 77-6

LATITUDE 105+79 North ELEVATION 5654 BEARING N 15 W DEPTH 51 STARTED July 7/77 COMPLETED Snow 1/ July 9/77

Core Size BQ, Casing: NW 18'; BW 39'

DEPARTURE 405+90 East SECTION DIP -45 DRILLED BY Recovery 25-51 = 32.7% LOGGED BY J. Mackie

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
0-25	Overburden	INTERVAL	Recovery			
		25-28	30%			
25-51	QUARTZ PEBBLE CONGLOMERATE Typical fine yellow to	28-31	10			
	orange rust staining fair recovery. Mostly ½" cobbles	31-34	37			
	with the occasional piece of core to 3" recovered.	34-37	20			
		37-41	50			
51	END of HOLE. Abandoned due to bad caving	41-43	25			
		43-48.5	51			
		48.5-51	12			

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. POP | PROPERTY Con Am Resources | HOLE NO. 77-7 DD-27

LATITUDE 105+79 North | ELEVATION 5654 | BEARING N15W | DEPTH 401 | STARTED July 9/77 | COMPLETED July 12/77 | Sheet 1/6

Core Size: BQ / Casing: NW 18'; BW 66'

DEPARTURE 405+90 East | SECTION | DIP -66 | DRILLED BY | LOGGED BY J. Mackie.

Recovery: 36-111.5 = 39.7%
111.5-401 = 98.6
36-401 = 86.4%

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
0 - 36	Overburden	INTERVAL	RECOVERY			
		36-37.5	27 %			
36 - 87	QUARTZ PEBBLE CONGLOMERATE (QPC). Typical. Traces of pyrite. Very	37.5-43	33			
	strong rusting down to 44'. Low, light yellow rusting below 44'.	43-44	60			
	51.5-54 White RHYOLITE dike(?) rusted to buff colour. Very soft with	44-46	40			
	trace of pyrite	46-51.5	3			
	69.5-72 = 2% frac filling network of pyrite.	51.5-55	26			
	76.5-78 MONZONITE PORPHYRY DIKE ⅛', 5% orthoclase phenos in a dark	55-59	42			
	grey feldspathic, v.f.g dense matrix. High sericite alt of matrix.	59-69.5	18			
	Dike contains 5% v.f.g dissem pyrite. QPC on either side	69.5-75	47			
	of dike for 2' contains 5% network of pyrite. Contacts - top	75-82.5	87			
	lost - btm at 15°.	82.5-87.5	36			
	Last foot of QPC is quartzic sand with occasional (10%) ¼" clast of quartz	87.5-93	36			
		93-100.5	48			
87 - 94	MUDSTONE(?) Light buffish grey. Local bedding at 70°. About 1%	100.5-105	24			
	frac filling pyrite, local disseminations. Top lost.	105-108	47			
		108-111.5	77			
94 - 198	META-ANDESITE Light greenish colour with occasional (2%)	111.5-115	97			
	bands of [illegible] Bleaching to buffish colour around [illegible]	115-119	9°			
	Fine [illegible] 1% at 45° and 2% at 15° and 2% at 5° [illegible]	119-124	60			

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CLAIM NO. POP

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES HOLE NO. 77-7 DD-27

Sheet 2/6

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	~~TO~~	~~WIDTH~~	ASSAYS		Sb	
	5% shears with fine fleck pyrite. Lower sections have	INTERVAL	RECOVERY	SAMPLE NUMBER	INTERVAL	WIDTH			
	.27oz. 4% pyrite Top 12" gouge sand and loosely cemented	124-129	80%						
	rock chips To 1' at 70°. Occasional fine, qtz, feldor calcite veinlet	129-134	92						
	119 Trace of stibnite in ¼" qtz veinlet at 60°	134-139	100						
	Traces of stibnite 119.5, 123, 124, 131, 136, 138, 145.	139-144	100						
	119-134 Pyrite increases to 1-1½%, mostly disseminated.	144-149	100	358 BB	130-134	4.0		0.01	
	132 3" gouge and sand at 40°. Possible stibnite ± 1'.	149-154	98						
		154-159	100	359 BB	139-144	5.0		0.06	
	139-144 Fault zone at 50°. Some gouge, but mostly shattered	159-163	100	360 BB	144-154	10.0		0.02	
	rock healed by 5% pyrite. Generally black colour due to sheared	163-1725	100						
	pyrite. No stibnite evident.	1725-177	84						
	144-159 Mottled black and white rock. About 20% black irregular	177-187	100						
	patches ½-3". Black caused by 5-10% v.f.g pyrite	187-197	100						
	impregnations which have been smeared to black colour.	197-2075	100						
	162-166.5 Highly altered MONZONITE PORPHYRY (?) or APLITE (?)	2075-2175	100						
	DIKE White coloured with fine chlorite green phenos (3%)	2175-229	100						
	in v.f.g matrix Trace of pyrite. Top 1' sheared at ?;	229-239	100						
	btm 1' gouge & breccia with 3/8" quartz eyes (rolled) at ?	239-249	100						
	172 Trace of stibnite in irregular qtz veinlet.	249-259	100						
	162.5 - Very high sericite alteration and 1-2% disem pyrite	259-269	100						

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CLAIM NO. POP

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURSES HOLE NO. 77-7 Sheet 3/6 DD-27

LATITUDE ELEVATION BEARING DEPTH STARTED COMPLETED

DEPARTURE SECTION DIP DRILLED BY LOGGED BY

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	FROM	~~TO~~	WIDTH	ASSAYS		Sb
	185 6" gouge cemented sand at 20°. Upto 5% pyrite.	INTERVAL	RECOVERY	SAMPLE NUMBER	INTERVAL	WIDTH		
	185-189 Totally altered ANDESITE (sericite and chlorite). Fine to highly broken and contorted quartz veins up to 1", most less than ½". Variable, 2-4% disseminated pyrite. Numerous gouge seams parallel at 40-50°	279-289	100%					
		289-359	100%					
		359-369	60%	36/BB	213-220	7.0		0.01
		369-401	100%					
189-220	QUARTZ BIOTITE GNEISS Poorly developed in general, but occasional excellent banding over 1-2' at 2 to 5' intervals. Intervening rock massive to medium grained equigranular. Foliation at 60°. Very strong sericite and chlorite alteration. Occasional fine quartz veinlet about ½ to 1% disseminated fine pyrite.							
	213-220 Numerous sulphide smeared fractures along foliation. Stibnite identified at 218.							
	220 One foot gouge crushed rock. Angle?							
220-269	META SANDSTONE (Pure) White, foliated (70-80°) feldspathic, rare chlorite and sericite. Fine quartz (<5%). Fine pyrite (1-1½%)							

CLAIM NO. POP

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES

HOLE NO. 77-7 DD-27

Sheet 4/6

LATITUDE ELEVATION BEARING DEPTH STARTED COMPLETED

DEPARTURE SECTION DIP DRILLED BY LOGGED BY

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	~~TO~~ SAMPLE NUMBER	~~WIDTH~~ INTERVAL	ASSAYS WIDTH		Sb	
	254-259. Very rare speck of fg. dissem black metallic mineral								
	259-269 Fault zone. Top 5' badly broken with numerous gouge fractures i.e. parallel to core. Btm 5' much smeared sulphides at 35-45° and black gouge			362BB	260-269	9.0		0.01	
				363BB	269-278	9.0		0.01	
269-278	White QUARTZ MONZONITE Moderate to weak sericite alteration; 2-3% fine g. qtz eyes. Bright silvery metallic mineral disseminated throughout - looks like arsenopyrite (~1%) in most cases with traces of stibnite ? This mineral usually occurs as fracture fillings.			364BB	278-283	5.0		0.02	
				365BB	283-288	5.0		0.01	
				366BB	302-312	10.0		0.02	
(278-288)	FAULT ZONE Gouge & pyrite healed breccia. Black colour with 3% pyrite, most of which is smeared. Trace of stibnite at 280 with orangy rust (similar to DDH 77-3, 77-4 & 77-5 mineralization. Angle seems to be 20-30°								
278-312	ANDESITE. High chlorite alteration to patchy or mottle green - grey rock. Numerous googy shears at 15° & 75°. Strong shattering which is sealed by a fine net work of quartz stringers with ets. Variable dissem and fracture [illegible] 1/2-1%								

WESTERN MINER-PRESS LTD.
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DIAMOND DRILL RECORD

CLAIM NO. P.O.P. PROPERTY CON AM RESOURCES HOLE NO. 77-1 DD-27

LATITUDE ELEVATION BEARING DEPTH STARTED COMPLETED

DEPARTURE SECTION DIP DRILLED BY LOGGED BY

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	302 12" black gouge sealed sand and rockchips at 70°.					
312-326	FELDSPAR PORPHYRY DIKE. Vague ghost like feldspar phenos, ½" mostly anhedral, locally tabular in a v.f.g. green feldspathic matrix (95%). Probably a diorite in composition. Occasional low angle quartz veinlet. All fractures highly rusted. Top ¼" chill at 45°; btm ⅛" chill at ±30°					
326-380	CHLORITE (alteration of biotite?) QUARTZ GNEISS. Dark green colour. Variable, but generally good foliation at 55-60°. Rock has been highly crushed and soft zones primarily at 25-30°. Low disseminated pyrite (<0.5%). Occasional fine quartz veinlet at low angles. Occ. crimson frost spot.					
	334 One set-offs of FELDSPAR PORPHYRY dikes, appears contacts at 52°. (wedge shaped like)					
	365-369 No core - tube did not lock.					
	371-373 Old fault breccia? Cataclastic breccia with rock flour matrix containing ⅛-¼" angular fragments of f.g.-c.g. volcanic & quartz chips. Top ~ btm 35°. Soft zones where possible fine-grained					
	373-380 Appears to be mostly fine grained, deeper shade green					

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DIAMOND DRILL RECORD

CLAIM NO. PCP PROPERTY CON AM RESOURCES HOLE NO. 77-7 SHEET 6/6 DD-27

LATITUDE ELEVATION BEARING DEPTH STARTED COMPLETED

DEPARTURE SECTION DIP DRILLED BY LOGGED BY

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
320 - 401	Black ANDESITE(?) flow. Lt. to black rock with occasional rounded to angular fine feldspar and calcite eyes. Trace of pyrite.					
	380 - 386 Mottled light green to black pseudobreccia top of flow(?).					
401	END OF HOLE.					

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY CON AM RESOURCES HOLE NO. 77-8 DD-27

Sheet 1/2

LATITUDE 88+03 North ELEVATION 4906 BEARING — DEPTH 308 STARTED July 22/77 COMPLETED July 25/77

Core Size: BQ /CASING: BW 19'

DEPARTURE 278+89 East SECTION DIP -90 DRILLED BY Recovery: 8-77 = 69.1% 77-308 = 83.1% 8-308 79.9% LOGGED BY J. MACKIE

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	TO	WIDTH	ASSAYS
0 - 8	Overburden	INTERVAL	RECOVERY			
		8-12	30%			
8 - 44	Fine to medium grained equigranular ANDESITE. Very highly altered	12-18	20			
	(chlorite - 15%, & sericite), high rust staining & lesser manganese staining.	18-23	96			
	2% disseminated pyrite. Fracturing at 0-10° & 70°.	23-24	50			
	28'-6" dike of underlying GRANITE, contacts bc	24-26	40			
	31.5-37.5 Granite as below. Top sharp at 50°, btm ct.	26-28	70			
		28-33	100			
44-215	GRANITE. Fine grained, equigranular, 10-15% quartz, 1-2% biotite,	33-38	96			
	variably altered to chlorite. Traces of pyrite. Fracturing at 10°&70°	38-44	90			
	Moderate Fe & Mn staining.	44-47.5	80			
	57.5-68 FAULT OR FRACTURE ZONE at 0-15°. [illegible]	47.5-57.5	76			
	including a weak chlorite crushed zone 60 to 60. Number of	57.5-60	20			
	fractures are soil filled.	60-69	75			
	76 6" of highly altered and weathered, fine grained, BASALT DIKE.	69-73	80			
	contacts bc.	73-77	40			
	100 12" chlorite breccia (35% chlorite matrix)	77-84	80			
	111 Fault 4" chocolate brown fault gouge.	84-85	100			
	197.5 Trace of specularite	85-92	95			
		92-93.5	40			

CLAIM NO. DIANE (EMPIRE)

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES HOLE NO. 77-8 DD-27

Sheet 2/2

LATITUDE ..... ELEVATION ..... BEARING — DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP — DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	~~TO~~	~~WIDTH~~	ASSAYS			
		INTERVAL	RECOVERY	INTERVAL	RECOVERY	INTERVAL	RECOVERY		
215-223	ANDESITE. Fine grained, somewhat equigranular. Highly rusted fractures at low angles. Contacts lost.	93.5-101.5	90%	198-199.5	100%	294-296	96%		
		101.5-105	50	199.5-208	100	296-303	100		
223-308	GRANITE as before. Still moderate Fe & Mn staining on fractures.	105-106.5	30	208-218	96	303-308	100		
	251-258 Intense fracturing at 60-70°. High core loss.	106.5-108.5	40	218-221	100				
		108.5-118	80	221-224	70				
308	END of HOLE	118-121	30	224-233	80				
		121-128	60	233-238	95				
		128-129	100	238-243	80				
		129-138	100	243-245	40				
		138-143	100	245-251	40				
		143-153	95	251-253	50				
		153-154	95	253-258	80				
		154-163	95	258-263	80				
		163-171	95	263-268	85				
		171-174	100	268-270	96				
		174-178	100	270-271	96				
		178-183	95	271-282	90				
		183-188	80	282-286	50				
		188-198	70	286-294	90				

ERN MINER PRESS LTD.
DARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY CON AM RESOURCES HOLE NO. 77-9 DD-27

Sheet 1/2

LATITUDE 87+67 North ELEVATION 4873 BEARING SOUTH DEPTH 182 STARTED July 26/77 COMPLETED July 27/77

Core Size: BQ / Casing BW 20'

DEPARTURE 278+21 East SECTION DIP -45 DRILLED BY Recovery: 10 - 182 = 60.4% LOGGED BY J. MACKIE

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
0 - 10	Overburden	INTERVAL	RECOVERY			
		10-13	16 %			
10-13	QUARTZ VEIN - in place (?). Mostly chips ¼-½", with rare	13-18	20			
	piece to 1½". No stibnite apparent except for one 1" long piece.	18-22.5	85			
	Possible attitude from ¼" feldspar veinlet is 65°.	22.5-26.5	90			
		26.5-31.5	60			
13-20.5	BASALT DIKE. Dark green colour, fine grain with 7%, 1/16-⅛"	31.5-37	80			
	weak to moderately aligned (at 40°) chlorite clots. Traces of disseminated	37-40	70			
	pyrite. Top contact lost, bottom contact chilled at 25°.	40-45	95			
		45-50	100			
20.5-35	ANDESITE. V.f.g., light grey colour, 10% interstitial chlorite, 2-3%	50-53.5	[illegible]			
	disseminated pyrite. High iron and manganese staining. Fracturing at	[illegible]	[illegible]			
	60°.	54.5-61	[illegible]			
		61-66	[illegible]			
35-	GRANITE Fine to medium grained, equigranular, highly variable	66-[illegible]	[illegible]			
	quartz (6-15%), suggesting a contaminated granite. Biotite 7-10%,	71-76	[illegible]			
	locally altered to chlorite. Dominant fracturing at 50°, lesser at	76-[illegible]	[illegible]			
	low angles.	78-81.5	70			
		81.5-86	40			
		86-90	20			

CLAIM NO. DIANE (EMPIRE)

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES HOLE NO. 77-9 DD-27

Sheet 2/2

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	7.5-83 BASALT DIKE as 13 to 20.5. Chlorite clots are not aligned. Contacts lost.	INTERVAL	RECOVERY	INTERVAL	RECOVERY	
		90-93	20%	172.5-179	15%	
	81.5-112 Very intense fracture zone with high Fe & Mn stains and core loss. Dominant fractures at 55°.	93-96	20	179-182	0	
		96-104	25			
	95-103 Chocolate brown coloured gouge breccia, cementing sand to ½" angular chips of granite. Some barren quartz infilling. High core loss. Traces of pyrite	104-105	30			
		105-107	20			
		107-112	80			
	112 Plus - Uncontaminated GRANITE. Fresh, but fractures still iron stained.	112-117.5	80			
		117.5-121.5	85			
	156-182 FAULT ZONE at 30°. Highly fractured at low angles. High core loss. Mud reported by drillers at 166 & 179. Six feet of chocolate brown gouge (75%) breccia containing ≤ ¼" chips of granite	121.5-126	85			
		126-131	84			
		131-137	100			
		137-142	100			
		142-147	100			
182	END of HOLE (Abandoned because rock caving in hole)	147-150	100			
		150-152.5	100			
		152.5-157	20			
		157-162	10			
		162-170	0			
		170-172.5	5			

RN MINER-PRESS LTD.
ARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY CON AM RESOURCES HOLE NO. 77-10 DD-27

Sheet 1/2

LATITUDE 87+67 North ELEVATION 4873 BEARING S 30° E DEPTH 203' STARTED July 27/77 COMPLETED July 28/77

Core Size: BQ / Casing: BW 21'

DEPARTURE 278'+21 East SECTION DIP -50 DRILLED BY Recovery 21-71.5 = 64.0% 71.5-203 = 72.8% 21-203 = 70.3% LOGGED BY J. Mackie

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	TO	WIDTH	ASSAYS
		INTERVAL	RECOVERY			
0 - 21	Overburden	21-26	80%			
21 - 61	ANDESITE. Fine grained, equigranular. ,2-4% chlorite altered matic? ½% dissem magnetite, locally altered to hematite; trace of	26-28	50			
		28-33	44			
	specularite on the rare fracture. Fracturing at 50°, lesser at 20-30°.	33-345	5			
	High orange coloured rusting & manganese coating of fractures. V.f.g dissem	345-385	10			
	pyrite (½-1%). Fine quartz veinlets (< ⅛") at 1 to 12" intervals, average 2-3"	385-43	100			
	at 40-60°, less common at 10-20°. White colour.	43-48	95			
		48-53	60			
	31-34 Dark green basic dike (BASALT?) with 10% weakly aligned, fine	53-58	95			
	irregular mafic clots at 50°. About 1% v.f. quartz eyes. Trace of pyrite.	58-63	95			
	Contacts last.	63-67.5	60			
	Traces of pyrite below 39'. Also quartz veinlets at 3-18"	67.5-71.5	5			
	intervals, average 8-10"	71.5-75.5	80			
		75.5-81	90			
61 - 203	GRANITE. Pinkish red coloured, f.g., equigranular. 15-25% qtz; 1%	81-86	85			
	chlorite after mafic. Also low chlorite & epidote(?) alteration of plagioclase	86-91	95			
	(2-4%). Medium. 50-70% f.g. pink coloured K-spar. Traces of magnetite	91-96.5	100			
	hematite and sphene. Fractures, dominantly at 50° still heavily rust	96.5-101.5	110			
	stained and manganese coated. Tr to intermixed over 3". No obvious contact.					

WESTERN MINER PRESS LTD.
STANDARD FORM NO. 502

CLAIM NO. DIANE (EMPIRE) **DIAMOND DRILL RECORD** PROPERTY CON AM RESOURCES HOLE NO. TT-10 DD-27

Sheet: 2/2

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	~~TO~~	~~WIDTH~~	ASSAYS			
	93-96.5 Band of finer grained granite: Grey coloured - with no	INTERVAL	RECOVERY	INTERVAL	RECOVERY				
	pink K. spar. Top-colour contact at 50°, btm lost.	107-108	5%	187.5-193	100				
107-108	FAULT - Chocolate brown mud covered chips recovered. Possible	108-113	80	193-198	100				
	angle 50°. Very high iron and manganese stains from 108-120'	113-118	80	198-203	100				
113-116	Dark green BASALT DIKE as 31' to 34'. No quartz eyes, but	118-123	80						
	¼" calcite eyes. Contacts lost.	123-128	40						
128.5 & 129.5	- 3° of chocolate brown mud - faults? Apparent 50° angles.	128-132	20						
	Adjacent rock ± 2' highly rusted.	132-138	80						
138	1" quartz vein at 50°. Traces of pyrite.	138-142	30						
140	¼" " " at 30°	142-143	0						
145-155	DIORITE DIKE. Medium greenish colour. 10-15% mafics	143-144	5						
	altered to chlorite; fine grained; 2% v.fg. dissem pyrite.	144-149	95						
	Contacts about 45°. (Possible granite phase or altered Andesite)	149-155	98						
156-173	Phase of fresh grey equigranular granite. Very fine grained with	155-158	100						
	2-3% dissem pyrite. 173 - 1" sandy clay at 25°. (Possible	158-163	100						
	altered andesite inclusion?) About 1% epidote alteration.	163-168	100						
184-188	As 156-173. Top.?; btm sharp contact at 25° - no chill	168-173	100						
	features. Adjacent granite contains 2% dissem pyrite &	173-178	0						
	Trace of epidote.	178-183	60						
203	End of Hole	183-188	40						

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY CON AM RESOURCES HOLE NO. 77-11 DD-27

Sheet 1/2

LATITUDE 87+50 North ELEVATION 4857 BEARING S6CE DEPTH 201 STARTED JULY 29/77 COMPLETED July 30/77

Core SIZE: BQ / CASING: BW22' Recovery 9.5-101 32.4%

DEPARTURE 277+73 East SECTION DIP -45 DRILLED BY 101-201 76.6%

9.5-201 55.7% LOGGED BY D. A. [illegible]

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	TO	WIDTH	ASSAYS			
		INTERVAL	RECOVERY						
0 - 9.5	Overburden	9.5-13	10%						
9.5 - 21	Possible overburden - mixed chips to 2" of core made up of granite, quartz and basic dike. Highly rusted and dirt covered.	13-15	10						
		15-17	10						
		17-20	10						
21 - 37	BASALT DIKE Dark green, locally rusted to medium brown colour. Fine grained with 5-7% anhedral pyroxene xls in a felted feldspar matrix. Fine quartz veinlets at 1-3" intervals, mostly at 50-70°, a few at v. low angles. Fracturing at 50-70°, heavily rust and manganese stained. Contacts lost.	20-22	10						
		22-23	100						
		23-28.5	80						
		28.5-33	60						
		33-35.5	50						
37 - 201	GRANITE. Fine to medium grained with 5-7% quartz, locally up to 25% over a few inches, 5-10% fine biotite books, frequently altered to chlorite. Intense rust and manganese staining. Occasional quartz veinlet (< 1/8") at 70°. Rare trace of pyrite. 1-2% magnetite, frequently altered to hematite. Fracturing at 50-70°	35.5-40	50						
		40-41.5	100						
		41.5-46	80						
		46-49.5	15						
		49.5-53	15						
		53-58	40						
	49.5 Mud covered core chips for 3".	58-60.5	5						
	60.5-101 FAULT ZONE (?) Poor recovery. Mostly soft rusted chip and shattered core. Apparent angle of 20°. Gouge	60.5-64	5						
		64-66	5						
	[illegible]	[illegible]	—						

WESTERN MINER PRESS LTD.
STANDARD FORM NO. 502

CLAIM NO. DIANE (EMPIRE)

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES

HOLE NO. 77-11 DD-27

Sheet 2/2

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	TO	WIDTH	ASSAYS
		INTERVAL	RECOVERY	INTERVAL	RECOVERY	
	114 - 4" irregular andesite inclusion.	69-73	3 %	146-147.5	100	
	119 ½" irregular, vuggy qtz vein at ≈ 50°. 2% pyrite (dissem) ±6"	73-76	5	147.5-153	95	
	119-138 1-3% (Av 2%) disseminated pyrite, local fracture filling. Locally	76-80	5	153-158	100	
	Traces of epidote associated with the pyrite.	80-85	60	158-163	100	
	125± Very fresh granite with low Fe, Mn staining on fractures.	85-89	60	163-168	90	
	156-162.5 V. fg, dark grey, equigranular Andesite inclusion. Top vague	89-92	5	168-176	5	
	Btm sharp at 75°. Two percent disseminated pyrite with traces	92-96	5	176-180	75	
	of epidote.	96-101	10	180-185	60	
	168-176 Fracture or fault zone. Lousy recovery of chert covered	101-106	100	185-191	95	
	core chips up to 2" long. Mostly fractured at 25°, lesser at	106-111.5	100	191-192	96	
	45°. Very high rock staining, lesser manganese staining.	111.5-114.5	30	192-196	75	
	179-201 Less leached than shatter zone and contains 2-3%	114.5-118.5	50	196-201	60	
	disseminated pyrite.	118.5-123	70			
201	END OF HOLE	123-124	80			
		124-128	75			
		128-133	70			
		133-138	80			
		138-143	100			

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY CON AM RESOURCES HOLE NO. 77-12 DD-27

Sheet 1/2

LATITUDE 87+54 North ELEVATION 4857 BEARING — DEPTH 172 STARTED JULY 30/77 COMPLETED JULY 31/77

Core SIZE BQ / CASING: BW 21' Recovery 8-38 29.7% 38-172 74.7% 2-172 72.5%

DEPARTURE 277+70 East SECTION DIP -30 DRILLED BY LOGGED BY J. Makic

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
0-8	Overburden	INTERVAL	RECOVERY	SAMPLE NUMBER	INTERVAL	WIDTH		Sb	Zn
8-73.5	GRANITE. Traces of mafics and no magnetite - possibly leached? ~~Typical~~ fine to medium grain with 10-20% quartz. Highly	8-10	10%						
	rust and manganese stained. Strong jointing 55°±20°. Micropegmatite texture.	10-12	25	367BB	8-11.5	3.5		0.02	—
	12 Eighteen inches of mineralized quartz vein. Good mineral and	12-17	20	368BB	11.5-13.0	1.5		8.23	1.96
	vuggy quartz orientation at 60°. Generally moderate stn in mineralized	17-22	25	369BB	13.0-17	4.0		0.18	—
	zones and fractures, plus 2" of massive stibnite. Some sphalerite	22-25	25						
	obvious in split core.	25-31.5	30						
	13-26 BASALT DIKE. Extreme rusting gives f.g-m.g. rock buff	31.5-36	60						
	colour. Traces of frac filling pyrite. Contacts lost.	36-38	50						
		38-41	95						
	29 Six inches of f.g BASALT DIKE. Bottom contact at 30° (?)	41-43	100						
	Granite contains ½%, locally 1% disseminated pyrite between 35' & 50'	43-48	90						
	36-38.5 BASALT DIKE. 1% fine qtz-calcite eyes. Some fine qtz	48-53	98						
	veinlets at 20°/60°. Traces of disseminated pyrite.	53-58	85						
	Contacts lost.	58-63	98						
	50+ Traces of pyrite.	63-68	98						
		[illegible]	100						
		73-78	100						
		[illegible]	[illegible]						

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

CLAIM NO. DIANE (EMPIRE)

DIAMOND DRILL RECORD

PROPERTY Can Am Resources

HOLE NO. 7?-12 Sheet 2/2 DD-27

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
735-172	More typical (maybe just unweathered granite) GRANITE. Fine to medium grained, equigranular; 10-15% quartz; 10% biotite, frequently chlorite altered; medium grey coloured with traces of pyrite. 1% magnetite-hematite.	INTERVAL	RECOVERY			
	103 Mud seam at 40°(?). Reported by drillers.	83-88	100 %			
	116.5-148 Rock badly shattered at 0°, 20°, 30° and 50° to core. High rust & manganese stain. Poor recovery. Local sections of good core over 1-3'.	88-93	100			
		93-98	100			
		98-103	30			
		103-108.5	80			
		108.5-113	90			
	137.5 Possible fault at 0°; ¼" buff gouge or soil.	113-118.5	60			
	160 FAULT at 0°; ⅛" seam buff gouge.	118.5-123	25			
	167-169 Medium grained, granitic looking ANDESITE inclusion.	123-127.5	25			
	Traces of pyrite and epidote. Contacts sharp, no chill or alteration; top 55°, btm 70°	127.5-132.5	50			
		132.5-137.5	20			
		137.5-142	40			
172	END of HOLE	142-144.5	30			
		144.5-148.5	20			
		148.5-153	60			
		152-157.5	95			
		157.5-162.5	80			
		162.5-168	90			

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY CON AM RESOURCES HOLE NO. 77-13 Sheet 1/2 DD-27

LATITUDE 86+84 North ELEVATION 4839 BEARING DUE NORTH DEPTH 179 STARTED AUGUST 1/77 COMPLETED AUGUST 2/77

CORE SIZE BQ/CASING: BW, 9'

DEPARTURE 278+08 East SECTION DIP -45 DRILLED BY Recovery 7-61 27.0% 61-179 78.0% 7-179 62.0% LOGGED BY J. Mackie

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
0-7	Overburden (Bedrock at 6' (?))	INTERVAL	RECOVERY			
		7-11	25%			
7-179	GRANITE. High rust and manganese stained. Fine to medium	11-14	5			
	grained with 15-20% qtz, pink coloured (rust stained?) Kspar,	14-16	30			
	variable chlorite altered biotite – locally absent (leached?) to 5%.	16-19	15			
	Low hematite after magnetite. Traces of pyrite in less weathered	19-22.5	30			
	rock. Top highly fractured into 1-3" pieces of core, dominantly	22.5-26	25			
	at 50-70° and a few low angle fractures.	26-28	25			
	75 3 inches of quartz with low stibnite, sphalerite and pyrite	28-32.5	95			
	Top 60°, btm 30° in opposing directions	32.5-37	40			
	29 ½" sandy gouge at 60°; 27' A few, apparently barren qtz veins (≤ ⅛") btw	37-41.5	5			
	48.5-51.5 Drillers report mud seam. Recovered chips to 1" of granite	41.5-44.5	15			
	covered in chocolate coloured mud. At 485 3 or 4 ⅛-¼" chips of qtz	44.5-48.5	15			
	containing stibnite. Possible location of highly shattered	48.5-51.5	35			
	stibnite bearing quartz vein. Small potential width	51.5-61	30			
	High loss, staining (Fe, Mn), from 27 to 61' – locally up to 1% dissem	61-66	90			
	pyrite.	66-71	85			
	66-73.5 Medium grained ANDESITE inclusion. Traces of pyrite. Fresh-	71-76	80			
	with minor v.fg chlorite alteration. Top lost, btm	76-78	75			
	sharp [illegible] to 10° No [illegible]	78-83	80			

WESTERN MINER-PRESS LTD. STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY CON AM RESOURCES HOLE NO. 77-13 Sheet 2/2 DD-27

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	77.5 - 80 ANDESITE medium. V.f.g. dissem pyrite (1%) and traces of epidote.	INTERVAL	RECOVERY	INTERVAL	RECOVERY	
		83-88	95%	170-172	25%	
		88-90	100	172-175	50	
	125 - 165.5 BASALT DIKE Dark green colour, generally massive	90-95	95	175-179	25	
	with local fine feldspar phenocrysts. Traces of disseminated	95-100	100			
	pyrite. Broken at 20°, lesser 45°. Contacts lost.	100-105	95			
		105-109	35			
	178 Some sandy gouge and fracturing at 70°	109-114	95			
		114-118	100			
179	END of HOLE.	118-123	80			
		123-128	80			
		128-133	100			
		133-138	100			
		138-143	100			
		143-148	80			
		148-153	60			
		153-157	55			
		157-161	25			
		161-165.5	20			
		165.5-179	100			

WESTERN MINER-PRESS LTD.
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DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY CON AM RESOURCES HOLE NO. 77-14

Sheet 1/3 DD-27

LATITUDE 87+67 North ELEVATION 4825' BEARING SOUTH 60° EAST DEPTH 298 STARTED AUGUST 2/77 COMPLETED AUGUST 3/77

Core Size BQ/Casing BW 44' Recovery 43-173 64.7%

DEPARTURE 276+77 East SECTION DIP -45 DRILLED BY 173-298 89.0% LOGGED BY J. Vlacich

43-298 76.6%

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
0-43	Overburden plus broken rock not recovered.	INTERVAL	RECOVERY						
		43-49	10 %						
43-145	Coarse fg to m.g. GRANITE, 15-20% interstitial quartz; 5-7% biotite,	49-53	15						
	frequently altered to chlorite or leached in weathered section. Top highly	53-58	10						
	Fe & Mn stained. Traces of dissem py locally evident. Dominantly	58-63	60						
	fractured at 50-60°; occ @ 20°.	63-68	85						
	44 1" piece of rotted quartz containing low stibnite and pyrite.	68-73	100						
	Not obvious wether float or in place from poor recovery and	73-78	100						
	broken nature of core.	78-83	100						
	80 8" inclusion of m.g. ANDESITE. Apparent contacts 50°	83-88	100						
	85 18" " " " ANDESITE. Wedge shaped-contacts: Top 70°,	88-93	100						
	btm 60°	93-98	100						
	90 24" inclusion of mg. ANDESITE. Parallel contacts at 55°	98-103	100						
		103-107	50						
	110 FAULT AT 0 to 20°. Drillers report mud at 112.5'. Probably	107-112	20						
	weak shear zone along which silt has been deposited.	112-116	12						
	Mud is a medium chocolate brown colour. Adjoining	116-121	80						
	rock is very highly rusty and manganese stained.	121-126.5	60						
		126.5-130	50						
		130-132	100						

WESTERN MINER-PRESS LTD.
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DIAMOND DRILL RECORD

CLAIM NO. DIANE (FENIMORE) PROPERTY CON AM RESOURCES HOLE NO. 77-14 Sheet 2/3 DD-27

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	125-137 Inclusion of mg. equigranular, moderately altered (chlorite,	INTERVAL	RECOVERY			
	sericite with traces of epidote w ¼% disseminated pyrite)	132-137	90%			
	ANDESITE. Contacts top lost, btm. irregular at 70°	137-142	60			
		142-147	50			
145-191	M. grained ANDESITE (possibly DIORITE? (No dike features?) Equigranular	147-151	100			
	with interstitial chlorite (10%); moderate sericite, ½% disseminated py,	151-152.5	100			
	locally associated with traces of epidote. Contacts lost.	152.5-157.5	26			
	155 Drillers report mud. Recovered material suggests silted, open,	157.5-162	20			
	fracture.	162-167	75			
	170-191 Andesite has occasional inclusion of granite from 3" to	167-173	80			
	12". Granite usually contains traces of pyrite. Contacts at 45-55°	173-176	95			
		176-178	90			
	185 Possible fault; "but" more than likely an open fracture	178-183	100			
	filled with 2" of silt and sand at 75°.	183-188.5	60			
		188.5-198	70			
191-233.5	Intermixed GRANITE (40%) and ANDESITE (60%) bands 1 to 3'	198-203	100			
	long. Both mg, equigranular, relatively fresh containing ¼-½% dissem	203-207	90			
	pyrite with traces of epidote. Contacts at 70-80° with rare	207-212.5	95			
	irregular contacts.	212.5-217.5	100			
		217.5-223	50			

WESTERN MINER PRESS LTD.
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DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY CON AM RESOURCES HOLE NO. 77-14 Sheet 3/3 DD-27

LATITUDE ELEVATION BEARING DEPTH STARTED COMPLETED

DEPARTURE SECTION DIP DRILLED BY LOGGED BY

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
233.5-298	Moderately altered GRANITE. Most mafics altered to chlorite.	INTERVAL	RECOVERY			
	Traces of pyrite. Fractures still moderately rust stained.	221-222	25%			
	244.5 2" of sand recovered - looks very much like drill cuttings!	222-2275	80			
	261 4" chlorite (20%) breccia at ~15°.	2275-233	100			
	279.5-288 Chlorite (20-30%) BRECCIA. Granite fragment, angular to	233-238	65			
	subangular in chlorite matrix. No strong evidence of movement.	238-243	95			
	Frags generally 1/8-1/4", rarely up to 1".	243-244	95			
		244.5-249	95			
298	END OF HOLE.	249-253	100			
		253-257	95			
		257-262	65			
		262-267	100			
		267-273	98			
		273-278	100			
		278-283	100			
		283-288	100			
		288-293	100			
		293-295	100			

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY COMINCO RESOURCES HOLE NO. 77-15 DD-27

Sheet 1/3

LATITUDE 88+07 North ELEVATION 4963 BEARING N80E DEPTH 256 STARTED AUGUST 4/77 COMPLETED AUGUST 6/77

Core SIZE BQ/Casing BW15' RECOVERY 5-93 68.2%

DEPARTURE 280+49 East SECTION DIP -45 DRILLED BY 93-256 96.2% LOGGED BY J. MACKIE

5-256 86.4%

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
		INTERVAL	RECOVERY			
0-5	Overburden	5-8	10%			
5-60.5	ANDESITE. Very fine grained, medium grey to purplish colour, which locally has a fine spotted texture. Mafics altered to chlorite. V.f.g. secondary medium chocolate brown secondary biotite locally evident. Two-three percent disseminated pyrite; ¼-½% disseminated epidote with which pyrite is usually associated. Dominant fracturing at 55-65°. Moderate sericite alteration.	8-11	10			
		11-12	30			
		12-14.5	25			
		14.5-21	60			
		21-25	95			
		25-30	98			
	36.5 2" band of granite at 40°	30-35.5	100			
	37.5 1" " " " " 50°	35.5-41	96			
60.5-74	60.5-74 GRANITE. Leucocratic quartz (25-35%) rich rock with 2-3% v.f.g. biotite which is commonly altered to chlorite, ¼% disseminated pyrite. Top 35°, btm 60°. Contains a few Andesite inclusions up to one foot long.	41-46	95			
		46-53	95			
		53-57.5	60			
		57.5-63	85			
74-79	74-79 Light buff coloured FELSIC FLOW with 3-5%, ≤ ⅛" euhedral ortho phenocrysts in an aphanitic feldspar groundmass. V. fine bands of quartz (?) give rock very distinctive banding (or bedding?) at 30-40°.	63-67	12			
		67-72	42			
		72-76	42			
		76-82	80			
		82-87.5	90			
		87.5-93	40			

WESTERN MINER PRESS LTD.
STANDARD FORM NO. 502

CLAIM NO. DIANE (ENTRIKE)

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES HOLE NO. 77-15 DD-27

Sheet 2/3

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	BASALT DIKE?	INTERVAL	RECOVERY			
79-118	~~ANDESITE~~ FLOW? Dark green coloured, with spotted to foliated texture	93-98	96 %			
	outlined by ⅛" chlorite clots (chlorite content 20%). Lows, but persistent	98-103	90			
	disseminated pyrite (.1-.2%). Foliation at 35-45°.	103-108	96			
	92-108 Andesite contaminated GRANITE. Locally good granite over a	108-113	96			
	few feet, but more commonly intermixed granite and andesite. Traces of dissem	113-118	92			
	pyrite	118-125	83			
118-127.5	ANDESITE. Medium grained, equigranular, medium grey coloured rock	125-126	100			
	with 10% interstial chlorite, traces of disseminated pyrite. Dominant	126-132	88			
	fracturing at 70°. Top lost; btm sharp at 75°.	132-142	96			
	126 - Some chocolate brown mud recovered. Rock from 125 to 137	142-148	100			
	highly rust stained.	148-151	100			
		151-158	100			
127.5-220	GRANITE. Somewhat variable fine to medium grained, medium grey	158-168	100			
	locally pink coloured rock with 3-5% quartz, 10% biotite with low	168-178	100			
	chlorite. Dominant fracturing at 65°, lesser 20-30°. Occasional	178-188	100			
	rust coloured fracture.	188-198	100			
	161.5-166 BASALT DIKE (as 79-118) with chill margins top and	198-208	100			
	bottom @ 35°. ⅛" clots of chlorite, 3% quartz throughout	208-218	100			
	Lower chill. Foliation parallel to at 30-35°	218-227	97			

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

CLAIM NO. DIANE (EMPIRE)

DIAMOND DRILL RECORD

PROPERTY CON-AM RESOURCES HOLE NO. 77-15 DD-27

Sheet 3/3

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	Granite contains occasional pink section up to a few inches long.	INTERVAL	RECOVERY			
	These are frequently associated with fractures and suggest	227-236	98%			
	secondary K spar alteration.	236-2455	100			
	207 8" band of quartz (30%) and pink K spar (68%) with	2455-256	97			
	interstial radiating crystals of epidote.					
220-256	Arelatively coarse grained phase of GRANITE. Mottled pink,					
	black, grey, green colour — good looking building stone.					
	251 Mud seam with chip of chilled granite(?).					
256	END of HOLE.					

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. DIANE (EMPIRE) PROPERTY CON AM RESOURCES HOLE NO. 77-16 DD-27

Sheet 1/2

LATITUDE 89+55 North ELEVATION 4874 BEARING EAST DEPTH 212 STARTED AUGUST 11, 1977 COMPLETED AUGUST 14, 1977

Core Size BQ/CASING BW 14'

DEPARTURE 279+13 East SECTION DIP -60 DRILLED BY Recovery 15-43 = 68.2% 43-212 = 95.19% 15-212 = 92.0% LOGGED BY J. MACKIE

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	TO	WIDTH	ASSAYS
0-14	Overburden	INTERVAL	RECOVERY			
		14-21	67%			
14-212	Typical GRANITE. Fine to medium grained, 10-20% quartz.	21-26	100			
	15-43 Extreme rusting and surface weathering. Numerous sections are	26-31	16			
	crumbly and mafic (biotite?) has been leached. Intense fracturing	31-38	53			
	at 50°. Traces of pyrite along fractures. Drillers reported mud	38-43	100			
	at 31 feet.	43-48	100			
	74.5 4" irregular inclusion of f.g. chlorite altered dioritic	48-53	100			
	92.5 6" dike of f.g. chlorite altered, dark green dioritic. Contacts at	53-63	100			
	45°	63-68	100			
	95-105 Fg BASALT DIKE. Dark green colour with some chlorite	68-69	100			
	alteration. 1/8" 1/2% disseminated pyrite. Contacts drilled	69-71	100			
	at 15°.	71-73	80			
	121.5-124.5 Variably bleached BASALT DIKE with fine disseminated	73-75	87			
	traces of pyrite. Contacts at 60-65° to core axis	75-80	96			
	130-140 BASALT DIKE as before. Top contact bottom contact	80-85	84			
	brown grey at 70°	85-90	100			
	110-117 Fg basalt. Fine grained inclusion free of	90-120	100			
	pyrite. Contacts sharp at 50° (top) & 70° (bottom)	120-130	98			

CLAIM NO. DIANE (EMPIRE)

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES HOLE NO. 77-16

Sheet 2/2

DD-27

LATITUDE ..... ELEVATION ..... BEARING ..... DEPTH ..... STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP ..... DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	TO	WIDTH	ASSAYS			
	156-193.5 BASALT DIKE. Dark green, v.f.g. with 3-5% v.f.g feldspar phenocrysts (altered to epidote) and 10% chlorite clots up to 1/8". Traces of pyrite. Contacts lost. Dominant fracturing at 20° & 60°.	INTERVAL	RECOVERY						
		130-140	89%						
		140-148	93						
		148-156	100						
		156-166	100						
212	END OF HOLE.	166-175	96						
		175-180	80						
		180-188	100						
		188-1975	85						
		1975-207	100						
		207-212	100						

DIAMOND DRILL RECORD

CLAIM NO. DIANE (SUSAN) | PROPERTY CON AM RESOURCES | HOLE NO. 77-17 | DD-27 | Sheet 1/2

LATITUDE 77+21 North | ELEVATION 4,979 | BEARING S30 W | DEPTH 192 | STARTED AUGUST 18/77 | COMPLETED AUGUST 21/77

Core size: BQ/Casing: NW 8'; BW 17' | Recovery: 10-192 = 65.1 %

DEPARTURE 285+67 East | SECTION — | DIP — 45 | DRILLED BY | LOGGED BY J. MACKIE

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
0-10	Overburden	INTERVAL	RECOVERY			
		16-23	28%			
16-192	GRANITE. Classic medium grained granite, 20% quartz, locally up to 40%, 40-80% pink K spar with occasional phenocrysts to 1/8"; 1-3% biotite, with is either leached or rusted; 1% disseminated hematite (after magnetite). Dominant fracturing at 35° and 70°. Intense iron staining with minor manganese staining.	23-30	23			
		30-43	0			
		43-51	56			
		51-56	80			
		56-60	100			
		60-63	100			
	27 3-1/2" quartz veinlets at 45°; barren; up to 1% disseminated pyrite from 25 to 29'	63-65	65			
		65-72	70			
	30-43 No recovery. Sand washed away by drill water.	72-74	60			
	68 8" of pink colored aplite. Low disseminated fg. pyrite. Apparent contact at ~20°.	74-80	88			
		80-85	66			
	83 Fault? A few 1/2" chips covered by buff clay.	85-88	73			
	126 One foot of healed fault gouge - more or less rearranged granite. Apparent angle of 45° core = 5 is seriately chlorite altered to pale grey colour. Chlorite also evident on fractures at 30 & 60°	88-92	75			
		92-99	61			
		99-102	90			
		102-105	80			
		105-108	27			
		108-112	83			

CLAIM NO. DIANE (SUSAN)

DIAMOND DRILL RECORD

PROPERTY CON AM RESOURCES HOLE NO. 77-17

Sheet 2/2 DD-27

LATITUDE ..... ELEVATION ..... BEARING S40W DEPTH 192 STARTED ..... COMPLETED .....

DEPARTURE ..... SECTION ..... DIP -45 DRILLED BY ..... LOGGED BY .....

DEPTH FEET	FORMATION	~~SAMPLE NO.~~	~~FROM~~	TO	WIDTH	ASSAYS			
		INTERVAL	RECOVERY						
	147 & 149 One foot dikes of feldspar porphyry. About 3-5%	112-116	50%						
	1/16-1/8" feldspar phenocrysts in a v.f.g. dense feldspathic	116-117	20						
	matrix. Matrix coloured (rust stained) brick red colour.	117-122	70						
	Apparent contacts at 45°.	122-130	74						
	170-182 Possible fault zone. Many pieces of rock are sand	130-140.5	72						
	and clay covered Increased rust staining.	140.5-145	87						
	170-173 Granite has been finely brecciated then self	145-153	85						
	healed by chlorite.	153-159	97						
	180 Drillers report mud. A 4" piece of feldspar	159-160	90						
	porphyry as 147 was recovered here.	160-170	88						
	177 3" of sandy gouge at 50°.	170-178	86						
192	END of HOLE.	178-182	63						
		182-188	83						
		188-192	80						