010

Diamond Drilling

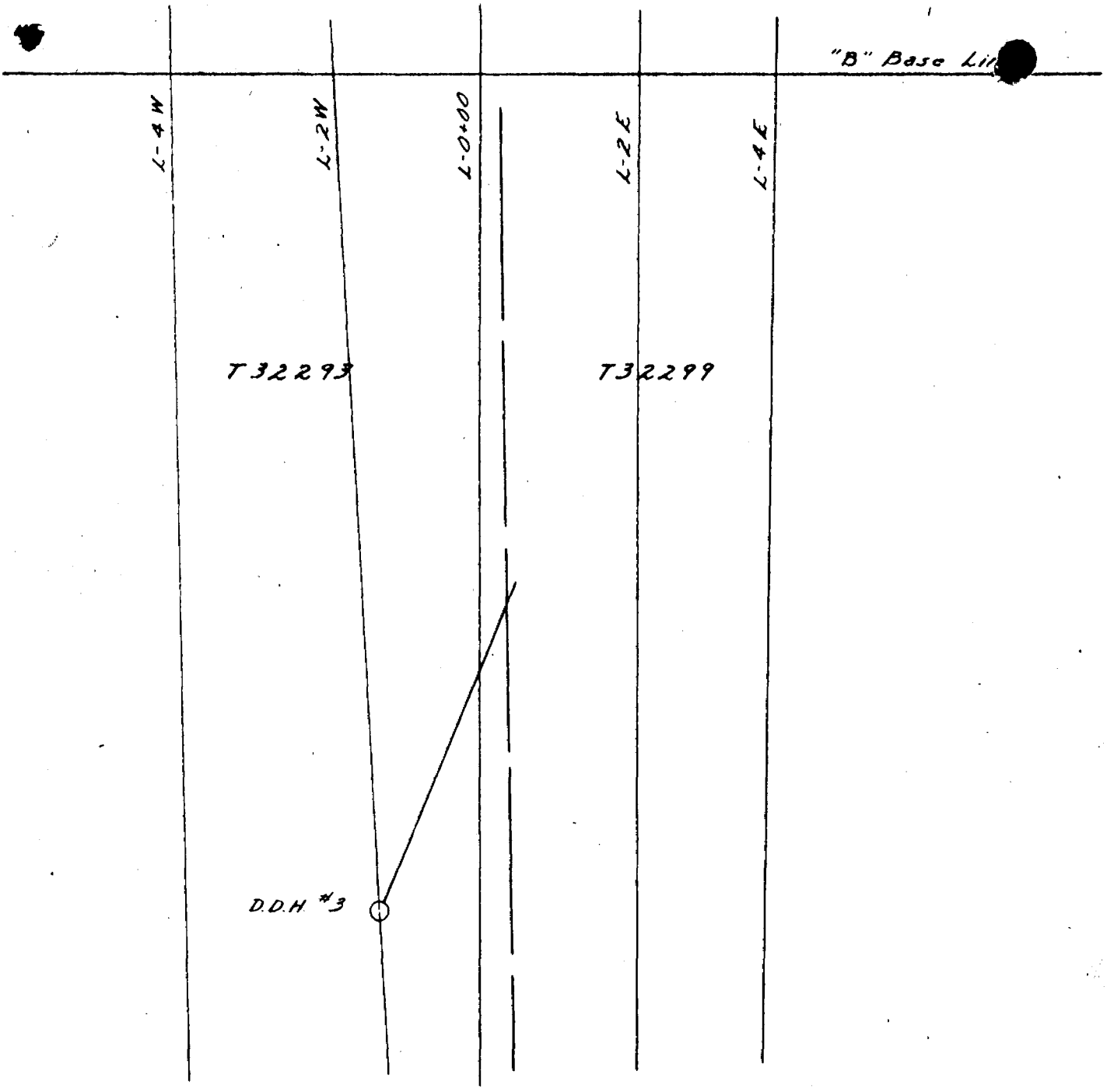
Township of Cynthia

Report Nº: 10

Work performed by: Dominion Gulf Co.

Claim Nº	Hole Nº	Footage	Date	Note
T 32293	3	761.2'	Nov/54	
T 32296	4	795.3'	Oct/54	

Notes:



Scale: 1" = 200'

Cynthia Twp.
T 32293

PROPERTY Cynthia - Chambers I

HOLE NUMBER 3

SHEET NUMBER 1

DIAMOND DRILL RECORD

SECTION FROM 0 TO 129.0

LOCATION: LAT. 1100' South of "B" Base Line

DEP. Line 2 West

ELEVATION OF COLLAR

DATUM

DIRECTION AT START BEARING N 24° E

DIP 0-45°, 300' - 38°, 750' - 34°

STARTED November 11, 1954.

COMPLETED November 18, 1954.

ULTIMATE DEPTH 761.2

PROPOSED DEPTH 750

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $	
0	Collar					
78.0	Casing above solid					
78.0 - 105.0	Quartzite - massive, thinly bedded at 70° to core, predominantly white but for scattered thin beds white but for scattered thin beds which vary in color from yellow green through green to dark gray, sparse pyrite.					
105.0-107.7	Iron Formation - jasper type of pale variety and containing some quartzite beds, bedding at 65°		2.7	15	22	16
107.7-125.0	Ferriferous Quartzite - thinly bedded at 65° to 75° to core, massive, light in color, contains six 5" zones of iron formation which individually would average from 40 to 60% magnetite.					
125.0-129.0	Iron Formation - quartzite type but containing some pale jasper, magnetite beds vary in width from 1/32" to 5/8" but with 1/4 being the more common.		4.0	20	29	21

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PROPERTY Cynthia - Chambers I

HOLE NUMBER 3

SHEET NUMBER 2

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	o/o Fe_3O_4 GOLD by vol.	o/o Fe_3O_4 SLUDGE by Wt.	o/o Fe_3O_4 o/o Fe
129.0-134.6	Ferriferous Quartzite - thinly bedded at 80° to core, massive, occasional magnetite rich bed.		5.6	2		3
134.6-202.0	Iron Formation - thinly bedded at 60° to 80° to core, massive, some development of secondary quartz veinlets at low angle to core, this is most prominent in the beds carrying magnetite where the quartz veinlets form a ladder structure					
	134.6 - 140.0 - thinly bedded quartzite type, common width of magnetite beds 1/8" to 3/8", beds at 70° to core, massive.		5.4	23	33	24
	140.0 - 145.0 - low grade and could be classed as ferriferous quartzite, magnetite in 1/2" to 1" beds but widely scattered		5.0	15	22	16
	145.0-150.0 - magnetite rich zones with intervening areas of barren quartzite.		5.0	21	30	22

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PROPERTY Cynthia - Chambers I

HOLE NUMBER 3

SHEET NUMBER 3

SECTION FROM ... TO

DIAMOND DRILL RECORD

LOCATION: LAT
DEP

ELEVATION OF COLLAR

DATUM

DIRECTION AT START BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

FOOTAGE	FORMATION	SAMPLE NO.	WIDTH	CORE %	RECOVERY %	
	- from 145.5 to 146.5 pyrite appears in the form of disseminations, in beds as a magnetite replacement and a ladder veins crossing a bed of magnetite					
	150.0 - 155. 0 - magnetite beds 1/16" to 1/4" in quartzite except for the last 1'8" of the section which is predominantly quartzite carrying some low grade magnetite beds.		5.0	18	25	19
	155.0 - 160.0 - for the first 2½' of this section the magnetite is largely in desseminated form occurring medium to dark gray quartzitic beds, for the remainder it is found in 1/8" to 5/8" beds at 70° to core		5.0	23	33	24
	160.0 - 165.0 - quartzite type with strong development of fine quartz ladder structure in magnetite beds, about 40% of magnetite is in disseminated form within dark grey quartzite beds.		5.0	20	29	22

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HOLE NUMBER 3

SHEET NUMBER 4

SECTION FROM ..... TO .....

DIAMOND DRILL RECORD

LOCATION: LAT. .....
DEP .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	% Fe_3O_4 by vol.	SLUDGE GMS	
	165.0 - 170.0 - quartzite type with magnetite beds at 75° to core, 30% of magnetite content disseminated in dark gray beds.		5.0	30	41	31
	170.0 - 173.0 - quartzite type with sparse magnetite beds.		3.0	15	22	16
	173.0 - 177.0 - ferriferous quartzite with scattered thin magnetite beds at 70° to core		4.0	5	8	6
	177.0 - 182.0 - quartzite type with occasional narrow zone containing pale jasper, 30% of contained magnetite in disseminated form, remainder as 1/8" to 3/8" beds at 70° to core		5.0	30	41	31
	182.0 - 187.0 - alternate beds of white and medium gray quartzite, 20% of contained magnetite in disseminated form, remaindor as 1/8" to 3/8" beds at 75° to core, occasional secondary quartz veinlets at low angle to core.		5.0	22	32	23

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HOLE NUMBER 3
SHEET NUMBER 5
SECTION FROM 187.0 TO 220.0

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP.
ELEVATION OF COLLAR
DATUM
DIRECTION AT START: BEARING
DIP

STARTED
COMPLETED
ULTIMATE DEPTH
PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	o/o Fe_3O_4 by vol.	SLUDGE GOLD $	
	187.0 - 190.5 - quartzite type with bulk of magnetite contained to two 5" zones of pale jasper and magnetite beds.		2.5	10	15	12
	190.5 - 193.0 - largely jasper type but with some intervening medium gray quartzite, 15% of contained magnetite in disseminated form, remainder as 1/16" to 1/2" beds.		2.5	35	47	35
	193.0 - 195.5 - ferriferous quartzite occasional thin magnetite rich bed.		2.5	1		1
	195.5 - 202.0 - white to medium gray quartzite containing zones 4" to 18" thick of magnetite rich beds, some jasper development.		6.5	17	25	18
202.0 - 241.8	Ferriferous quartzite 202.0 - 220.0 - largely thinly bedded white and medium gray quartzite with occasional narrow zones containing magnetite rich beds and some jasper.					

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HOLE NUMBER 3

SHEET NUMBER 6

DIAMOND DRILL RECORD

SECTION FROM 220.0 TO 236.3

LOCATION: LAT.

DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING

DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD $ / % Fe_3O_4 by vol.	SLUDGE GOLD $	
	220.0 - 222.0 - weakly brecciated zone containing a strong development of pyrite in the form of streaks and masses.		2.0			
	222.0 - 225.3 - brecciated quartzite weakly disseminated and streaked by pyrite, occasional carbonate streaks.		3.3			
	225.3 - 231.0 - thinly bedded by light and medium grey quartzite at 60° to core, two 4" zones contain apprecable amounts of magnetite beds.					
	231.0 - 232.3 - jasper type iron formation numerous quartz threads at low angle to core		1.3	32	43	32
	232.3 - 234.9 - thinly bedded light and medium gray quartzite, some disseminated magnetite		2.6	2		3
	234.9 - 236.3 - jasper type iron formation, numerous secondary quartz veining.		1.4	30	41	31

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HOLE NUMBER 3

SHEET NUMBER 7

SECTION FROM 236.3 TO 253.7

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	LENGTH OF SAMPLE	[illegible]	[illegible]	
	236.3 - 241.8 - thinly bedded white, yellow to medium quartzite at 55° to 70° to core, occasional magnetite rich beds.					
241.8 - 456.0	Iron Formation - mixture of gray and jasper type of iron formation with no clear line of demarcation from one to the other.					
	241.8 - 248.7 - thinly bedded with bulk of magnetite in beds varying from 1/16 to 1/4" in thickness.		6.9	20	29	22
	248.7 - 252.2 - thinly bedded type with much of magnetite in desseminated form through out medium to dark gray beds, core cut and partially obscured by a low angle carbonate stringer.		3.5	15	22	16
	252.2 - 253.7 - thinly bedded quartzite, occasional magnetite rich bed		1.5	5	8	6

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HOLE NUMBER 3

SHEET NUMBER 8

DIAMOND DRILL RECORD

SECTION FROM 253.7 TO 285.0

LOCATION: LAT.
DEP

STARTED

ELEVATION OF COLLAR

COMPLETED

DATUM

ULTIMATE DEPTH

DIRECTION AT START BEARING
DIP

PROPOSED DEPTH

DEPTH FT.	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	o/o Fe_3O_4 GOLDEN GOLD by vol.	o/o Fe_3O_4 GOLDEN GOLD by weight	% Fe
	253.7 - 260.0 - alternate white and gray quartzite interbedded with magnetite, bedding at 70°, pyrite occurs in a 1/2" chlorite bed at 258 and on a joint plane at 257.		6.3	17	24	18
	260.0 - 265.0 - 1/16" to 3/4" magnetite layers interbedded with white to medium gray quartzite, bedding at 60° - 75° to core.		5.0	22	32	23
	265.0 - 270.0 - as above, occasional pink jasper coloration, occasional specks of pyrite.		5.0	27	38	28
	270.0 - 275.0 - as above, thin films of pyrite on widely spaced joints cutting core at 45°.		5.0	21	30	22
	275.0 - 280.0 - as above, weak pyrite disseminations occur in narrow bed at 276.3		5.0	24	34	24
	280.0 - 285.0 - as above, prominent joints at right angle to bedding.		5.0	26	37	27

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HOLE NUMBER 3

SHEET NUMBER 9

DIAMOND DRILL RECORD

SECTION FROM 285.0 W TO 315.0

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	% Fe_2O_4 GOOD by vol.	% Fe_3O_4 SLUDGE by wt.	Fe_3O_4 % Fe.
	285.0 - 290.0 - interbedded white to medium gray quartzite and magnetite, 20% of contained magnetite is of disseminated variety, strong pyrite streaks from 287 to 290.		5.0	18	26	20
	290.0 - 295.0 - jasper type with 30% gray quartzite, some contorted quartz threads at low angle to core, bedding at 80° to core.		5.0	27	38	28
	295.0 - 300.0 - as above, numerous joints at 5°, 15% of magnetite beds are of martite variety.		5.0	28	39	29
	300.0 - 305.0 - jasper type with 10% white quartzite and chloritic beds, contorted quartz threads at 5%, 10% of contained magnetite is in disseminated form.		5.0	28	39	29
	305.0 - 310.0 - jasper type, 60% of contained magnetite is martite variety, bedding at 80°.		5.0	29	40	30
	310.0 - 315.0 - jasper and gray quartzite, magnetite in jasper zones is non magnetic.		5.0	29	40	30

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HOLE NUMBER 3

SHEET NUMBER 10

SECTION FROM 315.0 TO 340.0

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	% Fe_3O_4 by vol.	% Fe_3O_4 by wt.	% Fe
	315.0 - 320.0 - jasper and gray quartzite in equal proportions and merging one to the other, 1/16" to 3/8" magnetite beds, bulk of magnetite in jasper zones is martite variety.		5.0	27	38	28
	320.0 - 325.0 - largely gray quartzite type with four 3" zones of jasper, no observed martite, over 6" width at 324 the beds are rich in pyrite.		5.0	18	26	20
	325.0 - 330.0 - light to dark grey quartzite with one zone of 14" of jasper type, jasper iron is of martite variety, bedding at 80°, occasional narrow bed carries weak pyrite.		5.0	24	34	25
	330.0 - 335.0 - largely jasper variety in which magnetite is largely martite.		5.0	27	38	28
	335.0 - 340.0 - light to dark gray quartzite with 4 narrow zones of jasper type, most of magnetite in jasper is martite variety, scattered quartz threads at low angle to core.		5.0	22	32	23

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HOLE NUMBER 3

SHEET NUMBER 11

DIAMOND DRILL RECORD

SECTION FROM 340 TO 370.0

LOCATION: LAT.
DEP

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

FEET	FORMATION	SAMPLE NO.	WIDTH	GOLD	SILVER	
	340.0 - 345.0 - light to dark gray quartzite 10% of contained magnetite is dessiminated throughout the dacite to red. gray quartzite, bedding at 80°.		5.0	23	33	24
	345.0 - 350.0 - light to medium gray quartzite but including two narrow jasper type zones, no observed martite, 8" breccia zone at 345.		5.0	18	26	20
	350.0 - 354.0 - light quartzite and jasper type, bedding at 75°.		4.0	20	29	22
	354.0 - 357.5 - thinly bedded quartzite containing occasional narrow magnetite bed.		3.5	2		3
	357.5 - 365.0 - grey quartzite type containing two 8" zones of jasper, magnetite in beds ranging from 1/16" to 7/8"		7.5	15	22	16
	365.0 - 370.0 - thinly bedded and with alternate zones of gray quartzite and jasper types, occasional specks of pyrite.		5.0	15	22	16

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HOLE NUMBER 3

SHEET NUMBER 12

DIAMOND DRILL RECORD

SECTION FROM 370.0 TO

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	o/o Fe_3O_4 GOLD by vol.	o/o Fe_3O_4 GOLD by weight	% Fe
	370.0 - 375.0 - jasper type but containing one 1" zone light thinly bedded quartzite with no magnetite.		5.0	16	23	17
	375.0 - 376.6 - thinly bedded white to dark gray quartzite containing weakly disseminated magnetite.		1.6	5	8	6
	376.6 - 337.7 - white quartzite with streaks and vuggy masses of pyrite.		1.1			
	377.7 - 382.7 - white to light gray quartzite with occasional chloritic beds, no magnetite.		5.0	0	0	
	382.7 - 392.1 - gray quartzite. type with several zones of light quartzite carrying no magnetite.		9.4	10	15	12
	392.1 - 400.0 - gray quartzite type with magnetite in both narrow beds and strongly disseminated throughout gray quartzite.		7.9	20	29	22
	400.0 - 405.0 - gray quartzite type containing two narrow jasper zones, bedding at 70° except for section.		5.0	23	33	24

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HOLE NUMBER 3

SHEET NUMBER 13

DIAMOND DRILL RECORD

SECTION FROM 405.0 TO 425.0

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	o/o Fe_3O_4 by vol.	o/o Fe_3O_4 by weight	o/o Fe.
	403.0 to 404.5 where it is contorted and brecciated.					
	405.0 - 410.0 - predominantly jasper type with magnetite content confined largely to definite beds, occasional quartz filled joints at 10° and 40°		5.0	24	34	24
	410.0 - 413.3 - jasper type with some section of light quartzite, some magnetite disseminated in gray quartzite beds but predominantly in beds at 70° to core		3.3	24	34	24
	413.3 - 421.3 - alternate zones of gray quartzite on jasper with magnetite and thinly bedded quartzite carrying weak disseminations of magnetite, bedding from 45° to 70° to core.		8.0	15	22	16
	421.3 - 425.0 - gray quartzite type with some zones carrying a faint jasper coloration, magnetite from 1/16" to 5/8" at at 30° to 70° to core.		3.7	23	33	24

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HOLE NUMBER 3

SHEET NUMBER 14

SECTION FROM 425.0 TO 456.0

DIAMOND DRILL RECORD

LOCATION: LAT. .....
DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING .....
DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	% Fe_3O_4 GOLD by vol.	% Fe_3O_4 SLUDGE GOLD by weight	% Fe.
	425.0 - 430.0 - gray quartzite type with 70% of contained magnetite in form of defined beds, remainder disseminated, bedding at 60° to 80° to core.		5.0	17	24	18
	430.0 - 435.0 - as above		5.0	16	23	17
	435.0 - 440.0 - gray quartzite type with 1/16" to 3/8" magnetite beds at 60° to core		5.0	24	34	24
	440.0 - 445.0 - thinly bedded gray quartzite and magnetite, magnetite beds 1/16" to 3/4" in thickness.		5.0	18	26	20
	445.0 - 450.0 - thinly bedded gray quartzite and magnetite, occasional green chloritic beds, bedding at 75° to core, quartz filled joints at 10° and 45° to core.		6.0	15	22	16
	450.0 - 456.0 - gray quartzite type with magnetite in form of scattered beds and also disseminated through the dark gray quartzite members.					

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HOLE NUMBER 3

SHEET NUMBER 15

SECTION FROM 456.0 TO 525.0

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	[illegible]	
456.0 - 481.1	quartzite - alternate beds of white, medium gray and yellow green quartzite with occasional narrow zones containing thin beds of magnetite, bedding at 75° to core					
481.1 - 508.0	Agglomerate - massive, medium green with gray and dark green angular to sub angular fragments.					
508.0 - 515.6	Feldspathic quartzite - gray, medium grain, massive, quartz filled jointed at 10°, 30° and 50°					
515.6 - 544.0	Agglomerate - massive, gray to medium green, weakly mineralized by scattered streaks and disseminations of pyrite and minor pyrrhotite.					
	515.6 - 520.0 - very weak disseminations of pyrite.		4.4			
	520.0 - 525.0 - chlorite, some weak shearing or squeezing at 50°, occasional patches of disseminated pyrite.		5.0			

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HOLE NUMBER 3

SHEET NUMBER 16

SECTION FROM 525.0 TO 570.0

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP
ELEVATION OF COLLAR
DATUM
DIRECTION AT START: BEARING
DIP

STARTED
COMPLETED
ULTIMATE DEPTH
PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $	
	525.0 - 530.0 - as above		5.0			
	530.0 - 535.0 - as above		5.0			
	535.0 - 540.0 - as above		5.0			
	540.0 - 544.0 - as above		4.0			
544.0 - 553.0	Ferriferous quartzite - thinly bedded at 45° to core, massive, quartz fitted joints at 30° to 50°.					
553.0 - 555.0	Conglomerate - massive, small to large quartzite fragments.					
555.0 - 560.3	Feldspathic quartzite - massive, light gray, medium grained with bottom and coarser part of bed at 555					
560.3 - 567.5	Quartzite - alternate white and light yellow green beds at 50° to core.					
	565.8 - 566.5 - white quartzite containing chlorite wisps and strong pyrite mineralization		0.7			
567.5 - 575.0	Conglomerate?					
	567.5 - 570.0 - streaks of chloritic alteration, disseminated and streaky pyrite associated with chlorite	2.5				

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HOLE NUMBER 3

SHEET NUMBER 17

SECTION FROM 570.0 TO

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP.

STARTED

ELEVATION OF COLLAR

COMPLETED

DATUM

ULTIMATE DEPTH

DIRECTION AT START: BEARING
DIP

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	570.0 - 575.0 - streaks of chloritic alteration, weak shearing at 60°, disseminated and streaky pyrite associated with the chlorite.		5.0				
575.0-723.1	Dacite - massive, fine to medium grain, light gray, occasional jointing at 45° to core.						
	575.0 - 597.0 - irregular streaks and masses of chloritic alteration.						
	597.0 - 704.5 - massive, uniform gray, quartz filled joint planes at 12" to 18" intervals and at 30° to 60° to core.						
	704.5 - 710.0 - massive, fine grained, chloritic alteration, weak scattered pyrite.		5.5				
	710.0 - 715.0 - as above		6.5				
	715.0 - 721.5 - as above						
	721.5 - 723.1 - massive, strong chlorite alteration, strong streaky and disseminated pyrite.		1.6				

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HOLE NUMBER 3

SHEET NUMBER 18

SECTION FROM 723.1 TO 751.7

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	% Fe_3O_4 GOLD by vol.	% Fe_3O_4 SLUDGE GOLD by wt.	% Fe.
723.1-740.3	Iron Formation - massive, predominantly gray quartzite with magnetite beds but also containing narrow zones of jasper with magnetite.		17.2	15		
740.3-741.7	Agglomerate - massive, fine grained, medium green					
741.7-744.0	Iron Formation - strongly jointed gray quartzite and jasper with magnetite.		2.3	10	15	12
744.0-746.0	Agglomerate - contains weakly disseminated pyrite.					
746.0-748.5	Iron Formation - brecciated and contorted gray quartzite and magnetite.		2.5	17	24	18
748.5-750.6	Agglomerate - massive, medium green, scattered specks of pyrite.					
750.6-751.7	Iron Formation - gray quartzite and magnetite beds, bedding at 60° to core, strongly brecciated.					

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HOLE NUMBER 3

SHEET NUMBER 19

DIAMOND DRILL RECORD

SECTION FROM 751.7 TO 761.2

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
751.7-760.6	Agglomerate - massive, medium green, light colored sub-angular fragments.						
760.6-761.2	Iron formation - gray quartzite with magnetite, brecciated.						
	END OF HOLE						

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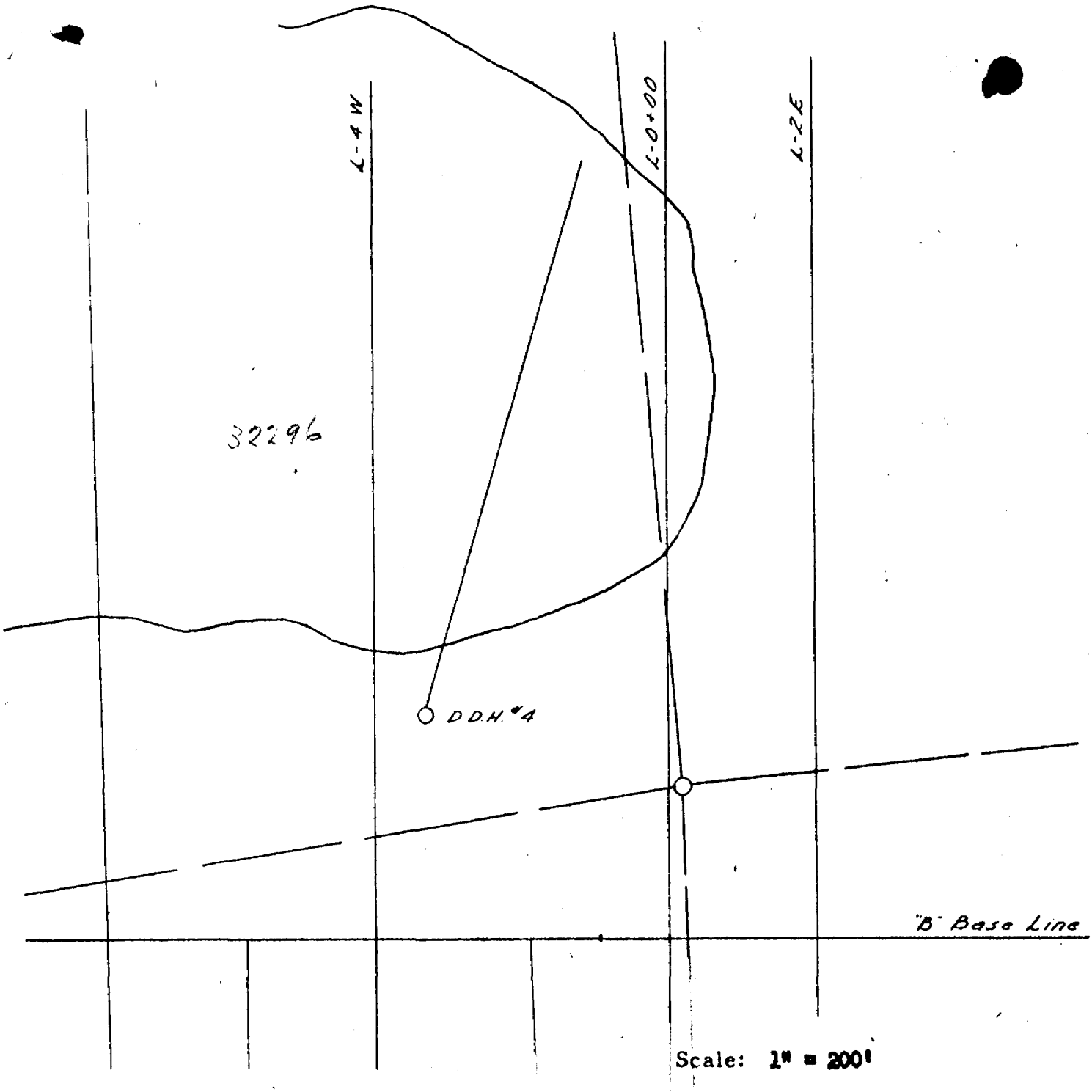
DRILLED BY Canadian Longyear.

SIGNED D.K. Burke,



Scale: 1" = 200'

Cynthia Twp.

T 32296

PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 1

SECTION FROM 0 TO 73.0

DIAMOND DRILL RECORD

LOCATION: LAT. 310' N of "B" Base Line
DEP. 70' E of Line 4 West

ELEVATION OF COLLAR

DATUM

DIRECTION AT START BEARING N 17° E
DIP 0 - 45°, 250-37°, 500-31°, 795-29°.

STARTED October 11, 1954

COMPLETED October 21, 1954

ULTIMATE DEPTH 795.3

PROPOSED DEPTH 750

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $	
0	Collar					
0 - 10.0	Casing above solid					
10.0 - 73.0	Andesite - light green, fine grained, largely massive but for section from 10 to 55 which contains a number of open joints now composed of rust, parts of this same section are weakly sheared. 10.0 - 20.0 - weak shearing at 45° except at 13.0, 13.6, 15.6, 17.8 and 18.6 where shearing is intense over 2" widths, these are now composed largely of rust 20.0 - 30.0 - weak to moderate shearing at 50° to core 30.0 - 55.0 - weak shearing at 50° to core, occasional small rust zone. 55.0 - 73.0 - light gray green, fine grained, massive but for a very weak shear at 62.0					

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DRILLED BY Canadian Longyear. Drill core is stored at the Larder Lake warehouse of Dominion Gulf Co.

SIGNED D.K. Burke.

PROPERTY Cynthia-Chambers I

HOLE NUMBER 4

SHEET NUMBER 2

DIAMOND DRILL RECORD

SECTION FROM 73.0 TO 142.1

LOCATION: LAT. ..... DEP. .....

ELEVATION OF COLLAR .....

DATUM .....

DIRECTION AT START: BEARING ..... DIP .....

STARTED .....

COMPLETED .....

ULTIMATE DEPTH .....

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
73.0 - 79.2	Shear Zone - strong chlorite - talc shear at 60° to core, numerous quartz-calcite streaks.						
79.2 - 114.0	Andesite 79.2 - 103.3 - massive, moderate carbonatization prominent joints at 30° and 60° to core, some of these are filled with quartz-carbonate stringers. 103.3 - 106.0 - lost core. 106.0 - 114.0 - massive, light gray green, moderate carbonatization, jointing at 30° and 60°.						
114.0 - 159.2	Carbonate Zone - carbonatized andesite 114.0 - 135.0 - massive, highly carbonatized andesite with minor silicification. 135.0 - 136.0 - lost core 136.0 - 137.7 - massive carbonate containing chlorite slips at 45° and 80° 137.7 - 138.8 - lost core 138.8 - 142.1 - massive carbonate, strongly jointed.						

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DRILLED BY .....

SIGNED .....

PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 3

SECTION FROM 142.1 TO 175.9

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
	142.1 - 144.2 - lost core						
	144.2 - 146.8 - massive carbonate, moderate jointing, very weak disseminations of pyrite.						
	146.8 - 148.3 - lost core						
	148.3 - 156.0 - massive carbonate, moderate jointing, occasional quartz streak.						
	156.0 - 159.2 - massive carbonate, strongly jointed and shattered.						
159.2 - 177.0	Andesite - strong carbonatization and serpentinization, occasional shears.						
	159.2 - 163.1 - strong carbonate, moderate shearing at 70°, very weak pyrite.	023	3.9				
	163.1 - 167.1 - as above.	024	4.0				
	167.1 - 171.7 - as above	025	4.6				
	171.7 - 173.7 - moderate shearing at 60°, 40% quartz streaks, strong pyrite mineralization in form of streaky zones at 30° to core.	026	2.0				
	173.7 - 175.9 - as above	027	2.2				

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HOLE NUMBER 4

SHEET NUMBER 4

DIAMOND DRILL RECORD

SECTION FROM 175.9 TO 21

LOCATION: LAT. / DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING / DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $	
	175.9 - 177.1 - silicified andesite, weak shearing at 70° to core.					
177.1 - 210.1	Breccia Zone - siliceous angular to sub angular fragments in a green chloritic greenstone matrix, in part strongly silicified.					
	177.1 - 182.0 - strong silicification, very weak pyrite in form of streaks and small masses.		4.9			
	182.0 - 186.5 - as above.		4.5			
	186.5 - 191.0 - as above.		4.5			
	191.0 - 195.0 - strong to moderate silicification, massive, weak disseminated and streaky pyrite		4.0			
	195.0 - 201.0 - strongly chloritized with siliceous fragments, massive, weak fine disseminated pyrite.		6.0			
	201.0 - 205.5 - strong silicification, massive, very weak disseminated pyrite		4.5			
	205.5 - 210.1 - as above, lower contact at 60° to core.		4.6			

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PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 5

SECTION FROM 210.1 TO

DIAMOND DRILL RECORD

LOCATION: LAT. DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	% Fe_3O_4 by Vol.	% Fe_3O_4 by Wt.	% Fe.
210.1 - 217.2	Andesite - strongly altered by chlorite, carbonate and sericite					
217.2 - 244.5	Ferriferous Quartzite - alternate beds of white, light gray and dark gray quartzite with occasional weak disseminations and narrow beds of magnetite, occasional streaks and weak disseminations of finely crystalline pyrite, bedding at 70°.					
244.5 - 269.2	Iron Formation.					
	244.5 - 247.8 - white and gray quartzite interbedded with jasper and minor magnetite beds, bedding at 70°		3.3	10	15	12
	247.8 - 250.5 - jasper type, interbedded magnetite and jasper with scattered beds of white to gray quartzite.		2.2	21	30	22
	250.5 - 255.0 - interbedded white to gray quartzite with scattered magnetite beds, occasional pyrite.		4.5	7	11	8

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HOLE NUMBER 4

SHEET NUMBER 6

DIAMOND DRILL RECORD

SECTION FROM 255.0 TO 283.1

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	% Fe_3O_4 by Vol.	% Fe_3O_4 by Wt.	% Fe.
	255.0 - 260.0 - massive, interbedded jasper, white to gray to gray quartzite and magnetite, bedding at 60°, contains 4" to 6" zones of white quartzite completely free of magnetite.		5.0	14	20	15
	260.0 - 265.0 - as above, bedding from 40° to 60° to core, occasional quartz streaks at 15° to 70°		5.0	18	26	19
	265.0 - 269.2 - predominantly interbedded jasper and magnetite but with occasional zones of white quartzite, bedding at 50° - 70°.		4.2	19	28	20
	Breccia Zone - predominantly white to gray quartzite, thinly interbedded and containing zones of jasper with white quartzite - all now brecciated and cut by numerous quartz threads, magnetite is sparsely scattered in form of beds and disseminations.		13.9	2		3

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DRILLED BY

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HOLE NUMBER 4

SHEET NUMBER 7

DIAMOND DRILL RECORD

SECTION FROM 283.1 TO 308.0

LOCATION: LAT.
DEP

STARTED

ELEVATION OF COLLAR

COMPLETED

DATUM

ULTIMATE DEPTH

DIRECTION AT START: BEARING
DIP

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	% Fe_3O_4 by Vol.	% Fe_3O_4 SLUDGE by Wt.	% Fe.
	Ferriferous Quartzite - predominantly a thinly bedded white to dark gray quartzite but containing zones 4" to 10" wide consisting of interbedded jasper, quartzite and magnetite.					
	283.1 - 293.0 - interbedded white to dark gray quartzite at 75° to core, occasional weak pyrite.		9.9			
	293.0 - 294.0 - interbedded quartzite, pale jasper and magnetite		1.0	24	34	24
	294.0 - 296.9 - thinly bedded quartzite with occasional magnetite bed.		2.9	1		1
	296.9 - 298.9 - thinly bedded jasper and magnetite containing two 4" zones of quartzite.		2.0	25	36	26
	298.9 - 302.0 - thinly bedded quartzite, occasional magnetite		3.1	1		1
	302.0 - 308.0 - alternate zones of quartzite with jasper and magnetite		6.0	15	22	16

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HOLE NUMBER 4

SHEET NUMBER 8

DIAMOND DRILL RECORD

SECTION FROM 308.0 TO 357.0

LOCATION: LAT.
DEP

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	% Magnetite by Vol.	% Magnetite by Wt.	% Fe.
	308.0 - 312.0 - thinly bedded white to yellow to gray quartzite, occasional magnetite		4.0	1		1
	312.0 - 314.0 - one 2" and one 5" zones of magnetite, gray quartzite and pale jasper thinly interbedded at 75° - remainder is quartzite.		2.0	15	22	16
	314.0 - 340.5 - white to medium gray quartzite interbedded at 70°, some narrow zones of brecciation, occasional disseminations of pyrite, sparse magnetite.		26.5	1		1
	340.5 - 342.5 - interbedded jasper and white quartzite, streaks and disseminations of pyrite, occasional thin magnetite beds.		2.0	5	8	6
	342.5 - 345.0 - thickly bedded white quartzite, numerous pyrite streaks.		2.5	1		1
	345.0 - 357.0 - alternate zones of white quartzite, with bedded jasper and quartzite, occasional thin beds of magnetite.		12.0	2		3

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HOLE NUMBER 4

SHEET NUMBER 9

DIAMOND DRILL RECORD

SECTION FROM 357.0 TO 398.6

LOCATION: LAT. DEP

ELEVATION OF COLLAR

DATUM

DIRECTION AT START BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	% Fe_3O_4 by Vol.	% Fe_3O_4 by Wt.	% Fe.
	357.0 - 366.8 - predominantly jasper type of lean iron formation but with numerous narrow zones of bedded white quartzite, numerous quartz-calcite streaks at varying angles to core, bedding at 80°.		9.8	18	26	19
	366.8 - 382.0 - thickly bedded white to yellow to gray quartzite containing narrow zones of jasper and magnetite		15.2	10	15	12
382.0 - 461.7	Iron Formation - lean type of the jasper variety, predominantly a pale variety of the jasper interbedded with white quartzite and minor magnetite.					
	380.0 - 390.4 - interbedded pale jasper, white to yellow quartzite and magnetite, bedding at 70° to core.		10.4	18	26	19
	390.4 - 398.6 - interbedded pale jasper and magnetite with numerous zones of white quartzite, qtz-calcite streaks.		8.2	12	18	13

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HOLE NUMBER 4

SHEET NUMBER 10

DIAMOND DRILL RECORD

SECTION FROM 398.6 TO 445.0

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	% Fe_3O_4 by Vol.	% Fe_3O_4 by Wt.	
	398.6 - 402.7 - interbedded pale jasper and magnetite containing prominant beds of white quartzite, occasional pyrite.		4.1	20	29	22
	402.7 - 405.5 - interbedded pale jasper and quartzite with magnetite, brecciated,		2.8	20	29	22
	405.5 - 410.0 - interbedded pale jasper with minor white quartzite and magnetite, numerous irregular quartz threads and streaks,		4.5	21	30	22
	410.0 - 415.0 - as above.		5.0	23	33	24
	415.0 - 420.0 - as above, bedding at 80°		5.0	23	33	24
	420.0 - 425.0 - as above.		5.0	19	28	20
	425.0 - 430.0 - interbedded pale jasper, white quartzite and magnetite, occasional quartz-calcite threads at varying angles to core.		5.0	16	23	17
	430.0 - 435.0 - as above, bedding at 40° to 70°		5.0	19	28	20
	435.0 - 440.0 - as above.		5.0	17	24	18
	440.0 - 445.0 - interbedded quartzite, jasper and magnetite, prominent cross-bedding .		5.0	16	23	17

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HOLE NUMBER 4

SHEET NUMBER 11

DIAMOND DRILL RECORD

SECTION FROM 445.0 TO 507

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	% Fe_3O_4 by Vol.	% Fe_3O_4 by Wt.	% Fe.
	445.0 - 450.0 - interbedded jasper and white quartzite with minor magnetite, bedding at 50° - 80° to core.		5.0	6	9	7
	450.0 - 455.0 - as above.		5.0	18	26	19
	455.0 - 461.7 - as above, bedding at 30°		6.7	18	26	19
461.7 - 478.6	Andesite - possibly a dyke, contact at 70°, massive, fine grained, chloritic, carbonatized, medium green.					
478.6-547.9	Iron Formation					
	478.6 - 485.0 - thinly bedded, jasper, quartzite and magnetite, numberous quartz threads and streaks at varying angles, bedding at 75°		6.4	16	23	17
	485.0 - 490.0 - as above.		5.0	21	30	22
	490.0 - 494.8 - as above.		4.8	20	29	22
	494.8 - 499.3 - interbedded white to gray quartzite, occasional magnetite		4.5	1		1
	499.3 - 507.0 - thinly bedded jasper and quartzite with magnetite in form of beds and disseminations.		7.7	17	24	18

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PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 12

DIAMOND DRILL RECORD

SECTION FROM 507.0 TO 530.1

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH - FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	% Fe_2O_4 by Vol.	% Fe_2O_4 by Wt.	% Fe.
	507.0 - 509.5 - thickly bedded white quartzite with minor gray quartzite and magnetite.		2.5	1		1
	509.5 - 515.3 - thinly bedded jasper and quartzite with minor magnetite largely in disseminated form throughout the jasper		5.8	15	22	16
	515.3 - 516.8 - thickly bedded white quartzite with occasional beds of jasper and magnetite		1.5	2		3
	516.8 - 522.2 - thinly bedded jasper, quartzite and magnetite, much of magnetite disseminated in jasper		5.4	22	32	23
	522.2 - 524.9 - thickly bedded quartzite with occasional jasper - magnetite zones.		2.7	11	17	13
	524.9 - 529.4 - thinly bedded quartzite, jasper and magnetite, bedding at 80°		4.5	24	34	24
	529.4 - 530.1 - white to gray quartzite with occasional magnetite bed.		0.7	2		3

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PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 13

SECTION FROM 530.1 TO 557.5

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

FOOTAGES	FORMATION	SAMPLE No	WIDTH OF SAMPLE	% Fe_3O_4 by Vol.	% Fe_3O_4 by Wt.	% Fe.
	530.1 - 532.2 - thinly bedded jasper and magnetite		2.1	25	36	26
	532.2 - 533.0 - thinly bedded quartzite, occasional magnetite		0.8	1		1
	533.0 - 537.0 - thinly bedded jasper and quartzite with minor magnetite		4.0	14	20	15
	537.0 - 540.2 - thickly bedded quartzite with occasional thin beds of magnetite.		3.2	5	8	6
	540.2 - 542.3 - thinly bedded jasper and magnetite with occasional narrow bed of white quartzite.		2.1	24	34	24
	542.3 - 546.5 - predominantly thickly bedded white quartzite with occasional zones of pale jasper and magnetite, bedding at 80°		4.2	12	18	14
	546.5 - 547.9 - thinly bedded jasper and magnetite.		1.4	25	36	26
547.9-577.7	Ferriferous Quartzite - thinly bedded at 45° to 80° to core, massive					
	547.9 - 557.5 - thinly bedded white, yellow and gray quartzite containing scattered magnetite beds.		8.6	15	22	16

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PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 14

DIAMOND DRILL RECORD

SECTION FROM 557.5 TO 607.5

LOCATION: LAT.
DEP.

STARTED

ELEVATION OF COLLAR

COMPLETED

DATUM

ULTIMATE DEPTH

DIRECTION AT START: BEARING
DIP

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	% Fe_3O_4 by Vol.	% Fe_3O_4 by Wt.	% Fe.
	557.5 - 572.0 - thinly bedded with occasional magnetite bed		14.5	6	9	7
577.7 - 628.8	Conglomerate - poorly sorted, large and small fragments angular to sub-angular in shape, commonly massive though containing some shears and pyrite mineralization					
	577.7 - 582.0 - massive with occasional weak shear at 80°, weak pyrite.		4.3			
	582.0 - 587.0 - massive, scattered weak fine pyrite.		5.0			
	587.0 - 592.0 - as above.		5.0			
	592.0 - 597.0 - massive, scattered weak fine pyrite with one 6" zone of strong pyrite at 594		5.0			
	597.0 - 601.0 - zone of jasper type iron formation, partially brecciated.					
	601.0 - 604.0 - very weak shear at 60°, scattered fine pyrite.		3.0			
	604.0 - 607.5 - moderate to strong shear at 70°, strong pyrite.		3.5			

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PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 15

DIAMOND DRILL RECORD

SECTION FROM 607.5 TO 649.1

LOCATION: LAT.
DEP.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	XXXXXX	SLUDGE GOLD ¢	
	607.5 - 612.5 - weak to moderate shear at 70°, weak fine scattered pyrite.		5.0			
	612.5 - 617.0 - very weak scattered shears, very weak pyrite.		4.5			
	617.0 - 622.0 - massive, sparse pebbles, moderate to strong pyrite.		5.0			
	622.0 - 628.8 - occasional weak shear, weak scattered pyrite		6.8			
628.8 - 649.1	Quartzite - massive, contains narrow zones of weak of moderate pyrite mineralization, bedding at 80°, from 640 to 649 the quartzite is in part ferriferous.					
	628.8 - 634.0 - scattered zones of weak pyrite in thickly bedded white quartzite.		5.2			
	634.0 - 639.6 - as above.		5.6			
649.1 - 740.0	Iron Formation - predominantly the jasper type with a percentage of the magnetite in the form of martite.					

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PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 16

DIAMOND DRILL RECORD

SECTION FROM 649.1 TO 685.0

LOCATION: LAT.
DEP.

STARTED

ELEVATION OF COLLAR

COMPLETED

DATUM

ULTIMATE DEPTH

DIRECTION AT START: BEARING
DIP

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	% Fe_3O_4 by vol.	% Fe_3O_4 by Wt.	% Fe.
	649.1 - 651.0 - thinly bedded jasper and magnetite, bedding at 80°.		1.9	17	24	
	615.0 - 656.4 - bedded jasper and white quartzite with occasional magnetite		5.4	7	11	8
	656.4 - 660.0 - interbedded jasper, gray quartzite and magnetite, 5% of the contained magnetite is martite		3.6	20	29	22
	660.0 - 665.0 - interbedded, jasper, white to dark gray quartzite and magnetite, much of magnetite in disseminated from through jasper and gray quartzite.		5.0	22	32	23
	665.0 - 670;0 - as above.		5.0	22	32	23
	670.0 - 675.0 - as above, strong quartz stringer at low angle to core and at right angle to bedding, 5% of magnetite in form of martite.		5.0	22	32	23
	675.0 - 680.0 - thinly bedded jasper and magnetite with occasional white to gray quartzite, bedding at 80°.		5.0	23	33	24
	680.0 - 685.0 - interbedded white to gray quartzite with magnetite and minor jasper.		5.0	16	23	17

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PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 17

SECTION FROM 685.0 TO 725.0

DIAMOND DRILL RECORD

LOCATION LAT.
DEP

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING
DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	% Fe_3O_4 in rock by Vol.	% Fe_3O_4 in rock by Wt.	% Fe.
	685.0 - 690.0 - interbedded jasper, white to gray quartzite and magnetite.		5.0	27	38	28
	690.0 - 695.0 - as above, bedding at 75°, 5% of magnetite is in martite form.		5.0	29	40	30
	695.0 - 700.0 - interbedded jasper and magnetite with occasional white quartzite band, 5% of magnetite is in martite form.		5.0	34	46	35
	700.0 - 705.0 - thinly bedded jasper, magnetite and minor white quartzite, less than 5% martite.		5.0	25	36	26
	705.0 - 710.0 - as above.		5.0	25	36	26
	710.0 - 715.0 - interbedded jasper, gray quartzite and magnetite.		5.0	26	37	27
	715.0 - 719.0 - as above.		4.0	28	39	29
	719.0 - 725.0 - thinly bedded light gray to dark gray quartzite carrying disseminated magnetite and much fine pyrite, beds are severely contorted and also partially brecciated by numerous small amplitude faults at 45° and 80°.		6.0	25	36	26

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PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 18

DIAMOND DRILL RECORD

SECTION FROM 725.0 TO 750.5

LOCATION: LAT
DEP

STARTED

ELEVATION OF COLLAR

COMPLETED

DATUM

ULTIMATE DEPTH

DIRECTION AT START BEARING
DIP

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE No	WIDTH OF SAMPLE	% Fe_3O_4 by Vol.	% Fe_3O_4 by Wt.	% Fe.
	725.0 - 729.0 - as above.		4.0	25	36	26
	729.0 - 731.8 - thinly bedded light to dark gray quartzite and magnetite, bedding at 80°, weak to moderate fine pyrite.		2.8	25	36	26
	731.8 - 734.0 - thinly bedded light to dark gray quartzite, occasional magnetite, streaks of strong pyrite.		2.2	5	8	6
	734.0 - 735.5 - thinly bedded quartzite and magnetite, contorted.		15.	20	29	22
	735.5 - 738.4 - thinly bedded light to dark gray quartzite, occasional magnetite.		2.9	5	8	6
	738.4 - 740.0 - thinly bedded light to dark gray quartzite and magnetite.		1.6	22	32	23
740.0 - 790.8	Ferriferous Quartzite.					
	740.0 - 750.5 - Interbedded white and light gray quartzite, occasional 4" zones carry up to 40% magnetite.		10.5	5	8	6

NORTHERN MINER PRESS LIMITED TORONTO STOCK FORM NO 861 REV 8.44

DRILLED BY

SIGNED

PROPERTY Cynthia - Chambers I

HOLE NUMBER 4

SHEET NUMBER 19

SECTION FROM 750.5 TO

DIAMOND DRILL RECORD

LOCATION: LAT. DEP

ELEVATION OF COLLAR

DATUM

DIRECTION AT START BEARING DIP

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	% Fe_3O_4 By Vol.	% Fe_3O_4 By Wt.	% Fe.
	750.5 - 754.0 - thinly bedded light to dark gray quartzite and magnetite, occasional pyrite specks, bedding at 80o		3.5	13	18	14
	754.0 - 757.0 - interbedded white to med gray quartzite with occasional magnetite.		3.0	5	8	6
	757.0 - 764.7 - largely white quartzite with occasional narrow green chloritic beds.					
	764.7 - 774.? - thinly bedded light to dark gray quartzite and magnetite, bedding at 75o - 80o to core.		9.5	12	18	14
	774.? - 785.? - as above but with fewer magnetite beds.		11.0	5	8	6
	785.? - 790.3 - thickly bedded white quartzite with occasional yellow-green chloritic beds.					
790.3-795.3	Andesite - massive, medium green, fine grain, contact at 80o.					

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