010

**Diamond Drilling** 

Area of Pays Plat Lake

Report Nº 10

Work performed by: Zenmac Metal Mines Ltd.

	Claim Nº	Hole NQ	Footage	Date	Note
	TB 42277 0	49	547 1	Aug/52	
	TB 42155 b	80 81	556.3' 745'	Feb/53 Mar/53	
	TB 42159 (	83	546.5'	Mar/53	
	TB 42157 d	92	6031	May/53	
(a)	TB 42624	98	3951	June/53	
	TB 88531	1-59 2-59	101' 6" 100' 4"	Oct/59 Oct/59	
	TB 88532	3-59 4-59	101' 2" 101' 8"	Oct/59 - Oct/59	
(p)	TB 111055 (	W-1 W-2	300' 420'	Nov/65 Nov/65	
(c)	TB 111059	A-1 A-2	300' 423'	Nov/65 Nov/65	
	TB 102808	104 105	181' 532'	Nov/65 Dec/65	
	TB 102813	1	502'	Nov/66	
	TB 102817	2	502'	Nov/66	
		<b>%</b> .			

19577

Notes:

#### **Diamond Drilling**

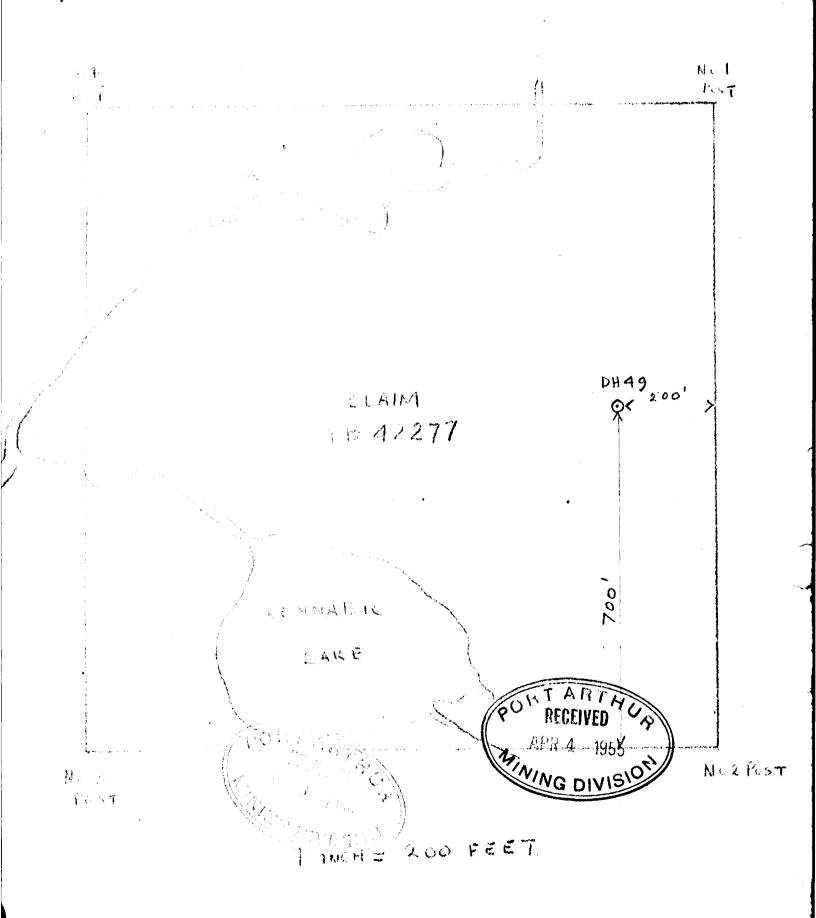
Area of Pays Plat Lake

Report NO 10

Work performed by: Zenmac Metal Mines Ltd.

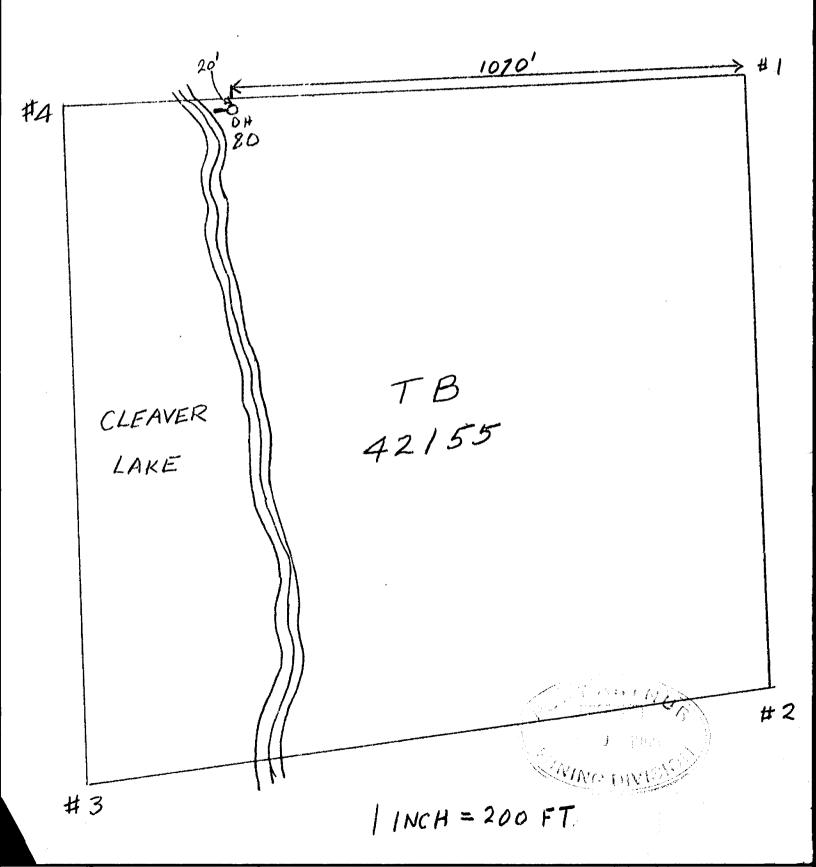
	Claim Nº	Hole NQ	Footage	Date	Note
(b)	TB 111031	108 113 114	347' 185' 206.5'	Nov/66 Jan/67 Jan/67	
(e)	TB 111032	109	3491	Nov/66	
(a)	TB 111030	110 111 112	252' 363' 151'	Dec/66 Dec/66 Jan/67	
(f)	тв 111052	139	351'	Mar/67	
(g)	TB 111054	140	252†	Mar/67	
		14 m	94142		

Notes:



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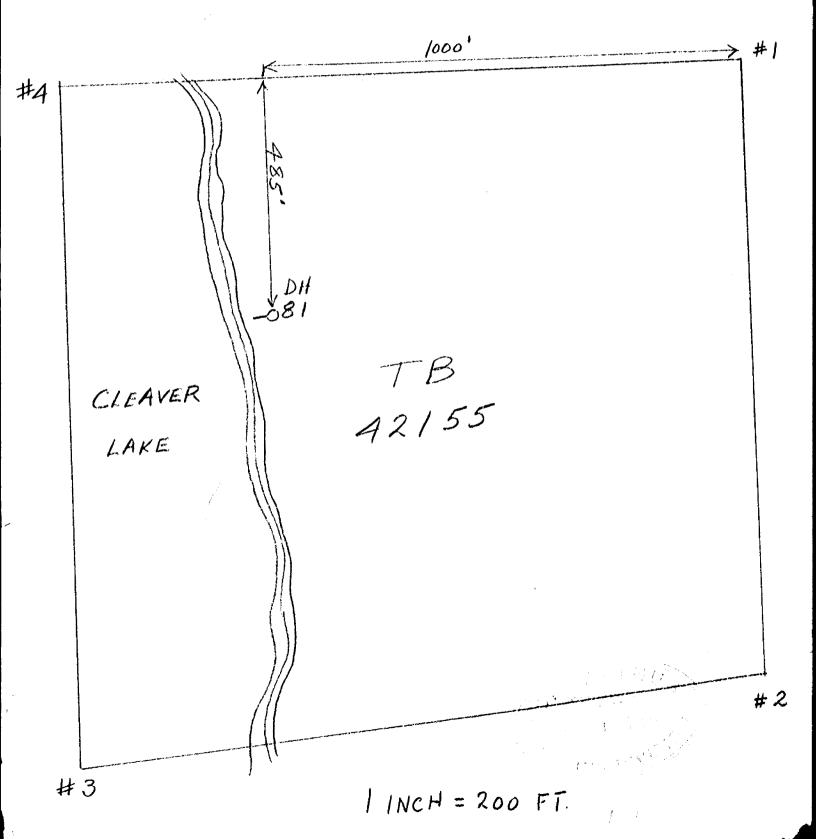
LOGGED BY: C.S. Johnston



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LOGGED BY: M. Ogden



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LOGGED BY: M. Ogden

640ft-DH.83 #A TB 42159 CLEAVER LAKE #2 #3

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LOGGED BY: M.Ogdon.

DH 92 #4 TB 42157 # 3

/ INCH = 200 FEET

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417	terran a propositi i a secritoralmino	and the state of the	ntae	t g	oda	hone	L.	
438.5		· ····································	Je					
141.5	• • • • • • • • • • • • • • • • • • • •	Pegnalite.		,	p			
142.5	483	gren dioute - fa	sec-	- 6	oaus	e hor	n es	dite
1192		for 7 ft at 458.					erreragoankraletenetha	
183	535	Gastro diorità		, . ,	1		isstern er er elsgegende elde	
535	603	Fush dionto		17.	ا الله الله الله الله الله الله الله ال			
						<u> </u>		
		LOGGE	BY:	M. 6	Ogd	en.	ئى <del>نىدىدىنىنىنىدىدىد</del> ىد	<del>ii in mart</del>
		·			•			

POYS PINT LAKE AREA MUSSIV PROPERTY: ANDOWAN MINES - WINSTON LAKE HOLE NUMBER: 98 100 ON: NE wrner Claim 7 42624 SHEET NUMBER: DATE STARTED: June 15,53 ELEVATION OF COLLAR: BEARING: 5 W DATE COMPLETED: June 19, 53 45 600 TOTAL LENGTH: 395 DIP; SAMPLES ASSAYS FROM TO GEOLOGY NO. LENGTH Coasing Diorite gness-35,0 40.0 1 mia gness 35.0 40 mica school few specks 61.0 lost core 61 62.5 62.5 fine grained greenstone, epis 73.5 mica schist 73.5 102 diorite - medium grained 102 115 Musa Schist much use lost. 115 271 of chalcopyrite at 153 280 divité greiss - medium gran 277 280 muco grees + sches 395 mud seam and quart slunger 3" quants with yplant of chales - 353-354- fair showing of chalcopyrite End of hole 395

LOGGED BY:

OF ZENIMAC SAME HOLES 1989 Down LAKE TASPERTY

TB 83531

01-59

02-59

03-57

04-59

TH 88532

SCALE / INCH = 200 FEET

Sheet 1

# DIAMOND DRILL LOG

118 8853162

PERTY:Zenmac Metal Mines Low Yes

HOLE NUMBER: 1 - 59

Corrected

TOCATION: Aprox. 11 miles north of Rossport Big Duck Lake Area.

**DIP TESTS** 

Reading

No. 3 post of T.B. 88531

DipAertical

Footage

Departure:

Depth101 ft. 6".

Elevation:

Commenced:October 9, 1959

Azimuth:

Finished: October 14, 1959

Logged by: 1. Halonon

AMPLE UMBER			
	0 - 12'8" 12'8" - 12'8" - 18'10" 18'10" - 29' 29' - 47' 47' - 51' 51' - 60' 60' - 101'	diorite course texture.  narrow quartz stringer 1".  diorite coarse texture.  Diorite fine grained.  diorite coarse with large hornblende crystals.  diorite coarse crystals diorite fine grained "andesite".  diorite coarse grained with harrow quartz stringers at 40 degrees to core, core lightens in colour at depth. fine grained diorite to end of hole.	
	Core loca 50' east of 2 emmae	aled in boyse. I door to calle	

PERTYZenmac Metal Mines Limited

HOLE NUMBER:2, 59.

tOCATION: Aprox. 11 miles north of Rossport, Big Duck Lake Area

**DIP TESTS** 

Latitude:220 | E-54 | N of No. 3

Footage

Reading

Corrected

post of TB88531. Departure:

Depth:1001 4"

Dip:Vertical

Elevation:

CommencedOctober 10, 1959.

Azimuth:

Finished:October 18, 1959.

logged by: John Halonen

SAMPLE NUMBER	-	DESCRIPTION	
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	dark andesite. light andesite. dark andesite. light andesite with quartz stringers parraleling core. dark andesite with minute particles of magnetite and small stringers of iron pyrite.	
	41 100.4.	light andesite slightly more dioritic fractures at 45 degrees to core.	
	Con de	ocated in boyen of door to cabe	are
	<b>C</b> .		
		John E.	Lalonin

Sheet 1

#### DIAMOND DRILL LOG

PERTY: Zenmac Metal Mines Limited

HOLE NUMBER: 4, 1959

LOCATION: Approz. Il miles north of Rossport, Big Duck Lake Area.

**DIP TESTS** 

Latitude: 330 S-102 E of No.4 Dip: Vertical post of TB88532

Footage Reading

Corrected

Departure:

Depth: 101 18"

Elevation:

Commenced:October 22, 1959

Azimuth:

Finished: October 26, 1959.

Logged by: John Halonen

SAMPLE NUMBER		DESCRIPTION	-		
	0! - 34! $0! - 4!2!!$	this section lightly mineralized with pyrite. light grey sedimentary rock very siliceous "hard".			
	$4^{1}2^{11} - 2^{1}5^{11}$ $4^{1}5^{11} - 21^{1}$ $21^{1} - 34^{1}$ $34^{1} - 51^{1}$	band of dark andesite. quartz vein with pyrite grey siliceous sediments. dark andesite slightly porphyritic.			
	51' - 101'8"	light grey andesite "soft" cut by several narrow quartz stringers.			
	Osic loc	exelect in boyer		u t	
	50' enst	from door to can	aen		
				م مرسعه م	
		John E K	talo	nerc	

Sheet 1

PERTY: Zenmac Metal Hines Limited

HOLE NUMBER: 3-59

LOCATION: Approx. 11 miles north of Rossport Big Duck Lake Area.

**DIP TESTS** 

Latitude: 170E-1425 of No. 4

Dip: Vertical

post of T.B. 88532

Footage

Reading Corrected

Departure:

Depth: 101'2"

Elevation:

Commenced: October 19, 1959

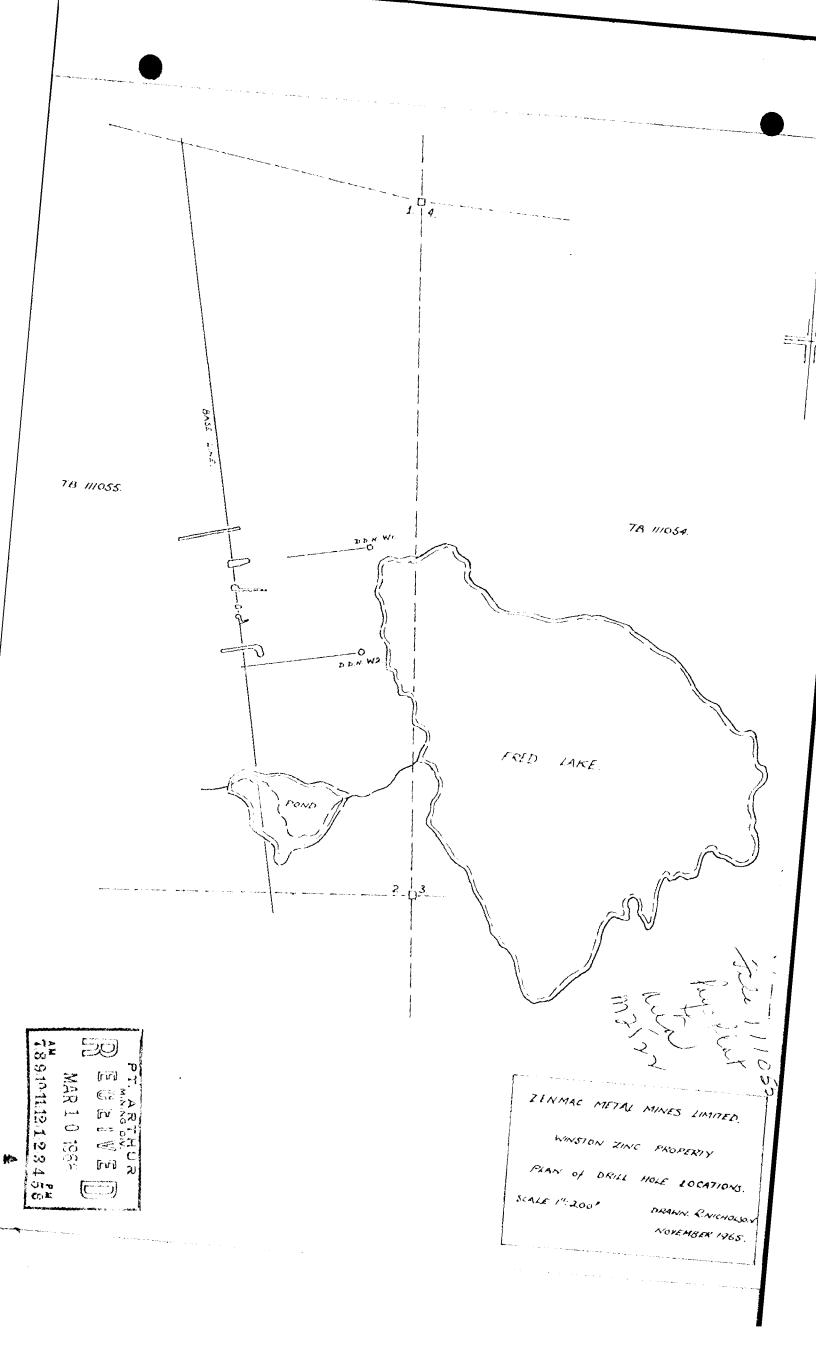
Azimuth:

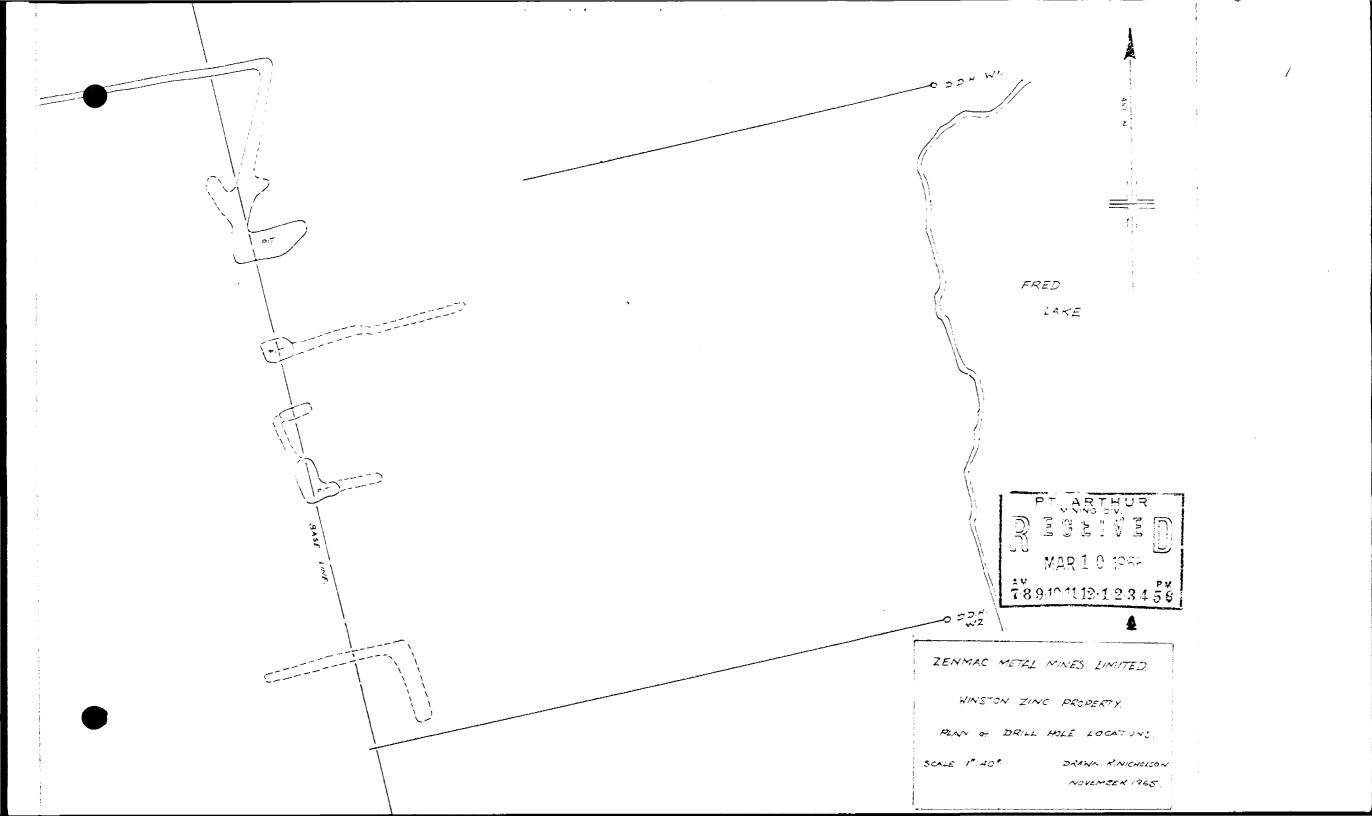
Finished: October 22, 1959.

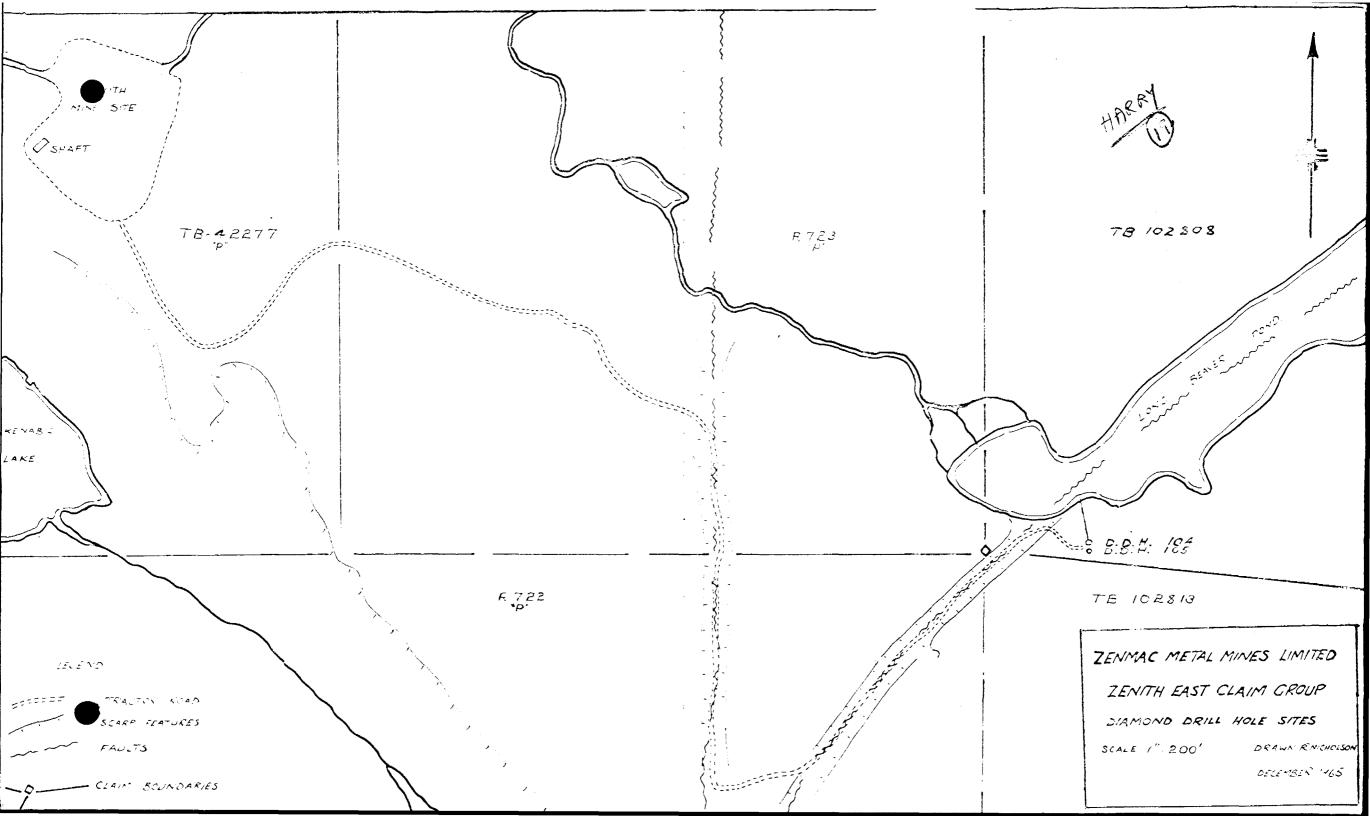
Logged by: John Halonen

SAMPLE NUMBER		DESCRIPTION			
	0 - 101'2"	light grey soft andesite cut by several narrow quartz stringers natural partings are at 50 degrees to core.			
	Con la	eated in loyer			,
	in front mines.	of main camp on	abir	nma	
		John E Hat	ones	e-	

HALET, BROADHURST & OGDEN







· Juliosy Payallal Y. Well MADELL LOG

ZENMAC METAL MINES LIMITED - ANDERSON COPPER

HOLE NUMBER:

LOCATION:

WINSTON LAKE, PAYS PLAT LAKE AREA, ONTARIO

N. E. CORNER OF CLAIM TB-111059

**DIP TESTS** 

Latitude:

Dip: 600

Footage

Reading

O SEE MAPS.

3001

150

Corrected

Departure:

Depth:

300

60° 60°

**Elevation:** 

Commenced: NOVEMBER 16, 1965

	300 <sup>0</sup>	Finished: NOVEMBER 18, 1965 Logged by: R. NIC		
SAMPLE NUMBER		DESCRIPTION INTERSECTION	ANGLE	DEPTH
	0.0- 20.01	Overburden	54 54 53 61 45 70	
	20.0- 55.00	QUARTZ-MICA QUEISS. FINE TO MEDIUM GRAIN, WITH SLIGHT TEXTURAL VARIATION CONTINUOUS THROUGHOUT,	80	55
		COMPACT, UNIFORM HID-GREY, WITH MARKED GNEIBSOSITY	. 51	47
		LOCAL MINOR QUARTZ VEINING.		53
	50.0-65.01	GNEISS, SLIGHTLY MORE SILICEOUS THAN ABOVE, WITH LOCAL DEVELOPMENTS OF A DISSEMINATED FINELY GRANULAR BRICK-RED MINERAL, PROBABLY FELDSPAR. SOME MINOR FRACTURING, WITH DEVELOPMENT OF CHLORITE AT 60°.	-	
	65.0~ 74.01	SANDSTONE, MICACEOUS, MEDIUM GRAINED, MASSIVE, CONTAINING VARIED PROPORTIONS (TO 30%) OF RED FELDSPAR, APPARENTLY OF SECONDARY ORIGIN. MINOR	54	77
		QUARTZ VEINING PARALLEL TO CORE AXIS CIRCA 701.		
	74.0-135.01	QUARTZ MICA GNEIBS, FINE TO MEDIUM GRAIN, WITH		10
		TEXTURE VARYING SLIGHTLY THROUGHOUT. UNIFORM MID- GREY, WITH MARKED GNEISSOSITY. NUMEROUS THIN PELITIC BANDS, FREQUENTLY WITH ASSOCIATED MINOR QUARTZ VEINING, CONTAINS COARSE GRAINED DEVELOPMENTS OF MICA AND CHLORITE.	61	12
	135.0-140.01	GNEISS, AS ABOVE, FRACTURED OBLIQUE TO GNEISSOSITY	45	13
		RED FELDSPAR DEVELOPED LOCALLY AS DISSEMINATED FINE CRYSTALS.		13
	140.0-148.01	GNEISS, AS ABOVE, WITH FRACTURING AND FELDSPAR DEVELOPMENT LESS PRONOUNCED.	(FRA	CTURIN
	148.0-156.51	GNEISS. FINE GRAINED, MID GREY, WITH SLIGHT GNEISSOSITY. 3 MM SEAM OF PYRITE AT 1541.	74	15
	156.6-160.01	APLITE VEIN. MEDIUM - COARSE GRAIN QUARTZ-FELDSPAR ROCK, PRESERVING RELICT STRUCTURE OF HOST ROCK.		
	160.0-165.01	QUARTZ-MICA GNEISS, FINE GRAINED, MID- GREY, WITH SLIGHT GNEISSOSITY. ONE-INCH SEAMS CIRCA 165° CONTAIN CONCENTRATIONS OF SUBHEDRAL GARNETS.	74	16
	165.0-182.01	GHEIBS, QUARTZ-MICA-GARNET, MID-GREY, UNIFORM TEXTURE WITH BLIGHT GNEISBOSITY.	70	17
	182.0-185.01	QUARTZ-HICA GNEISS, COARSE GRAIN, VARIEGATED BLACK AND WHITE, WITH HICRO-AUGEN TEXTURE.		
re de la company		QUARTZ-MICA GNEISS, MEDIUM GRAINED GREY. TEXTURE VARIES SLIGHTLY THROUGHOUT, WITH MICAS LOCALLY	70 73	19
		COARSE. MINOR PYRIES, CHALCOPYRITE (UNDER .5%) DISSEMINATED IN GNEISSOSITY AT 1917, 194-199.57.	. +	
1 () 10:		SILICEOUS BAND, WITH CHLORITIC INTERBANDING, CONTAINING ONE THIN (2MM) SEAM CHALCOPYRITE.		

SAMPLE BER		DESCRIPTION INTERSECTION	ANGLE	DEPTH
	213.7-221.81	GNEISS, MEDIUM COARSE GRAIN, WITH VARIED TEXTURE, MID GREY. MINOR DISSEMINATED PYRITE, CHALCO-PYRITE 215-216, 219-220. THIN SEAMS (2MM)		
	221.8-223.01	SULPHIDE 220-220.5.  ARGILLITE, BROWN, FINE GRAINED, LAMINATED, WITH THIN SEAMS PYRRHOTITE CHALCOPYRITE (.5% SULPHIDE) QUARTZ-MICA GNEISS, WITH PYRRHOTITE, CHALCOPYRITE DISSEMINATED THROUGHOUT. SULPHIDE ALSO OCCURS IN		223
	223.0-225.01	THIN, MASSIVE SEAMS.  QUARTZ-MICA GNEISS. MEDIUM - COARSE GRAIN,  VARIEGATED BROWN - WHITE.		
	225.0-230.21	Mica-chlorite schist. Fine grained, brown rock Laminated, with green (chloritic) interbands, Minor pyrite, pyrrhotite and chalcopyrite finely distributed throughout, principally as thin seams following the schistosity. 4" seam of more massive pyrrhotite occurs 229.4-229.8".	80	228
	230.2-231.01 231.0-247.01	GRANITE SEAM. DARK BIOTITE GRANITE, DISCORDANT QUARTZ-MICA-GARNET GNEISS, MEDIUM GRAINED, WITH COLOUR AND TEXTURE VARYING SLIGHTLY THROUGHOUT. GARNETS FORM ABOUT 10% OF ROCK, UNEVENLY DISTRIBUTED, MINOR DIBSEMINATED PYRITE, CHALCO-PYRITE OCCUR 231-235, 242-247 (FORM LESS THAN	69 58	238 244
	247.0-248.5° 248.5-270.0°	0.5% of rook. 2MM BEAM MABBIVE BULPHIDE AT 236%. QUARTZ-HICA GNEISS. FINE GRAINED, GREY. QUARTZ-HICA-GARNET GNEISS, FINE GRAINED MEDIUM-DARK GREY. GARNETS FORM 15-20% OF ROCK, OCCURRING AS DISCRETE SUBHEDRAL CRYSTALS UP TO 1 CM. ACROSS, AND IN GRANULAR AGGREGATES. MINOR PYRITE AND PYRRHOTITE OCCUR IN THIN SEAMS FOLLOWING GNEISSOSITY 250-255%. "GRANITE" GNEISS. QUARTZ-FELDSPAR-MICA ROCK, FINE	73 73	253 263
	273.0-276.5	TO MEDIUM GRAIN. PYRITE FORMED IN THIN OBLIQUE FRACTURES AT 273%.  QUARTZ-BIOTITE GNEISS, GREY, FINE GRAINED.	70	274
293.5-29	276.5-290.0 <sup>1</sup> 290.0-292.0 <sup>1</sup> 292.0-293.5 <sup>1</sup> 34.5 <sup>1</sup> 294.5-300.0 <sup>1</sup>	SCATTERED MINOR PYRITE.  GRANITE GNEISS, MEDIUM GRAINED, GREY-PINK.  APLITE DYKE.  GRANITE GNEISS, AS ABOVE.  QUARTZ-HICA GNEISS. GREY.  GRANITE GNEISS, WITH HINOR APLITE SEAMS.		
	300.0	END OF HOLE.		
	ARTHUR (I)			
	1020123456			

PERTY: ZENMAC METAL MINES LIMITED - ANDERSON COPPER

HOLE NUMBER: A-2

WINSTON LAKE, PAYS PLAT LAKE AREA, ONTARIO. LOCATION:

N. E. CORNER OF CLAIM TB-111059

**DIP TESTS** 

Latitude:

SEE MAPS.

600 Dip:

Footage

Reading Corrected

Departure:

Depth: 4231

60° 2001

400

630

**Elevation:** 

Azimuth:

300°

Finished:

Commenced: NOVEMBER 21, 1965

NOVEMBER 24, 1965

Logged by: R. NICHOLSON

NUMBER		DESCRIPTION INTERSECTION	ANGLE	DEPT
	0.0- 2.0	Overburden		
	2.0- 7.01	QUARTZ-BIOTITE-GARNET GNEISS. FINE GRAINED,		
		GREY-GREEN ROCK, WITH HIGH SILICA CONTENT. GARNET	8.	
j		WITH GRAIN BIZE UP TO 1 MM FORM 5-15% OF ROCK.	•	
	7.0- 18.01	QUARTZ-BIOTITE GNEISS. FINE GRAINED, MID-GREY	44	14
		COMPACT ROCK, WITH MARKED GHEISBOSITY, COMPOSED		
		OF APPROXIMATELY EQUAL PROPORTIONS QUARTZ AND		
		HICA. MINOR QUANTITIES SECONDARY RED FELDSPAR		
		INTRODUCED INTO AN ALTERATION ZONE, 71-91.		
	18.0- 26.01	QUARTZ-BIOTITE-CHLORITE-GARNET SCHIST. VARIEGATED		
		PALE GREY-GREEN ROCKB, WITH QNEISSOSITY MARKED		
		PRINCIPALLY BY THE FINE SEGREGATION OF DIFFERENT		
		MINERALS. MEDIUM-COARSE GRAIN, WITH GARNETS UP		
	44 6 000 00	TO 3 MM. ACROSS FORMING ABOUT 15% OF THE WHOLE.		
	26.0- 27.51	BRECCIATED ZONE IN GNEISS, WITH QUARTZ INVASION.		
	27.5- 34.01	QUARTZ-HICA GNEISS, PALE GREY-GREEN COLCUR	69	33
		MEDIUM GRAINED. THE ROCK IS EXTENSIVELY FRACTURED		
		AND VEINED WITH QUARTZ AND APLITE. SECONDARY RED FELDSPAR OCCURS AS INTERSTITIAL GRAINS, AND IN		
		THE QUARTZ APLITE VEINS.		
	34.0- 42.51	QUARTZ-BIOTITE-GARNET GHEISS. GREY-GREEN, FINE-		
		MEDIUM GRAINED ROCK, WITH FAINT QUEISSOSITY.		
		GARNET, UP TO 2 MM ACROSS, FORM ABOUT 10%.		
	42.5- 43.51	QUARTY-BIOTITE QUEISS, FINE GRAINED, PALE GREY	64	43
		ROCK, WITH THIN ( MM.) TABULAR SEGREGATIONS		
		BIOTITE LYING PARALLEL TO THE GNEISBOSITY.		
	43.5-45.01	QUARTZ-BIOTITE-CARNET GNC 188. GREY-GREEN, FINE-		
	AU 0 50 03	MEDIUM GRAINED.	4.0	~ 1
ļ	45.0- 57.01	QUARTZ-BIOTITE-GARNET GNEISS, PALE GREY-GREEN	40	51
		FINE-MEDIUM GRAIN. PELITIC BAND 50-521 SHOWS		
		STRONG DEVELOPMENT OF COARSE MICAS, IN SEAMS UP TO I OM. WIDE.		
	57.0- 67.51	QUARTZ-HICA GHEISS. FINE GRAINED, HID GREY		
		COMPACT, PARTLY BILICIFIED, WITH MINOR SECONDARY		
ART	The state of the s	RED FELDSPAR. QUARTZ-FELDSPAR VEIN 64-64.61.		
trechects for	67.5 70.5	APLITE. VARIEGATED RED-WHITE QUARTZ FELDSPAR		
		ROCK. SUBHEDRAL.		
	70.54 75.01	QUARTZ-NICA GNEISS, FINE GRAINED, COMPACT,		
R 1 0		SILICIFIED HID-GREY ROCK. NO APPARENT FOLIATION.		
45 411 4	75.0m B5.01	QUARTZ-NICA GHEISS, FINE TO MEDIUM GRAIN, MID-	50	89
	2.8.4.5.6	GREY. VARIEGATED APPEARANCE ACCENTUATES BLIGHT		
	6	QNE 18608 ITY.		

SAMPLE BER		DESCRIPTION INTERSECTION	ANGLE	DEPTH
	85.0-109.01	QUARTZ-MICA GNEISS. FINE TO MEDIUM GRAIN MID- GREY-GREEN' ROCK, GENERALLY MASSIVE WITH LOCAL	40	105
		FRACTURING, APLITE SEAMS 93-941, 1091.		1
	109.0-112.01	QUARTE-MICA GHEISS. MEDIUM COARSE GRAIN, PALE GREY, SILICEOUS.		
	112.0-122.81	QUARTZ-MICA GNEISS, MID GREY-GREEN, MEDIUM GRAINED, WITH LOCAL MINOR QUARTZ VEINING.		
	122.8-138.51	GRANITE, MEDIUM GRAINED, VARIEGATED GREY	62	130
	138,5-155,41	QUARTZ-MICA GHEISS, FINEOMEDIUM GRAIN, DARK GREY, WITH MODERATELY STRONG FOLIATION. LOCAL PELITIC BANDS WITH CHLORITE CIRCA 146°. MINOR GRANITE SEAMS (TO 6") DISTRIBUTED THROUGHOUT.		
	155,4-158,01	GRANITE, MEDIUM GRAINED, GREY.		
	158.0-186.01	GHEISS, FINE-MEDIUM GRAIN, DARK, COMPACT. PELITIC SEAM WITH COARBE MICA, CHLORITE 171.6- 172.01.	71 36	167
	186.0-212.01	QUARTZ-MICA GNEISS, MEDIUM-FINE GRAIN, PALE, GREEN-GREY, WITH SECONDARY RED FELDSPAR DEVELOPED	68	189
	212,0-237,01	ADJACENT TO FRACTURE PLANES THROUGHOUT. MINOR QUARTZ VEINS 186-188. APLITE VEIN 191-192.5. QUARTZ-MICA GNEISS, MEDIUM-COARSE GRAIN, PALE	71	200
		grey, with coarsely micaceous dark bands up to $\frac{1}{2}$ " wide at intervals of 2-6", granite seam 213.5-215".	80	231
	237.0-240.01	QUARTZ-BIOTITE GNEISS, COARSE GRAINED UNIFORM VARIEGATED GREY BROWN COLOUR, WITH MINOR FINELY	69	238
	240.0-244.0	DISSEMINATED PYRITE.  MICACEGUS SANDSTONE, PALE GREY, UNIFORM GRANULAR  TEXTURE, FAIHT GNEISSOSITY. FINELY DISSEMINATED  MINOR PYRITE THROUGHOUT.	80	242
	244.0-245.01	GRANITE, GREY, FINE GRAINED.		
	245.0-246.5	MICA GNEISS, FINE GRAINED, UNIFORM, COMPACT, DARK GREY, WITH MINOR PYRITE.		
	246.5-269.21	QUARTZ-BIOTITE GHEISB. COARSE GRAINED UNIFORM	78	248
-	: 4080 LOJEL	VARIEGATED BROWN-GREY ROCK WITH MARKED GNEIBSOSITY. FINELY DISSEMINATED PYRITE (1%)	80	262
	<b>→</b>	THROUGHOUT. MINOR CHALCOPYRITE 267-2691.	1	
	269.2-269,71	GNEISS, WITH MASSIVE PYRITE, PYRRHOTITE, HINOR CHALCOPYRITE.	68	273
	269.7-271.0	QUARTZ-DIOTITE GNEISS, COARSE GRAINED, UNIFORM VARIEGATED BROWN-GREY, WITH DISSEMINATED PYRITE (TO 5%).		
	271.0-272.01	BRECCIATED ZONE, WITH QUARTZ INVASION.		
	272.0-285.41	QUARTZ-HICA GNEIBS, MEDIUM-COARSE GRAIN, VARIEGATED GREY-BROWN. FEW SMALL GARNETS, 1% PYRITE DISSEMINATED AND IN THIN SEAMS.	80	282
	285.4-294.6	QUARTZ-BIOTITE-GARNET GNEISS. MEDIUM COARSE GRAI VARIEGATED BROWN-GREY-PINK. GARNETS, UP TO 5 MM. ACROSS, FORM 30% OF ROCK. PYRITE (1%) OCCURS FINELY DISSEMINATED AND IN THIN SEAMS, INCREASING TO 10% IN LOWEST 2-3".		
	294,6-302.0	QUARTZ-MICA GNEISS, FINE GRAINED, MID-GREY, EVEN TEXTURED.	73	297

SAMPLE VER		DESCRIPTION INTERSECTION	ANGLE 84	<b>ДЕРТН</b>
	302.0-340.0	GRANITE GNEISS. FINE-MEDIUM GRAIN, PINK-GREY, GNEISSOSITY WELL DEFINED. MINOR QUARTZ AND APLITE VEINING THROUGHOUT.	90	325
	340.0-343.01	BIOTITE-QUARTZ GNEISS. FINE-MEDIUM GRAINED, COMPACT, DARK GREY.		
	343.0-423.0	GRANITE CHEISS, MEDIUM GRAINED, WITH NUMEROUS QUARTZ AND APLITE VEINS, THIN RELICT SEAMS MICA GNEISS 410-420°, WITH MINOR PYRITE	69 63 70	350 373 410
	423.01	END OF HOLE.		

ERTY:	ZENMAC METAL MIN	ES LIMITED - WINSTON ZINC	ŀ	HOLE NUMBER: W	-1
LOCATION:		PLAT LAKE AREA, ONTARIO		DIP TESTS	
Latitude:	CLAIM #111055	Dip: 55 <sup>0</sup>	Footage	Reading	Corrected
Departure:	) SEE MAPS	Depth: 300*	150 300	56 <b>°</b> 58°	
Elevation:	•	Commenced: NOVEMBER 2, 1965	300	30	
Azimuth:	257 <sup>0</sup>	Finished: NOVEMBER 4, 1965	Logged by:	R. Nicholson	
SAMPLE		DESCRIPTION			

		Finished: NOVEMBER 4, 1965 Logged by: R. Ni		
SAMPLE NUMBER		DESCRIPTION		
	0.0~ 5.5	Overburden, organic matter.		
	5.5- 26.01	QUARTZ-GARNET-HICA SCHIST. FINE TO MEDIUM GRAIN		
		HID GREY ROCK, WITH ALTERNATING QUARTZ AND MICA-		
		RICH BANDS UP TO 5 MM. WIDE. GARNETS OCCUR AB'		
		DISCRETE SUBHEDRAL CRYSTALS UP TO 1 CM. ACROSS,		
		AND IN AGGREGATES OF FINE ANHEDRAL GRAINS; FORM		
		20% of rock. Local quartz veins occur concordant		
		WITH SCHISTOSITY.		
	26.0- 27.01	QUARTZ MICA SCHIST, WITH QUARTZ VEIN.		
	27.0-31.01	QUARTZ-MICA-GARNET BCHIST. GARNETS FORM ABOUT		
		10% of rock.		
	31.0- 36.01	QUARTZ-MICA GNEISS, PALE GREY MEDIUM GRAIN		
		COMPACT ROCK. NORMAL QUARTZ VEIN AT 31.5° CUT BY		
		TRANSVERSE SHEARS, WITH EPIDOTE DEVELOPED IN		
		QUARTZ. FELDSPAR PORPHYROBLASTS ( 2MM) DEVELOPED		
		32.5-33.0. Thin quartz-pyrite vein at 32.71.		
	36.0- 41.01	QUARTZ GARNET MICA SCHIST. HIGH QUARTZ CONTENT		
	1	(70%). GARNETS FORM 68%.		
	41.0- 51.01	QUARTZ NICA GNEISS. FINE - MEDIUM GRAINED PALE		
		GREY COMPACT ROCK, BANDED. HIGH SILICA CONTENT.		
	51.0- 57.01	QUARTZ - MICA - CHLORITE SCHIST. MEDIUM GRAIN		
		GREY-GREEN ARGILLACEOUS ROCK, SHEAR PLANES		
		WARPED. AGGREGATES OF FINE GRAINED RED FELDSPAR		
		DEVELOPED LOCALLY IN SHEARS.		
	57.0- 73.01	QUARTZ-HICA GNEISS, MEDIUN GRAIN GREY ROCK WITH		
		SLIGHT VARIATION IN BILICA-MICA RATION THROUGHOUT.		
		MINOR LOCAL DEVELOPMENTS OF SMALL FELDSPAR GRAINS.		
		SPARSE SUBHEDRAL GARNETS (TO 5 MM. DIAMETER)		
		701 - 721.		
	73.0- 91.01	MICACCEOUS QUARTZITE, MEDIUM GRANNED, PALE GREY,		
		BANDED. SPARSE GARNETS AT 741, 84-861, 891.	117	Sandan ya iliya Marakan ya iliya
	91.0- 93.01	BIOTITE-QUARTZ-CHLORITE BCHIST. MOTTLED GREY-	S. M. N.S	RTH NG DIV.
		BREEN ROCK, WITHOUT COHERENT STRUCTURE.	沙直侧	k I W
	93.0- 98.01	QUARTZ MICA GNEISS.		, t: (1
	98.0-118.01	MICACEOUS QUARTZITE. MEDIUM GRAINED GREY AND	植為权	100
		WHITE BANDED ROCK WITH CARN'TS AT 1134.	松	
	118.0-127.01		8.9,10.21	19.4.9.
		HEDIUM GRAIN, MASSIVE.	an reaction of the second	**********
	127.0-129.51	CHLORITE-MICA SCHIST, MASSIVE, FINE GRAINED,		4
		GREEN-GREY.		
	129.5-133.51	Mica gneiss, dark, fine grained, massive.		

PLE BER		DESCRÍPTION	
	133.5-161.01	QUARTZ-MICA QUEISS. MEDIUM GRAINED, BANDED GREY	
	10010-10110	ROCK. PELITIC BANDS AT 1381, 1431 SHOW SLIGHT	
		· · · · · · · · · · · · · · · · · · ·	į
		WARPING. SPARSE GARNETS IN NARROW BEAM AT 1481.	1
ĺ	,	ROCK BECOMES MORE SILICEOUS, WITH PRONOUNCED	
		BANDING, BELOW 1501.	
	161.0-166.01	BIOTITE-QUARTE SCHIST, COARSE GRAINED DARK ROCK,	
		WITH LAMINAE SLIGHTLY WARPED. LOCAL MINOR	İ
		QUARTZ VEINS.	1
	166,0-176.0	Micaceous quartzite. Pale grey, Banded Rock,	
		FRACTURED AND BILLICIFIED FROM 166.5-1691, AND AT	
}		174". FRACTURES ARE STEEPLY INCLINED TO THE	
		CORE AXIS (30°) AND ARE ASSOCIATED WITH DEVELOP-	
		MENT OF RED MINERAL, POSSIBLY FELDSPAR. BRECGIA	
		AT 174° CONTAINS CHLORITE.	
	176.0-193.01	QUARTZ-MIOA GNEIBS. MEDIUM GRAINED BANDED GREY	-
	11040-15040	ROCK.	
	193.0-199.51	BIOTITE SCHIST. COARSE GRAINED DARK COMPACT	
	122*0-122.		
		SCHIST, WITH CRYSTALS OF WHITE MINERAL DEVELOPED	Ì
1		LOCALLY.	
	199.5-206.5	QUARTZ-HICA GNEIBS. BANDED, PALE GREY WITH	ľ
		SLIGHT CROSS SHEARING. APLITE VEIN 205.3-206.5%.	
	206.5-210.0	BIOTITE-QUARTZ SCHIST. FINE-MEDIUM GRAIN, DARK	
ı		COMPACT ROCKS, WITH VERY FINE DISSEMINATED PYRITE.	
	210.0-212.0	Micaceous quartzite, banded.	
l	212:0-215.01	BIOTITE QUARTZ SCHIST.	
	215.0-217.51	MACACEOUS QUARTZITE.	
- 1	217.5-220.01	BIOTITE-QUARTZ SCHIST.	
1	220.0-263.61	QUARTZ-BIOTITE GHEISS. UNIFORM MID-GREY ROCK,	
	tree to mooto	MEDIUM GRAIN, COMPACT, WITH SLIGHT BANDING.	
		APLITE VEIN AT 243%. BANDING MORE PRONOUNCED	
1		260-263.51. STREAKS OF RED HINERAL, PROBABLY	
		FELDSPAR, DEVELOPED OBLIQUE TO SOHISTOSITY FROM	
ŀ		250 to 2651.	
ı	263.5-264.7		
	203.0-201.1	APLITE VEIN. BRIGHT PINK QUARTZ-FELDSPAR ROCK,	
	064 77 700 0	MEDIUM GRAINED.	
1	264.7-300.0	QUARTZ - MICA GNEISS, BANDED WITH SPARSE GARNETS	
1		THROUGHOUT.	
	300.0	END OF HOLE	
İ			
}			
		į	
ļ			

PERTY: ZENMAC METAL MINES LIMITED - WINSTON ZINC

HOLE NUMBER: W-2

LOCATION: FRED LAKE, PAYS PLAT LAKE AREA, ONTARIO.

**DIP TESTS** 

CLAIM #111055 Latitude:

Dip: 550

Footage Reading

Corrected

Departure:

SEE MAPS

Depth: 420 FEET 200

400

60°0

Elevation:

Commenced: NOVEMBER 5, 1965

Azimuth:

Finished: NOVEMBER 8, 1965

Logged by: R. NICHOLSON

SAMPLE NUMBER		DESCRIPTION	ANGLE	DEPTH
	0.0- 6.0	Overburden		,
	6.0- 17.01	QUARTZ-MICA-GARNET GNEISS. MEDIUM GRAINED GREY		
	040 1140	ROCK, WITH FINE INTERBANDING (TO 1.5 CM.) OF		
ľ		QUARTZ-AND MICA-RICH FRACTIONS. GARNETS IN		
į		SUBHEDRAL CRYSTALS UP TO 1.5 CH, ACROSS, FORM		
		ABOUT 10% OF ROCK. COARSE MICAS AND CHLORITE	l	
		DEVELOPED IN NARROW BAND AT 12.5%. APLITE VEINING		
		AT 8.51, 10.51, AND 12-141.		
	17.0- 26.01		or.	-00
-	17,00 20,01	QUARTZ-MICA GREISS. MEDIUM GRAINED, MID-GREY	85	22
	ዕራ ስ የተለተ	BANDED	000	-
	26.0- 31.01	QUARTZ-MICA GNEISS, FINE GRAINED, UNIFORM HID-	87	27
	mod at most ("B	GREY WITH LOCAL PALE BANDS.		
	31.0- 32.51	Micaceous quartzite, pale grey, medium grain,		
		WITH FINE MICACEOUS BANDS.		
}	32.5- 35.01	QUARTZ MICA GNEISS. FINE GRAINED, UNIFORM DARK CRE-	<b>/•</b>	
	35.0- 45.01	MICAGEOUS QUARTZITE, MEDIUM-COARSE GRAINED WITH		
		VARIABLE COLOUR AND TEXTURE. GENERALLY PALE GREY	82	42
		WITH MICACEOUS AND LOCALLY CHLORITIC BANDS.		
		CHLORITE AND FELDSPAR DEVELOPED ADJACENT TO		
		OBLIQUE FRACTURE AT 421, MINOR PYRITE CONCORDANT		
		WITH SCHIBTOSITY AT 411		
	45.0- 51.01	QUARTZ-MICA GHEISS, DARK GREY, FINE GRAINED,		
		SLIGHTLY BANDED.		
	51.0- 56.51	MICACEGUS QUARTZITE. BANDED PALE GREY, MEDIUM-		
ļ		COARSE GRAIN. APLITE SEAM AT 53.5%.		
Ì	56.5- 65.51	QUARTZ-MICA GNEISS, LOCALLY CHLORITIC, BANDED	84: T	10 58°
		AND SILICIFIED.		
	65.5- 67.01	MICACEOUS QUARTZITE. WHITE, HEDIUM GRAINED ROOK.		V E H
		WITH FINE INTERBANDING OF PELITIC MATERIAL.		
	67.0- 71.51	QUARTZ-MICA-GNEISS. MEDIUM GRAINED, BANDED DREY	AR 1 0 1	014 T
		ROCK, WITH 10% GARNETS 69-701.		
	71.5- 71.81	CHLORITE-MICA SCHIST. DARK, COARSE GRAIN.	14020	53A 1
ļ	71.8- 74.01	QUARTZITE, WHITE, WITH FINE MICACEOUS INTERBEDS	74	. 72
	74.0- 75.01	QUARTZ-MICA GNEISS, WITH GARNETS.		<i>t</i> '-
	75.0- 77.81	MICACEOUS QUARTZITE, PALE GREY, BANDED. FELDSPAR		
		DEVELOPED AT 771.		
ļ	77.8- 80.51	QUARTZ-MICA GARNET GNEISS. MID-GREY, FINELY	70	78
-	1110-0010	BANDED, GARNETS, UP TO 3 MM DIAMETER, FORM	10	10
		20% of rock.		
İ	80.5- 81.31	Micaceous Quartzite.		
	81.3- 82.51	CHLORITE MICA SCHIST, COARSE GRAINED, DARK GREY-	52	82
		GREEN. LAMINAE STEEPLY INCLINED TO CORE AXIS.		-

PLE BER		DESCRIPTION	ANGLE	DEPTH
	82.586.51	Nicaceous quartzite. Pale grey-white, Hedium		
-		GRAINED, SILICIFIED, BANDED.		
	86.5- 90.01	QUARTZ-CHLORITE-MICA GNEISS. FINE GRAINED, DARK		
l	0040 - 3040	COMPACT ROCK, LOCALLY BANDED WITH MORE SILICEOUS		
		FRACTIONS.		1
	90.0- 96.01	QUARTZITE, HEDIUM GRAINED, MID GREY BANDED ROCK,	:	
	90.0- 90.0-	HICACEOUS AND CHLORITIC. SILICIFIED, WITH	42	91
-			42	71
Ì		DEVELOPMENTS OF RED MINERAL (FELDSPAR). OBLIQUE		
1		FRACTURING.		<b>A</b>
	96.0-99.01	QUARTZ-CHI ORITE GNEISS. GREENISH, FINE GRAINED	84	97
		COMPACT ROCK. CHLORITE DEVELOPED IN OBLIQUE		Ì
-		FRACTURES 96-971.		
	99.0-106.01	QUARTZITE, MEDIUM GRAINED, GREY, MICACEOUS AND		
		CHLORITIC. BANDED AND BILICIFIED.		
	106.0-108.01	QUARTZ-MICA-CHLORITE QNEISS.		
	108.0-113.01	QUARTZITE. MID GREY, BILICIFIED	90	107
- 1	113.0-118.01	MICA-CHLORITE-QUARTZ SCHIST. COARSE GRAINED		
	•	GREENISH GREY ROCK. LAMINAE WARPED.		
Ì	118.0-122.51	QUARTZ-MICA GNEISS. CLUSTER OF SMALL GARNETS	88	122
ļ	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AT 121.51.	""	1
	122.5-124.01	QUARTZ-GARNET-MICA GNEISS. MEDIUM GRAIN, MID		
Ì		GREY WITH PALE BANDS. GARNETS FORM 20-25% OF	1	
		ROCK.		
	124.0-139.01	QUARTZ-GARNET-MICA GNEISS. MEDIUM GRAIN, COMPACT	82	137
[	124.0-109.0		02	137
		BANDED GREY ROCK, WITH SPARSE GARNETS (TO 5%)		
1		127-134.		
	139.0-144.01	MICA-CHLORITE-QUARTZ SCHISTS. DARK GREY-GREEN		-
		MEDIUM COARSE GRAIN PELITIC ROCK, WITH WARPED		
l		STRUCTURE. 4" QUARTZ VEIN AT 1441.		1
	144.0-148.01	QUARTZ-HICA GNEISS. MEDIUM GRAINED, GREY, BANDED.		
	148.0-149.01	Mica chlorite quartz schist. Dark grey@-green,		
		COARSE GRAINED.	İ	
	149.0~172.51	QUARTZ-MICA-CHLORITE GNEIBS. MEDIUM TO COARSE	84	164
		GRAIN ROCK, WITH RELATIVELY LOW BILICA CONTENT.		
		GREY-GREEN BANDED .	}	
	172.5-182.01	QUARTZ-MICA GHEISS. GREY, MEDIUM-COARSE GRAIN	80	176
	, ,	ROCK, WITH SOME ORIGINAL FELDSPAR	86	178
	182.0-191.01	FELDSPATHIC QUARTZITE, FINE TO MEDIUM GRAIN,		
		GREY-PINK COLOUR. GENERALLY MASSIVE, BUT		
		LOCALLY WITH DISTINCT BEDDING. GREEN MINERAL	1	
		(?CHLORITE) DEVELOPED IN BEDDING PLANES AND		
		FRACTURES. BAND FROM 185 TO 187 BILICIFIED.		
		FELDSPAR RECRYSTALLIZED.		1
	191.0-223.51	QUARTZITE. FINE GRAINED, PALE GREY, WITH THIN	87	201
	13140-22040		07	201
	223.5-224.8	MICACEOUS INTERBEDS.		
	224.8-248.5	APLITE DYKE. DISCORDANT, WITH IRREGULAR CONTACT.	1	DAU.
	CC4.0-C40.0	QUARTZITE, FINE GRAINED, GREY, MASSIVE. PALER,	90	238
		MORE SILICEOUS, WITH PELITIC INTERBEDS TO 3"		
	040 5 040 54	BELOW 2341.	0.0	
	248.5-249.5	BIOTITE QUEISS. DARK, FINE GRAINED, COMPACT.	90	248
	249.5-270.01	QUARTZITE, MICAGEOUS, FINE GRAINED, COMPACT,		
		BANDED ACCORDING TO SLIGHT VARIATION IN MICA -		
		SILICA RATIO. THIN BIOTIC BANDS 265-2701.		
	1			

SAMPLE BER		DESCRIPTION	ANGLE	DEPTH
	270.0-275.4	QUARTZ-BIOTITE-GARNET GNEIBS. FINE TO MEDIUM		
		GRAIN GREY ROCK, WITH HIGH QUARTZ CONTENT. SPARSE GARNETS, TO 1 GM. DIAMETER, FORM 5% OF		
		ROCK.		
	275.4-286.01	QUARTZ-BIOTITE-GARNET GHEISS. COARSE GRAINED, STRONGLY BANDED. GARNETS, IN BUBHEDRAL CRYSTALS	87	282
		UP TO 1 CM. DIAMETER FORM ABOUT 15% OF ROCK.		
	286.0-311.01	QUARTZ BIOTITE GARNET GNEISS. FINE TO MEDIUM GRAINED, MORE UNIFORM THAN SECTION ABOVE. GARNETS SHALL (4 MM) FORM NOT MORE THAN 5% OF	88	298
		ROCK.		
	311.0-315.01	MICA QUARTZ GNEISS. DARK, FINE GRAINED COMPACT PELITIC ROCK.		
	315,0-316,01	GRANITE SEAM, DISCORDANT, WITH CONTACT INCLINED AT 70° TO CORE AXIS.		
i	316.0-318.01	NICA-QUARTZ GNEISS. FINE GRAINED, DARK.		
,	316.0-336.0*	QUARTZ-HICA GNEISS, HID GREY, STRONGLY BANDED, FINE-GRAINED, WITH SPARSE GARNETS.	88	325
l	336.0-337.01	GNEISS, AS ABOVE, WITH APLITE VEINS.	90	337
	337.0-340.51	MICA-QUARTZ-CHLORITE GNEIBS. FINE GRAINED, DARK GREY-GREEN ROCK.		
	340.5-346.6	QUARTZITE, WHITE, COARSE GRAINED WITH FINE MICACEOUS INTERBEDS.	86	341
	345,5-352.01	Mica-quartz gneiss. Fine grained, compact dark grey-green rock. Epidote (?) developed in fractur	t -	346
	352.01-353.5	QUARTZITE, WHITE, COARSE GRAINED, WITH APPARENT SLUMP HEDDING.	88	368
	353,5-363,61	MICA-QUARTZ GNEISS. FINE GRAINED, DARK, WITH QUARTZITE BANDS AT 357, 358, 3591.		
	364,6-389.51	QUARTZITE, WHITE, COARSE GRAINED.  QUARTZ-HICA CNEISS. MEDIUM GRAINED, MID GREY ROCH, COMPRISING EQUAL PROPORTIONS OF QUARTZ AND MICA. THIN, DISCORDANT GRANITE VEINS AT 371, 3791.	80	378
	399.5-393.01	QUARTZITE, PALE GREY, SILICIFIED, WITH FINE ARGILLACEOUS INTERBEUS. LOCAL MINOR QUARTZ VEINING, DEVELOPMENT OF PINK FELDSPAR. ARGILLACEOUS BANDS AT BASE.	78	392
	393.0-396.01	QUARTZ-NICA CHEISS. DARK GREY, FINE GRAINED, COMPACT.		
	396.0-401.0	QUARTZ-GARNET-MICA GNEISS. COARSE GRAINED, DARK. GARNEYS, IN SUBHEDRAL CRYSTALS UP TO 12 CM. DIAMETER FORM UP TO 30% OF ROCK.		
	404.0-420.01	QUARTZ-NICA GNEISS. MEDIUM GRAINED, HID GREY, BANDED.		
	420.01	END OF HOLE.		

ZENNAG METAL MINES LIMITED - SELIM RIVER CLAIMS

HOLE NUMBER:

105

LOCATION:

CLAIN NO. TE-102808, SOUTHWEST CORNER

**DIP TESTS** 

Latitude:

5920

Dip: VERTICAL

Footage

Reading

Corrected

Departure:

70901

5321

Depth:

Elevation:

91901 (APPROX)

Commenced:

DECEMBER 1, 1965

Azimuth:	HA	Finished: DECEMBER 17, 1965 Logged by: MICHAEL CADE
SAMPLE NUMBER		DESCRIPTION
	0- 3.01	CABING
	3.0-100.01	48. GABBRO VARIOUSLY TEXTURED MOSTLY MEDIUM TO COARSE GRAIN WITH VARIETY OF ALTERATION AS NOTED BELOW!— 3-9! 482 SLIGHTLY ALTERED GABBRO 41.4-50.3! 482 SLIGHTLY ALTERED GABBRO 97.5-98.0! BD AT 450
	100.0-175.01	482 SLIGHTLY ALTERED GABBRO GREYISH GREEN VARIOUS TEXTURES HOSTLY MEDIUM TO COARSE GRAIN CONTACT GRADATIONAL OVER 10°. 105-175° NUMEROUS QUARTE STRINGERS AND THREADS AT 80° (1 GR 2 PER FOOT) 138-134.5° B.D. AT 60° WITH STOCK WORK OF QUARTE THREADS (ADOZEN PER FOOT) 140-141.5° SOLIDLY CEMENTED SHEAR ZONK AT 70° 155.5-156.5° R.D. AN ABOVE
	175.0-197.5° 197.5-532.0°	169.0—170.5 CEMENTED BHEAR ZONE AT 35.  4B GABBRO, COARSE GRAINED, ALMOST BLACK.  4B2 GREY BLIGHLY ALTERED, FINE GRAINED WITH  DOCABIONAL QUARTZ STRINGERS.  227.0—228.5 4B2, GREEN ALTERED DABBRO AT 450  WITH \$^H QUARTZ RIBBON.  242.0—243.0 GREEN IRREGULAR BHEAR ZONE AT  APPROXIMATELY 300 WITH 10% INTERMIXED QUARTE  AND \$^H BLOD OF SPOTTY CHALCO PYRITE.  250 EVEN TEXTURED  351.5—362.5 4B2, GABBRO COARSE GRAINED  CONTACTS VAGUE.  401—402 4B2, GOARSE GRAINED SABBRO AT 900  BLIGHTLY SHEARED.
		402-417 45, FRESH LOOKING COARSE GRAINED GABRO. 417-423 B.D. AT 70 CONTACT SHARP AND CHILLED FOR 2", 2ND TO 4TH FOOT SPOTTY OF THE DYKE. 432-433.5 482, SLIGHTLY SHEARED. 470-495 SCATTERED PYRITE IN LOCAL SPOTS OF A DOZEN SPECKS AT A TINE. 495-511 FREQUENT QUARTZ STRINGERS (I PER FOOT) AND OCCASIONAL RIBBON OF QUARTZ
	532,01	END OF HOLE.
	HOTEL UP TO 43	4.5° NO DEPTH MARKERS WERE USED IN THE HOLE - ACCUMULATIVE

ERROR TO THAT BANT = 91.

# DIAMOND DRILL LOG 4-4-462

ZENMAC METAL MINES LIMITED - 13 CLAIMS N. & E. OF ZENITH HOLE NUMBER: 104 ERTY:

CLAIN TB-102808 IN S.W. CORNER. LOCATION:

DIP TESTS

Latitude: 59201

600 Dip:

Footage

Reading

Corrected

Departure:

70901

Depth: 1811

Elevation:

91901 (APPROX.)

Commenced: November 25, 1965

DOAF

FOAR

AMPLE IUMBER		DESCRIPTION
	0.0- 3.31	CASING
	3,3- 45,51	4B. MOSTLY COARSE GRAINED GAUDRO
		4.5-17.6 4A (HIGH FELDBAR) INTERNITTENT SECTIONS (19-49) MEDIUM GRAINED DIORITE.
	:45.5- 94.51	48.2 COARSE GRAINED GABBRO, PARTIALLY CHLORIVISED
		GRANIH AR TEXTURE DREGIRED. FREGUENT AUARTS THEFAR
		(12 TO THE FOOT) UP TO I INCH WIDE. LAST 201
		FRUIT QUARTE THREADS, VAQUE DARK BANDING AT 60
	94.5-110.01	TO CORE.  4B. KEDIUM GRAINED GABBRO, BLACK BANDING PERSISTS.
	110.0-135.51	48.2 PARTLY CHLORITISED GABBRO WITH FREQUENT
:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	THREADS AND STRINGERS. SHATTERED ZONE WITH FAULT GOUGE
		112.4-115.0. FREQUENT PINK ALTERATION IN
		STRINGERS THROUGHOUY SECTION.
	135.5-165.61	48. HEDIUM GRAINED GABBRO (STILL WITH VARUE
		BLACK BANDING TO 1481) COARBER GRAIN BELOW 1481,
		WITH HIGHER FELDEPAR CONTENT, PARTICULARLY AT 152-153.5, 162-168.
	165.5-181.01	48. COARSE GRAINED GABORO, PALER THAN ABOVE,
		SLIGHTLY CHLORITHED.
	181.01	END OF HOLE.
i		$\cdot$
•		
İ		

M. Ogden.

PERTY:

ZERNAC METAL BIKES LIMITED.

HOLE NUMBER:

LOCATION:

In Claim 102813 (See Sketch)

DIP TESTS

Latitude:

Dip: 450

Footage

Reading

Corrected

Departure:

Depth: 502

Elevation:

Commenced: Nov. 7,1966

Michael Cycle

Azimuth.

1350 True

zimuth:	135° Tru	e Finished	Nov.	22,1966	Logged by: }	l. Odgen	
SAMPLE NUMBER			ESCRIPTIO	N			
	٥ ٣						
	0-5:	Casing					
	5-502:	Gabbro					
	502:	End of hole.					
	9						
]							
				0s.as			
.}			CORT	ALIVED GAVED	<b>,</b>		
			MX W	MAVED Y			
			15 mg	* 6 1900	7		
			ING	+ 6 1966			
ļ			- 04.	THE PERSON OF TH			
ļ							

PERTY:

ZENMAC METAL MINES LUMITED.

HOLE NUMBER:

LOCATION:

In Claim 102817 (See Sketch)

DIP TESTS

Latitude:

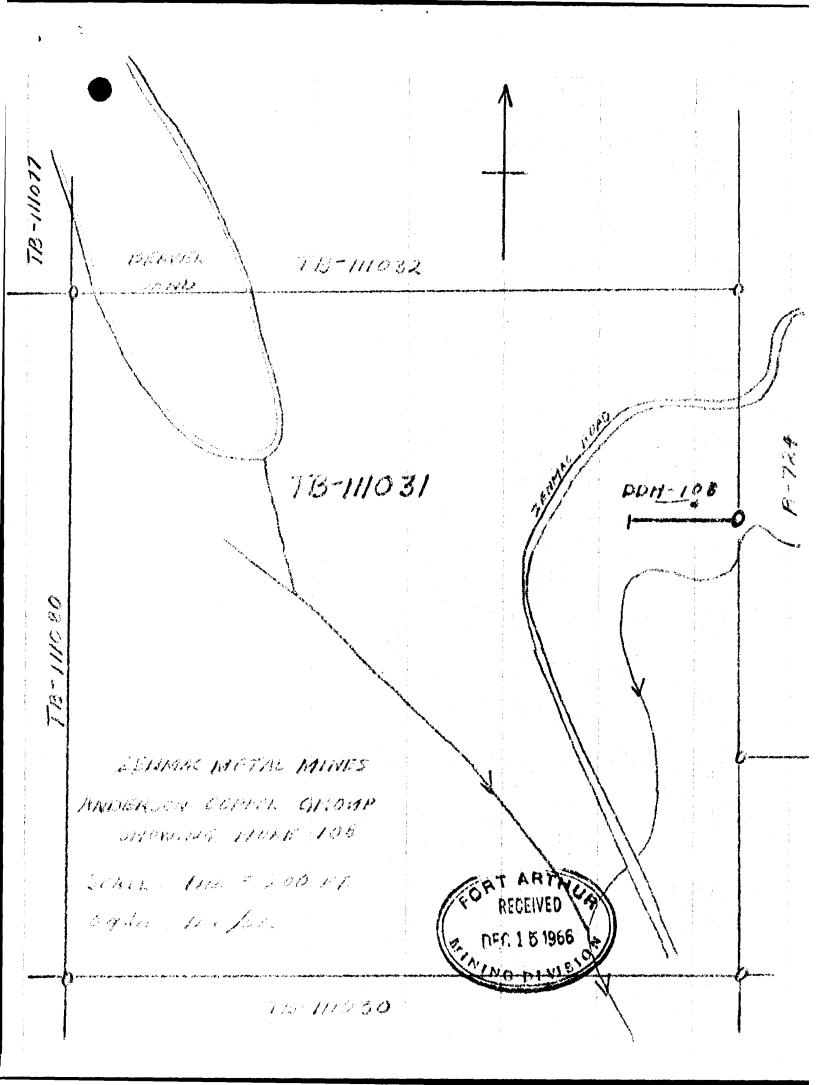
Dip: 45° True

Footage

Reading

Corrected

			, ,,				***************************************	0	
Departure	:		Depth: 502	:				1/1	<b>1</b> . 2
Elevation:			Commenced:	Nov.	25, 1966		Mill	bul a	To la
Azimuth:	135° True		Finished:	Dec.	4, 1966	logged by:	M. Od	gen	
SAMPLE NUMBER			DESC	RIPTIO	N				
	0-35:	Casing							
	35-502:	Gabbro							
	502;	End of	Hole.						
		,							
									ĺ
			•						,
					•	esem AR	W. Carrell		
					- R	RECEIV	ED CA		
					((-7.	nen - 61	1966		
						DEC - 61	115/0		
					·	The second second	A STATE OF THE STA		
								1	
	1								



File 111031 Papellet & lientry

DIAMOND DRILL LOG

Zenmac Metal Mines Limited

In N. E. Portion of Claim TB-111031 on East

HOLE NUMBER:

108

LOCATION:

Boundary @ 500 Ft. South of No. 1 Post. This is the Anderson Copper Group of 17/ Claims.

**DIP TESTS** 

Latitude:

Dip: 450

Footage

Reading

Corrected

Departure:

347 Ft. Depth:

Elevation:

Commenced: Nov. 9, 1966.

Azimuth:

270° True

Finished:

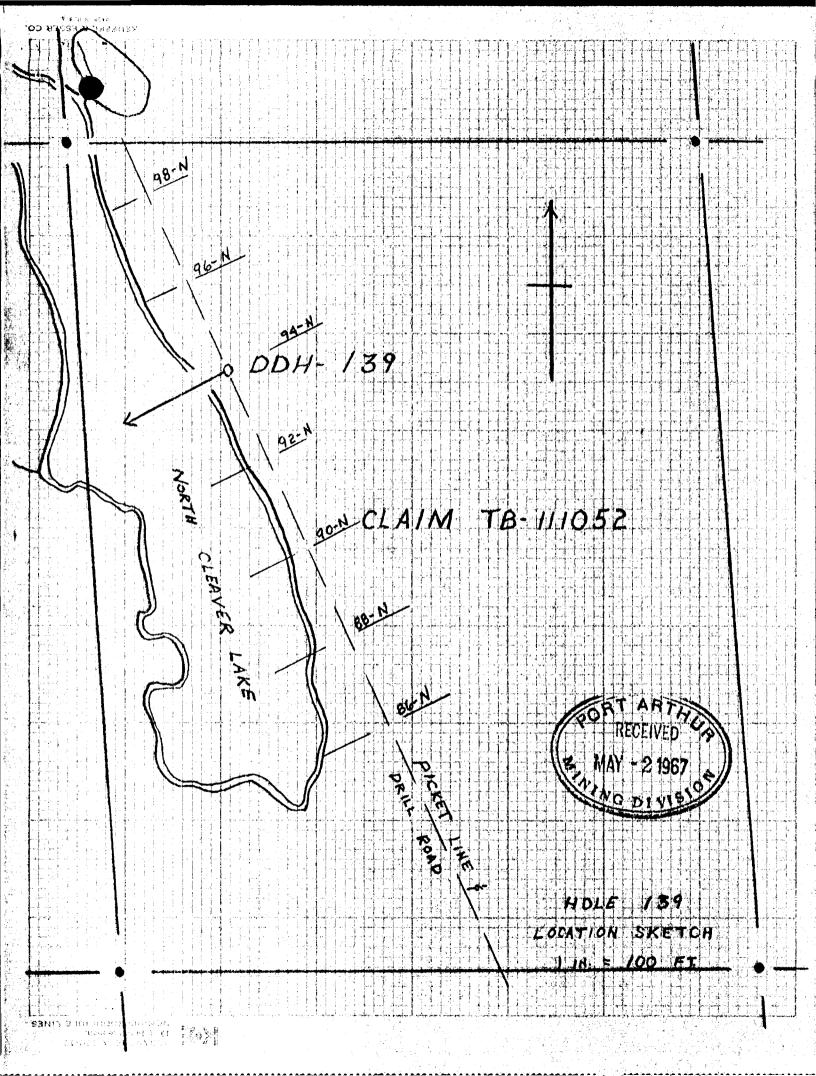
Nov. 21, 1966.

Logged by: Michael Ogden

SAMPLE NUMBER		DESCRIPTION	
	0-90:	Grey gneiss, fine grained, table salt size, even textured, light to very dark grey rock of 75% feldspar, 15% muscovite and 10% fine quarts with a little copper and iron sulphides as detailed below.	`
!		There are bands and sections of poorly banded, grey, pink or white very fine grained quartzite. In fact the grey gneiss is surely an impure quartzite.	
	0-2,0:	Pinkish quartaite with 3% sulphide, pyrite, chalco, possibly molybdenite and or bornite.	
	]	5.0-7.0: Intermixed quartaite and gneiss.	
		9.0-10.0: Intermixed quartrite and gneiss.	
s-6201		O-10: 1% chalcopyrite (cp.) and 1% pyrite (py) both disseminated and usually separately. The first 2 feet is pinkish quartrite possibly also with molybdenite (mo) and or bornite (bo). The last foot is the same and between 5-7 there is intermixed quartrite and gneiss.	
8-6202		10-18: 2% py. 1% cp., disseminated and in stringers.	
s-6203		18-28: Grey quartrite, las fine py. and ls cp.	
S-6204		28-38: Grey gueiss, 2% py., 1% pyrrhotite (pe) and 2% op.	
s-6205	•	38-45: Grey quartaite, 1% py. and 1% op.	
		45-64: 1% py. fr. cp.	
		64-74: 3% py. fr. cp.	
•		74-90: 1% py.	

MPLE DESCRIPTION BER 90-94: 3% py. Soft schist, 20% phlogopite, 10% chlorite and 70% altrue feldspare. Trace cp. Note: The gneissosity throughout the hole is almost at right angles to the core, unless noted as otherwise. 105-107: Lost core. 111-132: Grey gneiss as before - more massive, 2% disseminated py. and trace op. disseminated. Contact gradational. 132-172; Soft schist, greenish mica gneiss as in 90-111 but greener and it has 2% py. and trace to 1% cp. 141-144: Lost core. 149-150: Lost core. 172-176: Grey gneiss as before 1% py. 1% cp. 176-2354: Soft schist green gneiss as before. Pine disseminate py. and cp. 210-218: 1% py., 1% cp., 1% po., disseminated with a 6" quarts vein (Q.V.) @ 217 V.L.M. 235 2-264: Grey gneiss as before, more phlogopite therefore softer. The initial contact is clear 0 60° and not chilled. 2% fine py. and 4% cp. Lineation 0 600 to core. 248-249: Shear zone 6 30°. 257-262: Hostly bull quarts as 2" to 12" irregular bands at 60° to core. 264-282: Light grey plagioclase gneiss, coarse grain. 80% plagioclase in grains and bands 0 909 to core with much inclusions of biotite and chloritic hornblende. N.V.H. 282-337: Orey gneiss @ 800 to core, with threads, stringers and odd flecks of pyrite (py) up to 1% of the rock. Odd trace of cp.

LE		N. C. C. D. L. C. L.		i
BER		DESCRIPTION		
		284: 3" Quarts vein (Q.V.) @ 80°.		
		286: 4" Q.V. @ 90°.		
		295: 1 ft. lost core.		
		301: 2" Q.V.		
		307-312: 5 ft. of lost core (L.C.). No indication of shearing.	<b>)</b>	
		320-320½ & 321: 2" Q.V. @ 80°.		
		332-336: L.C. No apparent shearing.		
	337-347:	Light grey, hard, banded gneiss 0 60° to core, a few stringers of py. as above. This is a closely banded almost white and dark grey rock. There are a couple of 0.V. 0 60°,	nd	
		342-344: L.C. shattered, no shearing.		·
	347:	End of hole.		
		RECEIVED REC		
			1	l



File 11 1032 Page Plat K. hun myson DIAMOND DRILL LOG

Zenmac Metal Mines Limited.

In the S.E. Corner of Claim TB-111032 at

HOLE NUMBER: 109

LOCATION:

200 ft. N. of No. 2 Post. This is in the Winston Zinc Group of 18/Claims.

**DIP TESTS** 

Latitude:

Dip: 450

Footage

Reading

Corrected

Departure:

Depth: 349 Ft.

Elevation:

In draw.

Commenced: Nov. 22, 1966.

Azimuth.

26 10

Finished.

SAMPLE NUMBER	DESCRIPTION				
	0-12 Feet:	Casing.			
	12-53:	Gabbro, gneissic o 70° (4b.1). The common sugary to rock salt size grain. The odd short stringer of py. The last foot shows a diminishing grain size that looks like chilling except that a glass phase is never approached.			
		49-50: Cemented shear and old breccia sone @ 30° to core.			
	53-79 1	Basalt. A fine grain, very dark green to black rock with a fine thread like banding only in the first 10 feet. The initial contact @ 53-59 is gradational with lessening of the pepper-like gabbro grains.			
		59-64: There is the odd perphyroblast of plagioclase.			
		61-62: ½% py.			
		76-78: 1% py. in stringers.			
	79 ½-86 :	Closely banded, light grey, hard, gneiss 6 60°. 1% py. disseminated and in stringers, odd speck of cp.			
	86-115:	Dark grey gneiss. A variously textured rock resembling a (4b.3). A basalt and a true grey gneiss which it is with variations.			
		110-115: ½% py. disseminated.			
	115-144:	Closely banded light grey gneiss at 70° is disseminated py. and odd flake of cp.			
		126-144: The light and dark banding yet very vague and almost dissappears.			

Zenmac Metal Mines Limited

HOLE NUMBER: 111

In Claim TB-111030 of the Anderson Copper Group,

Rast of Mine Road. LOCATION:

**DIP TESTS** 

Latitude:

4462 N.

450

Footage

Reading

Corrected

Departure:

292 E.

Depth: 362 Feet.

Elevation: 10 ft. above Cleaver Lake

Commenced:

Dec. 17/66.

Azimuth:

2440

Finished:

Dec. 20/66.

nutn:	245	Timined: DAC 20/00 togged by: MICHAGING
SAMPLE NUMBER		DESCRIPTION
	0 32 :	Casing.
i	32-193;	Vague grey porphyry (5), 5-25% biotite, all @ 90 plus or minus 100 to core.
		382-422 Fine gabbro or basalt. A dyke of 4b.2'8 70° to core.
		43: A one foot dyke of quarts eye
		porphyry pink granite dyke 0 750 to core.
		46-51: Frequent vague quarts bands
		59-62: Light grey hard siliceous sone.
		45-58: Odd flake of chalcopyrite.
		"Cp".
		76: An 8 inch some of quarts matrix breccia, probable old fault.
		75-80: A few stringers of fine pyrite (Py)
		80-91: " " " " " " " " " " " " " " " " " " "
		the gneissosity 0 200
		100-104m: Soft schist (11) 50-70% brown
		phlogopyte. N.V.M. Contacts gradutional
		over one foot.
		105-135: Disseminated flakes & stringers
	•	of Cp. with a little Py. particularly be-
		tween 116-120 where the rock would run
		1% Cp.
		118: 6 inches of lost core (drill error)
		125-128.5: Lost core = 3g feet ( " )
		145-158: Softer, more biotite, up to 30%.
		169-193: Vague sone of silicification, much
		harder, even grey, no crystal remnants and
		carries Cp.
		175-180: 🐩 fine disseminated Cp.
		190-193: " " " " ,
	193-218;	Fine hornblende gneiss (8).
		205-214: Lighter grey slightly silicified
		zone with frequent flakes, threads, dissemin-
		ations and irregular streak of Cp with lesser
		Py. usually at a low angle to the gneissosity,
		(Rst - 1/2 % gs.)

E R	DESCRIPTION	
	201-205: 1% Cp.in 3 Cp stringers per foot plus some disseminated and a little Py. 210: 3 Cp stringers over a foot.	
211-232:	Dark grey hornblende gneiss with contact gradutional over 6 inches. (8)	
	218-222: A little shearing 6 low angles to the bedding and with a total of 2% Py mostly in stringers and bands.	
232-252:	Black hornblende porphyry (7). A greenish grey rock with lineation @ 800 to core and heavily flecked with white feldspar. N.V.H.	
252:	End of hole.	
	RECEIVED RECEIVED MAY - 2 1967	

PLE BER		DESCRIPTION		
	144-198:	Orey gneiss at 90°. The usual rather so medium to dark grey rock of 5-10% fine biotite and 90% grey minerals, mostly plicclase, but too fine to identify. % disseminated mixed sulphides, py., ph. a a very little cp.	ag-	
		189: 4 inch shear zone @ 800.		
	198-2831	Quarts banded grey gneiss a 80°. A fine grain grey gneiss with about 1/3 the roc composed of 1/8 to 1 inch vague bands of impure and some pure quarts. Trace of p	k	
		200-202: Q.V.		
		204-213: ½% cp. trace py.		
		230-273: ½% py. in stringers and flakes	•	
		241: 3m Q.V.		
		241-243: ½% op.		
		249-252: ½% cp.		
		255: 8 inch irregular Q.V. with 2% py.	1% cp.	
		260-269: A few scattered garnets.		
		272: 3 inch band of silicification with There are similar bands not as silicious without cp.	2% cp.	
	283-3491	Amphibolite gneiss. An almost massive recoarse hornblende and chlorite with 20% ed plagiculases. The initial contact is ational over 10 ft. with wver increasing size but this is not chilling. There is ered fine magnetite. N.V.M.	alter- grad- grain	
		325: 3" white Q.V.		
		336: 3" white Q.V.		
	349:	End of hole.  RECEIVED	66 e	
		DEC. 1519	1510 x	

ERTY:

Zenmac Metal Mines Limited

HOLE NUMBER: 110

LOCATION: In Claim TB-111030, 300 ft. South of No. 1 post

**DIP TESTS** 

& 26 ft. East of the East Claim line of the Anderson Group.

Dip: 450 Footage Reading Latitude:

Corrected

Departure:

300 E.

4363 N.

Depth: 2520

Elevation:

A I'I Attent At Commenced:

Dec. 10/66.

Azimuth:

2450

Finished:

Dec. 13/66.

Logged by: Xichael

SAMPLE NUMBER

DESCRIPTION

0-29:

Casing.

29-127:

29-211:

Vague grey perphry (5)

29-62 : The occassional stringers of 50% Cp. 1 to 1/8" wide e.g. @ 36 feet there are 4 stringers over 3 inches. At 44 " 1 stringer and 0 51 the same, 55-56: A fine Cp stringer lengthwise to the core. 62-79: About one Cp. stringer per foot on average. These stringers are parallel to the bedding in or alongside of dark biotite bands or stringers but for every stringer there are about 6 similar loci. 101: A few specks of Cp in Q.V. of 14.

Disseminated Py. & Cp.

A few flocks of Cp. 105: 110-112: 6 little stringers of 50% gs. 118-119: A few floks of Cp. 125-127: 1% Op disseminated & in stringers. Some of the stringers cut across the bedding @ 200.

148-159: Quarts banded gneiss. A buff coloured rock with 1/8 to 1 inch bands of almost white feldspar and quarts. N.V.H. 159-167: About 2 fine stringers of Cp per foot. 169-187; Zone of silicification (6) with course sugar size well formed feldspars flecked throughout. Some very fine Cp. 187-211: Light grey gneiss or some of silicification. (5)

MPLE DESCRIPTION BER 218-363: Oreenish-grey, even textured, medium grained, gneissic diorite (10). Rice to rock-salt sixed biotite or chlorite grains in a sugary white feldspar groundwass heavily flecked or salted with pin-head mime white foldspar. A few 1" to 6" bands of basalt 220-230: parallel to the gneissosity o right angles to the core. 241: One foot of minor shearing parallel to bedding - possible dyke. A few quarts bands @ 300 to core. 265-273 Hore vague 6" basalt dykes. Fine grain grey dyke 0 600 311-317! 337-338: 340: 6" feldspar dyke with a few flakes of molybdenite. 344-345 6" feldspar dyke with a few flakes of molybdenite. 3631 End of hole. RECEIVED MAY - 2 196

Zenmac Metal Mines Limited

HOLE NUMBER: 112

Anderson Copper Group of Claims in TB-111030. 200 Feet North of 111. LOCATION:

Latitude:

4589 N.

Dip: 450 Footage

Reading

**DIP TESTS** 

Corrected

Departure:

160 E.

Depth: 151'

Elevation: Cleaver Lake +

8 feet.

Commenced:

Jan. 6/67.

Muhal Carls

Azimuth:	2400 True	Finished: Jan. 10/67. Logged by: Michael Ogden.
SAMPLE NUMBER		DESCRIPTION
	0-44:	Casing through gravel & boulders.
	44-129:	Vague grey porphyry (5) with disseminated Cp.
		45-52: ½% Cp concentrated in vague string- ers, particularily between 52-53. 54-58½: Quartsite like, light coloured spotted grey, hard. Both contacts are clear 8 60° to 70°. this is NOT silicification. A few splashes of Cp with sinor quarts veins. 59-66: Very little Cp. 64½-66: Quartsite as above, the Cp. in the Qts. 88-94: Vague sone of silicification, fine grain and hard otherwise similar to remaind- er.
	129-151:	Dark grey hornblende gusiss (8). Contact gradutional over 10 feet. N.V.H.
		140-141: Shear some 0 300 to core almost re-cemented, rusty band in it. 147-148: ½% Cp. in thin, recent fractures 0 200 to core. Also disseminated.
	151:	End of hole.
		RECEIVED RECEIVED AND MAY - 2 1967

PROPERTY: Zenmac Metal Mines Limited

HOLE NUMBER: 113

LOCATION: Cleaver Lake Area - Claim TB-111031 of the Anderson Group of Claims.

**DIP TESTS** 

Latitude:

4880 N.

Dip:

Footage

Reading

Corrected

Departure:

253 K.

Depth: 185 •

Elevation:

PARKERS LK. Commenced:

Jan. 13/67

Finished.

imuth:	240	Finished: Jan. 15/67 Logged by: Hichael Ogden
SAMPLE NUMBER		DESCRIPTION
	0-40	Casing.
	40-42½:	Fine, dark grey, hornblende gneiss (8)
	42½49 ı	Very fine grey banded feldspar & muscovite gneiss (4).
	49-115:	Mostly gneissic diorite (10) with a musco- vite phlogopite groundmass.
		52-55: (4) as above.
		67-68 Phlogopite and quarts in contorted beds.
		68g-71: Quartz N.V.H. 72-72g: Lost core - (drillers fault)
		92-97: (4) as above.
		97: 2" quarts vein.
		84-95; Tr. of fine disseminated Cp.
	115-135:	(4) Banded gneiss as above.
	135-159:	Phlogopite schist (11) with variable amounts of disseminated chalcopyrite and a little Py. Initial contact gradutional over a foot, final clear.
		139: 1" shear 70° across the schist the other way. Tr. Cp. 135-146: Tr. Cp.
		146-152: Black banded hornblende gneiss with gs. in hornblende bands occassion-
		ally.
	S#	154-159: Soft schist with fine disseminated Cp.
	159-1771:	Fine granular amphibolite. (12) A green rock, soft, of hornblende & chlorite.
	1774-185:	Black hernblende porphyry (7) many phono- crysts of plagioclase. Initial contact

PLE BER		DESCRIPTION		·
	1774-185:	chilled and sheared over li fee		
	185:	End of hole.		
		PORT ARTA		
		WEOEIVED.	The state of the s	į.
		MAY - 2 1967	*	
		NG DIVIS	Samuel 1	
				-

ERTY: Zenmac Metal Mines Limited

HOLE NUMBER: 114

LOCATION: Anderson Copper Group TB-121031

**DIP TESTS** 

Latitude:

4785 - N

Dip: Vertical

Footage

Reading

Corrected

Departure:

Elevation:

160 - E

Depth: 207

Cleaver L 4 4 Ft Commenced: Jan. 16/67

Abandoned & restarted

Jan. 25th.

Azimuth:

Logged by: 271/a

Azimuth:	N/A	Finished:	Jan. 26/67 Logged by: ////
SAMPLE NUMBER		D E	SCRIPTION
	0- 22:		Casing.
	22-105 i Uni	lt 4	60% Feldspar in bands up to la thick remainder Biotite.
			29: A pear size blob of Cp.
	105 -165: Uni	it 5	Biotite becoming more abundant after 1251.
			130-136: Occasional stringers and bands of Cp in Qts.
;	165 -175: Uni	it 11	With a little Cp. in Qts. Stringers from 170-173.
	175-188½: Un	it 8	Oreen like 4b.2, occasional Py., contacts gradational.
	188½-201½: Uni	lt 7	40% Phenocrysts. Grades through 8 from 1932-1969.
	2012-2064: Uni	it 7	
	206 ½ 1		End of hole.
			PECETURE PROPERTY OF THE PROPE



File 111052 pay Planton DRILL LOG

PROPERTY:

Zenmac Metal Mines Limited

HOLE NUMBER: 139

LOCATION:

Winston Zinc Group on Claim TB-111052 on East Shore of North Cleaver Lake midway along.

DIP TESTS

Latitude:

Line 94 N

Dip: 450

Footage

Reading

Corrected

Departure:

At Base Line

Depth: 351

Elevation:

6 Ft. above

Commenced:

17th March, 1967

cievation:	Lake	Commenced:	•		Mohade	200
Azimuth:	2450	Finished:	19th Harch,	1960 gged by:	M. Ogden.	and the second
SAMPLE NUMBER		DESC	RIPTION			
	0- 5:	Cas	ing.			
	5-240:	s ug	y muscovite grant to rice grant eation of grant	ained with	a faint	
		7-9	50% hornble	end <b>e</b>		
		7-0	3" barren,	Quartz vei	n.	
		str	: 2" of a fer ingers and a c ite (Cp) stri	couple of o	te (Py)	
		15-1 Q 90	16: Hostly bar	rren quaptz	in veins	
		18- 9 9	19: 20% barrei	quarts in	vein	

26.5-29.0: Mostly chlorite, soft fairly sharp contacts.

32.3-35.5: B.D. or fine grained hornblende gneiss, contacts vague.

20.5-22.5: Basalt Dyke (B.D.) but with vague contacts 6 900

38.5-39.0: Barren quartz.

53.0-56.31 Hostly chlorite, some hornblende.

120-121: A few specks of chalcopyrite.

126-127: B.D. contacts vague.

ABER		DESCRIPTION	% Zn.	% Cu.
		202.5		
		201-205: Lost core - ground up.		
		The previous 2 feet is in disks		
		such that the whole section from		
		1996 to 2028 looks to be fractured		
		and faulted.		
		Start Juny Chat		
		204-205: Hostly quarts.		
		218-219: Lost core - ground.		
		230.5-231.01 Quarts @ 900 to		
		core, with chloritic slips on		
		edge to within.		
	240-275:	Grey biotite gneiss (No.1) sim-		
		ilar to the above, but the mus-		
		covite has changed to biotite		
		and phlogopite.		
		254-264: Vague grey porphyry		
		(No.5) with gradational contacts.	į	
		264: 2" quartz vein (Q.V.) 8		
		90° to core.		
		265-266: Lost core - ground.		
219		266.0-267-7 : 1.7 feet of no	0.58	0.02
	:	visible mineralisation		
	275-351:	Grey hornblende gneiss (No.8)		
		greenish, soft, chloritic but		
		similar grain size to the above.		
217		298.5-303.5: 5.0 ft of a few		
		specks of pyrite like most of	1	<u> </u>
		the core. There is a few specks		
		Cp in some 2" of Quarta bout mid-		
		way along the sample. 5.0 ft of	0.00	0.02
		way along the sample. 5.0 it of	0.09	0,02
218		305.1-308.6: 3.5 feet of similar		
		to #6217 above.	0.15	0.01
		300-351: The rock is becoming		
	i	more and more chleritic.		
		336-340: Dark spotted gneiss		
	J	with about 5% fine magnetite,		]
		probably in the fine spots.		
		342.2, 344.7, 348.0 & 348.5:	1 .	
		shears or shear sones in highly		
		chloritic rock.		
	351:	End of hole.		
	NOTE:	The weak assays are probably due		
	1	to contamination more than to		
		to contamination more than to		i .

MPLE		D. C. C. D. D. T. D. M.	1	 
BER		DESCRIPTION		
		170-180: Mostly hornblende gneiss but no contacts or detectable change is seen on the surface of the core.		
		194: 1" cemented fault sone () 70°. 198.4 to 199.2: Vague fault breccia, 20% garnets. 200-201: The odd speck of chalcopyrite. 203: 4" Q.Y. @ 90°. 212: 2" irregular quarts () 90°		
	220-252:	Grey hornblende gneiss (No.8) very fine grain, only 5-30% hornblende. Vague lineation is still 0 90° to core.		
		233: ¼" shear @ 800.		
	252:	End of hole.		
		RECEIVED REC		



ERTY: Zenmac Metal Mines Limited.

HOLE NUMBER: 140

LOCATION: Winston Zinc Group in Claim TB -111054

DIP TESTS

Latitude: Line 124-N

Dip:

Footage

Reading

Corrected

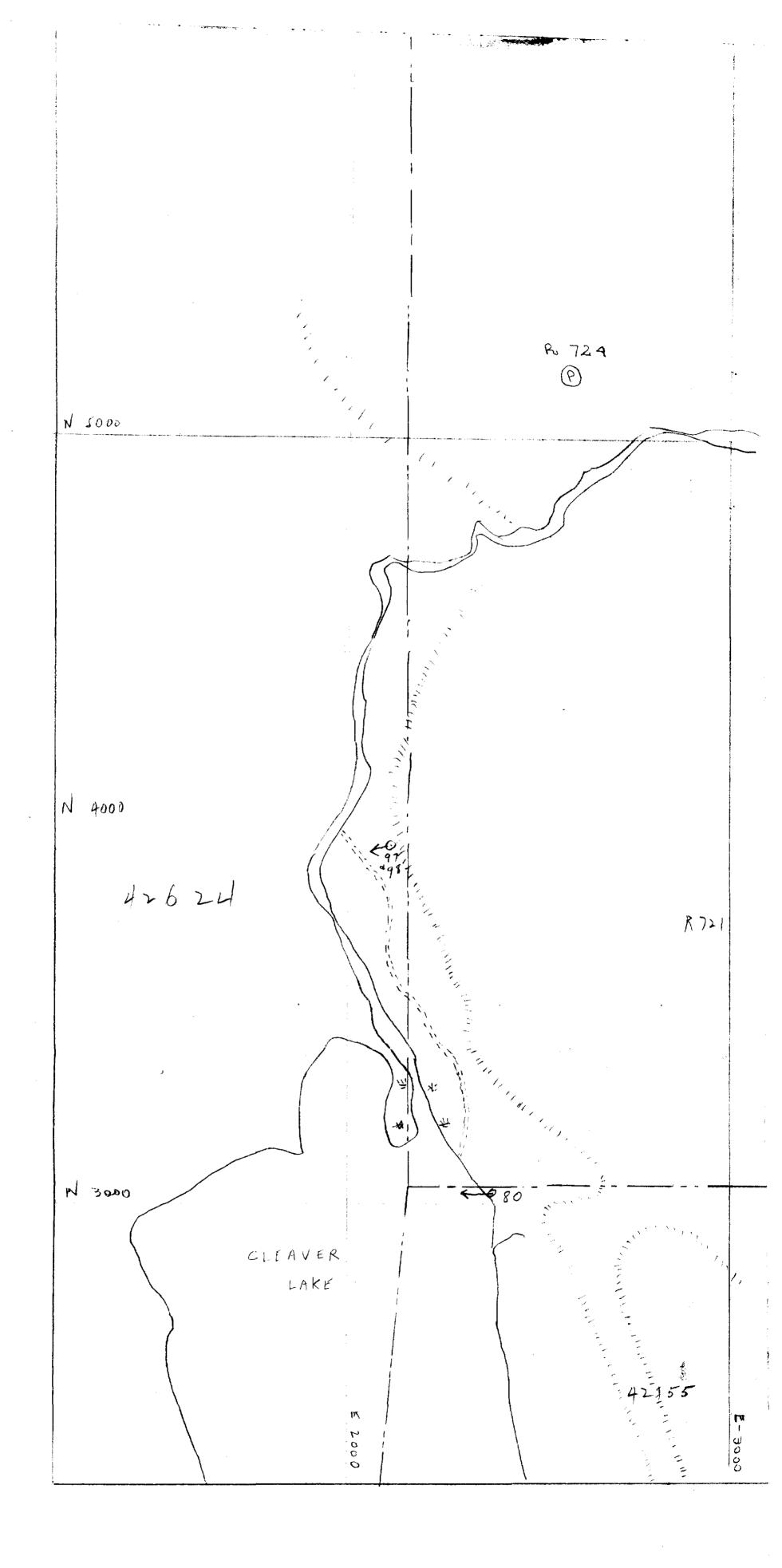
Departure:

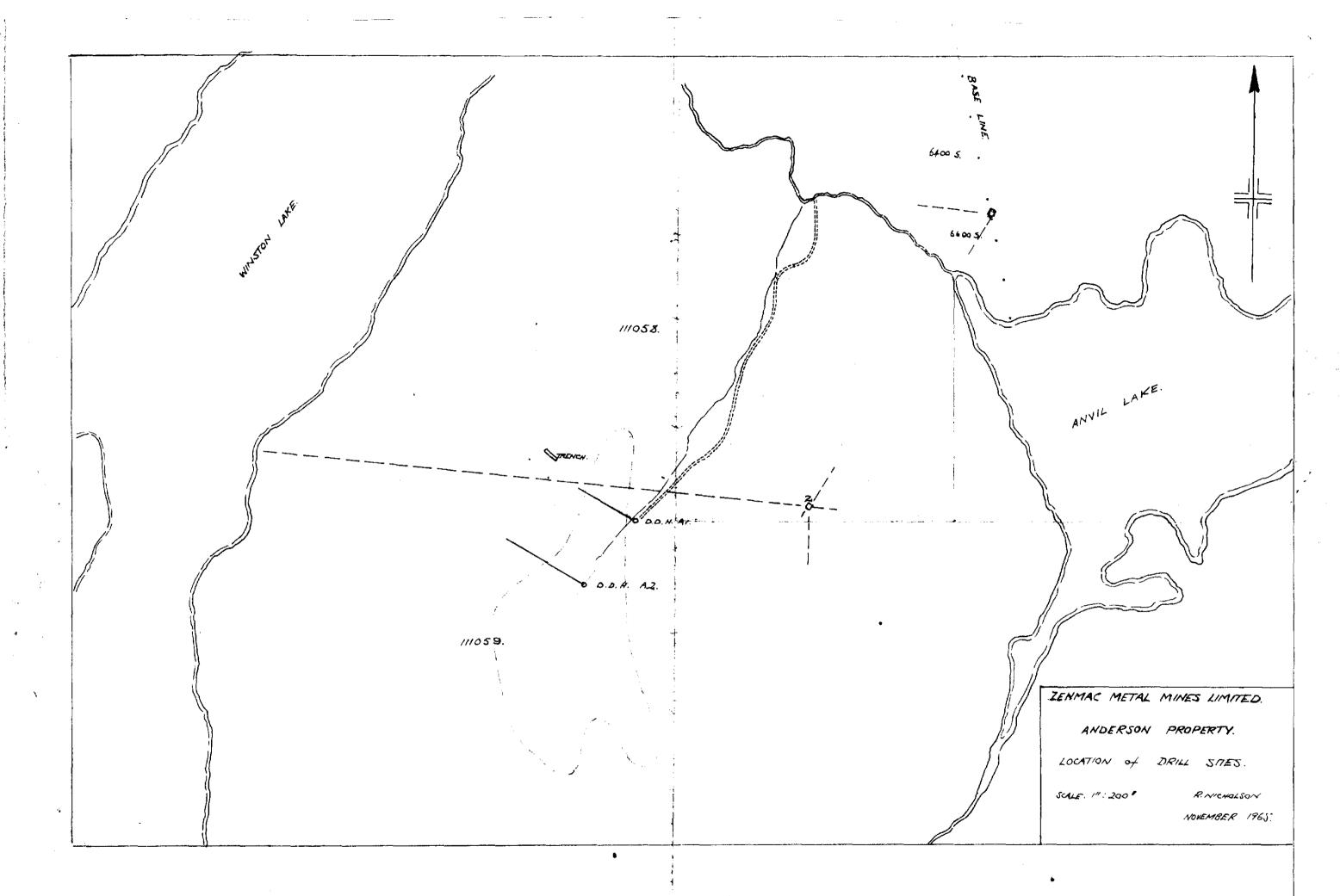
365-West

Depth: 252 Ft.

Elevation: At Fred Lake level Commenced: Har. 24/67

imuth:	245°	Finished: Mar. 25/67 Logged by: H. Ogden	······································
SAMPLE NUMBER		DESCRIPTION	
	0- 5:	Casing.	
	5- 35;	Grey muscovite gneiss as in 139 (No. 3). The rock has a variable content of Biotite or phlogopite. Faint lineation of grain 0 900 to core. 12.0-12.5: Some vein Quarts.	
		31: 8" of black biotite gneiss with sharp contacts 0 90°. It has pea size garnets scattered through it.	
	35-155:	Vague grey porphyry (No.5), very little mica, increasing garnet content and up to pea size grains of plagioclase and garnet. There is the odd speck of disseminated pryite. In to 1 quartz veinscress the core at about every 5 feet.	
		91: 8" of intermixed quarts. 92: 3" Q.V. 9 90°. 99: 6" B.D. 9 90°. 103-104: A couple of specks of chalcopyrite. 115-116: A couple of specks of chalcopyrite.	
		NOTE: The development of the vague phonocrysts is clearly an alteration or metamorphic change.	
15	55-220:	Variable, banded feldspar and mica gneiss (No. 4) mostly phlogopite with many scattered pea size garnets, most of which seem to have pushed the lineation out around themselves.  Garnets make up about 8% of the rock.	







D14NW0043 10 PAYS PLAT LAKE

