

GM 20748

DIAMOND DRILL RECORD

Documents complémentaires

Additional Files



Licence



License

Cette première page a été ajoutée
au document et ne fait pas partie du
rapport tel que soumis par les auteurs.

Énergie et Ressources
naturelles

Québec 

SENATOR ROUYN MINES, LIMITED

Rouyn

LOGS OF D.D.H. NOS: S-1, S-2, 3, 4, S-4, 5, S-6, 7, S-8,
9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24,
25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39,
40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, S-53,
54, 55, 56, 57, 58, 59, 60, 61, 62, S-63, to S-76 incl.
77, 78, 79, S-80, 81, 82, S-83 to S-104, S-106, S-107, S-108,
S-109.

AUG 21 1949

MINISTÈRE des MINES, QUÉBEC
Bureau du géologue résident
ROUYN - NORANDA

Ministère des Richesses Naturelles, Québec

SERVICE DES GITES MINÉRAUX

No GM- 20748

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. **S-1¹¹⁻⁶**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION
Level: Surface

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION **S 1° 30' E**
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. **45° 43.16** DEP. **2413.45**

ANGLE

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE **400'**
TOTAL DEPTH
Location: **Block 83**

JOURNAL PAR **B.S.W.B.**
LOGGED BY

Dip. Collar **45° - 400' 42°**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.	132.5	Very coarse grained, grey diorite with considerable whitish feldspar.					
		25.5 6" quartz					
		132.5 Oxidized slip.					
132.5	146.0	Bleached, coarse grained diorite, a few threads quartz.					
		144.0 - 146.0 More strongly bleached, scattered sulphides.					
146.0	185.0	Dark grey, coarse grained diorite.					
185.0	220.00	Fine grained diorite.					
220.0	400.0	Medium, coarse grained diorite, gradually becoming coarse grained, light grey.					
		273.0 Possible fault.					
400.0		END OF HOLE					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DÉPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
TROU No. **8-2**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION
Level: **Surface**

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
Dip Collar: **58° - 283' - 62°**
LAT. **2887.73** DEP. **3118.80**
ELÉVATION, ORIFICE
ELEVATION, COLLAR
Location: **Block 8E**

ORIENTATION
BEARING **S 2° 00' E**
ANGLE
PROFONDEUR TOTALE
TOTAL DEPTH **283.1**

COMMENCÉ LE
DATE BEGUN
TERMINÉ LE
DATE FINISHED
JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.	10.0	Fine grained diorite.					
10.0	203.0	Coarse, even grained diorite.					
		20.0 - 22.0 Sheared with a little quartz.					
		116.0 - 118.0 Brecciated, some albitization and chlorite.					
		155.0 3" Quartz.					
		158.0 2" Quartz and carbonate and chlorite.					
		159.8 6" Quartz and carbonate.					
		167.0 - 169.5 White quartz, some chlorite.					
		172.0 3" Quartz or slip.					
		185.0 - 203.0 Fine grained diorite.					
203.0	283.0	Coarse grained, felspathic diorite.					
283.0		END OF HOLE.					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

TROU No. **2** ¹¹¹⁻⁶
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. **2**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION **S.24. 16W**
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. **N2635.97** DEP. **2299.32**

ANGLE **33.00**

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE **459'**
TOTAL DEPTH

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
40.	404.5	Strong fault. Lost core.					
404.5	409.5	Medium-grained diorite.					
	409.5	Possible fault - chips of core.					
409.5	427	Shear zone. Local alteration shearing at 65°.					
427	459	Fine grained dark grey diorite.					
	430.0 -	6" Shear					
	430.0 -	6" Shear					
	440.0 -	3" Shear					
	446.0 -	6" Shear					
	454.0 -	6" Shear with 3" quartz					
	458.5 -	6" Shear					
	459.0 -	END OF HOLE					

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION
Level: **Surface**

Dip:
COORDONNÉES ORIFICE 0-35° 30'
CO-ORDINATES COLLAR 450 - 33° 30'

ORIENTATION S 24- 16W
BEARING
Location: Block **44**
ANGLE

COMMENCÉ LE
DATE BEGUN

LAT. **2633.97** DEP. **2299.32**

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE **5007.5**
ELEVATION, COLLAR

PROFONDEUR TOTALE **459'**
TOTAL DEPTH

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	13.0	Casing					
13	335.0	Coarse even-grained grey diorite becoming light grey about 150'. 45.0 - 46.0 - Fine grained diorite dyke. 48.0 - 50.0 - Weakly sheared 3" calcite-fault? 94.0 Slip 100.0 Slip 131.5-134.5 - Silicified fine grained diorite dike. 156.5-161.6 - Round knots of porcelain-like silifications. 161.5-167.5 - Fine grained diorite dyke. 177.0-187.0 - Porcelain-like silifications in patches and from 182 - 186 completely altered. 219.0 6" albitization. 224.0-227.0 Patches porcelain-like silification. 228.0 Strong slip 234.0-238.0 Core broken up by numerous slips - fault zone. 238.0-292.0 Diorite- dark green.					
29	310.0	Diorite weakly altered and bleached.					
335.0	341.0	310.0 -335.0 Diorite, light green.					
341.0	379.5	Light grey completely silicified. Green coarse-grained diorite white feldspars to 360 then green medium-grained, diorite. 362 - 2" Quartz core at 30° with some coarse pyrite. 362 Weakly sheared over 6"					
379.5	398	Very coarse grained feldspathic diorite.					
398		Strong slip.					
398	402.5	Medium coarse-grained greenish diorite.					

TERRAIN SENATOR ROUYN LTD.
PROPERTYTROU No. 4
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No.**JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD**SECTION SurfaceCOORDONNÉES ORIFICE
CO-ORDINATES COLLARORIENTATION
BEARING 803° 41 ECOMMENCÉ LE
DATE BEGUNLAT. 2232.95 DEP. 2084.54ANGLE 0. -45° 00 -398-51° 00TERMINÉ LE
DATE FINISHEDÉLÉVATION, ORIFICE
ELEVATION, COLLAR 5017.59'PROFONDEUR TOTALE
TOTAL DEPTH 616'JOURNAL PAR
LOGGED BY B.S.W.B.Location: Block #44.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.	16.0	Casing					
16.0	33.0	Weakly sheared (50°) Medium grained diorite.					
33.0	51.5	Light purple, coarse grained aplite.					
51.5	120.0	Medium coarse grained light grey diorite.					
	78.5 - 80	Aplite					
	80.0	Strong slip					
	84.0 - 86.5	Slip					
	112	Slip with 6" quartz carbonate					
120	148.5	Fine grained light grey acid pillowed andesite.					
	137 -	6" Silicified.					
148.5	206.5	Medium even grained grey diorite.					
206.5	217	Fine grained altered andesite. Some fine sulphides.					
217	237.5	Medium fine-grained diorite.					
237.5	245	Fine grained altered andesite.					
245.0	282	Medium even grained diorite.					
	245 -	Strong slip.					
282	293	Fine grained green andesite. Locally scattered and cut by threads of quartz and carbonate.					
293	320	Medium grained dark grey diorite.					
	320	6" chilled sheared diorite with irregular quartz & carb.					
320	364.5	Medium fine grained diorite.					
	332 - 335 -	Weakly sheared- altered-carbonated, a few stringers of quartz.					
	339 - 340.2-	Sheared and carbonated.					
	343.5-345.5 -	Sheared and carbonated with 6" irregular mauve quartz and carbonate. (Ore zone?)					
364.5	379	Brownish purple carbonated porphyr dyke.					
379	398	Fine grained sheared acid andesite.					
		70% sericite carbonate schist.					
		Shearing at 70%					
	398	END OF HOLE					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
TROU No. **4**
FEUILLE No. **1 (2)**
SHEET No.
SECTION **Surface**

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S 3° 41' E**

COMMENCÉ LE
DATE BEGUN

LAT. **2232.95** DEP. **2084.54**

ANGLE **Collar 45°
398' 51"**

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR **5017.59**

PROFONDEUR TOTALE
TOTAL DEPTH **395-616'**

JOURNAL PAR
LOGGED BY **E.L. McVeigh**

Remarks: **Deepening of Hole**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
39 ^F 0	396.5	Carbonated and sheared greenstone, split	2054				nil
39.5	404.0	Greenstone, carbonated, same, shear					
404.0	406.2	Carbonated and sheared greenstone-fair mineralization, Sample	2055				nil
406.2		Carbonated greenstone					
417.4		Mineralized.					
419.4		Greenstone - sample	2056				nil
421.4		Mineralized greenstone - sample	2057				nil
423.4		sample	2058				nil
425.4		Mineralized, Greenstone - sample	2059				nil
425.4		Mineralized greenstone					
427.4		sample	2060				nil
464.6		Greenstone or Tuff, fairly acid, 445' - 450' wall silicified light shearing - no mineral.					
464.6	469.6	Greenstone or Tuff, Fair mineralization. Sheared and carbonated. White pyrite.					
		sample	2061				nil
469.6	476.0	Acid greenstone or Tuff.					
476.0	526.0	Medium grained greenstone Rare carbonated stringer, may be old dyke 515' - 520'					
526.0	541.0	Sheared and carbonated greenstone.					
541.0	616.0	Medium to coarse grained diorite. Mud at 552', 558'. Shear quartz.					
616.0'		END OF HOLE. Finished in dyke of entirely different material.					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶
HOLE No. **5**

FEUILLE No. **1**
SHEET No.

SECTION **Surface**

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.04° 00"**

COMMENCÉ LE
DATE BEGUN

LAT. **2440.03** DEP. **1550.14**

ANGLE

TERMINÉ LE
DATE FINISHED

ÉLEVATION, ORIFICE **4976.5 ± 17.0 = 4993.5'**
ELEVATION, COLLAR

PROFONDEUR TOTALE **158.5**
TOTAL DEPTH

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	46.0	Casing					
46.0	64.0	Carbonated coarse grained diorite					
64.0	68.0	Oxidized fault zone.					
68.0	74.0	Weakly sheared and altered coarse grained diorite.					
74.0	83.0	Sheared and strongly carbonated diorite, a little sulphide.					
83.0	99.0	Carbonated coarse grained diorite, stringers of quartz, some disseminated sulphides.					
99.0	109.5	Strongly carbonated scattered irregular white quartz and carbonate.					
109.5	114.0	Dark green coarse grained diorite.					
114.0	118.0	Silicified and carbonated coarse grained diorite with disseminated fine sulphides.					
118.0	158.5	Dark green chloritized medium coarse grained diorite.					
		136.5 - 137.5 Weakly sheared with irregular quartz and carbonate.					
158.5		END OF HOLE					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY _____

TROU No. ¹¹¹⁻⁶
HOLE No. **8 -6**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. **1**
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION **Surface**

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S14° 30' E**

COMMENCÉ LE
DATE BEGUN _____

LAT. **2440.00** DEP. **1402.00**

ANGLE **53°**

TERMINÉ LE
DATE FINISHED _____

ÉLEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH **62'**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	24.0	Casing					
24.0	40.0	Weakly sheared, diorite, Scattered stringers of quartz, some adjacent alteration and sulphide mineralization.					
40.0	62.0	Irregularly grained diorite.					
62.0		END OF HOLE					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

TROU No. ¹¹¹⁻⁶
HOLE No. 7
FEUILLE No. 1
SHEET No.
SECTION Surface

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION Due south
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. 2374.12 DEP. 1472.24

ANGLE 30.00

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE 4976.8 +17.0' = 4993.8'
ELEVATION, COLLAR
Location: Block 44

PROFONDEUR TOTALE 108'
TOTAL DEPTH

JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0.0	9.0	Casing	1	9.0	10.0	1.0	0.01	
9.0	15.0	Sheared carbonated diorite.	2	10.0	11.0	1.0	0.21	
			3	11.0	12.0	1.0	0.02	0.050
			4	12.0	13.0	1.0	0.05	0.6.0
			5	13.0	14.0	1.0	0.02	
15.0	33.0	Ore zone	6	14.0	15.0	1.0	0.01	
		15.0 - 20.0 - White quartz a little sulphides	7	15.0	16.0	1.0	0.12	
			8	16.0	17.0	1.0	0.24	
			9	17.0	18.0	1.0	0.02	.111
			Aver. Values: .088					
		20.0 - 24.0 - Completely silicified, A little emerald green mica.	10	19.0	20.0	1.0	0.15	
		24.0 - 33.0 - Completely silicified. Some scattered sulphides.	10	18.0	19.0	1.0	0.04	5.0
			Aver. Values: 15.0					
			12	20.0	21.0	1.0	0.15	
			13	21.0	22.0	1.0	0.03	.110
			14	22.0	23.0	1.0	0.04	5.0
			15	23.0	24.0	1.0	0.14	
			16	24.0	25.0	1.0	0.05	
33.0	61.0	Medium grained chloritized & carbonated diorite, a little sulphide.						
61.0	62.5	Lost core- fault.						
62.5	77.0	Fine grained green diorite or andesite.						
	77.0	Fault?						
77.0	108.0	Medium grained dark green diorite.						
	108.0	END OF HOLE						

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

TROU No. **S 8** ¹¹¹⁻⁶
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. **1**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION **Surface**

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S 40° 30' E**

COMMENCÉ LE
DATE BEGUN

LAT. **2555.00** DEP. **1518.00**

ANGLE **40°**

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR **4993.65**
Location: **Block 82**

PROFONDEUR TOTALE
TOTAL DEPTH **325'**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH Width	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON OZS. AVOZ.
DE FROM	A TO						
0.0	50.0	Casing		73.0	76.0	3.0	tr
50.0	159.0	Coarse grained diorite. 87.0 Oxidized slip. 87.0 - 159.0 Bleached and altered adjacent to threads of quartz.		76.0	79.0	3.0	nil
				79.0	82.0	3.0	nil
				82.0	85.0	3.0	nil
				85.0	88.0	3.0	Tr.
				88.0	90.0	2.0	Nil.
159.0	185.0	Fine grained green diorite, locally sheared with threads of quartz.		90.0	93.0	3.0	.05
				93.0	96.0	3.0	Tr.
				96.0	99.0	3.0	.05
185.0	325.0	Medium grained, green diorite. 205.0 - 206.5 Quartz and some sulphides. 259.0 - 262.0 Diorite dyke. 290.0 - 310.0 - Diorite dyke.		99.0	101.0	2.0	.12
				101.0	102.0	1.0	.14
				102.0	103.0	1.0	.58
				103.0	104.0	1.0	.16
				104.0	105.0	1.0	.57
				105.0	106.0	1.0	.54
325.0		END OF HOLE		106.0	106.5	0.5	.05
				106.5	107.5	1.0	.04
				107.5	110.0	2.5	.02
				117.0	120.0	3.0	Nil
				120.0	123.0	3.0	.02

319
7.0'

TERRAIN PROPERTY SENATOR ROUYN LTD.

TROU No. 111-6
HOLE No. 9

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION Surface

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION BEARING S. 12 E.

COMMENCÉ LE
DATE BEGUN

LAT. 2590.02 DEP. 1540.50

ANGLE 60.00

TERMINÉ LE
DATE FINISHED

JOURNAL PAR
LOGGED BY B.S.W.B.

ELÉVATION, ORIFICE
ELEVATION, COLLAR 4993.6

PROFONDEUR TOTALE
TOTAL DEPTH 439'

Location: Block 82

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	66.0	Casing					
66.0	97.0	Green medium grained diorite with prominent feathery feldspars.					
97.0	98.0	Sheared at 35° with irregular quartz & carbonates.					
98.0	175.0	Green medium fine-grained diorite. 114 - 115 - Quartz carbonate & epidote. 132 - 6" sheared at 45°					
175.0	195	Oxidized fault zone. Considerable lost core	49	175	177	2'	Tr.
			50	180	181	1'	Nil
		182 - 185 - Fine grained diorite dyke.	51	181	184	3'	Nil
			52	184	186	2'	Nil
			53	187	189	2'	0.03
			54	189	192	3'	0.01
			55	192	194	2'	0.04
195	202	Silicified & carbonated diorite. A little green mica and sulphides.	56	194	197	3'	Tr.
			57	197	200	3'	Tr.
			58	200	202	2'	Tr.
20	209	Oxidized- Considerable lost core.	59	202	204	2'	0.01
			60	204	206	2'	0.02
			61	206	208	2'	0.02
209	213	Medium coarse-grained sheared diorite, with stringers of quartz and carbonates.	62	208	210	2'	0.01
			63	210	212	2'	0.04
213	241	Bleached- carbonated - weakly sheared diorite	64	212	216	4'	Tr.
			65	216	220	4'	0.03
			66	220	223	3'	0.02
			67	223	226	3'	nil
			68	226	230	4'	nil
		231-232.5 - Lost core	69	230	234	4'	nil
		235.5 - 240 - Lost core	70	234	237	3'	nil

Aver.
Val.

0.01) 0.026

0.04) 7.0

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION BEARING S 12 E

COMMENCÉ LE
 DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
 DATE FINISHED _____

ELEVATION, ORIFICE
 ELEVATION, COLLAR _____

PROFONDEUR TOTALE
 TOTAL DEPTH 439'

JOURNAL PAR
 LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
21	257	Green medium-grained diorite, locally bleached and carbonated, with scattered sulphides.	71	240	243	3'	Tr.
			72	243	246	3'	Tr.
			73	246	249	3'	Tr.
			74	249	252	3'	Tr.
			75	252	255	3'	Tr.
			76	255	258	3'	Nil
257	439	Green fine-grained diorite to 229' then medium-grained with small whitish feldspars. 268 - Strong oxidized slip at 30° 276 - 278 - Fault at 40° weakly oxidized. 311.5 - Strong slip at 40° 329.5 - 331 - Strong slip or fault at 45° 336 - Slip 349 - 350 - Epidotized 358 - 2" quartz at 30° 371 - Slip 403 - 404 - Oxidized fault. 404 - 405 - Quartz & carbonate.	77	258	261	3'	Tr.
	439	END OF HOLE.					

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

111-6
TROU No. 10
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION Surface

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. 2331.97 DEP. 1512.19

ANGLE 90.00

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE 5004.2
ELEVATION COLLAR
Location Block 44

PROFONDEUR TOTALE 108'
TOTAL DEPTH

JOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO						Aver.	Val.
0.0	6.0	Casing						
6.0	10.0	Coarse grained diorite.	1078	6	8	2'	0.05	.053
			1079	8	10	2	0.02	6.0
			1080	10	12	2	0.09	
		10-23 - Highly carbonated & silicified with considerable disseminated sulphides.	1081	12	14	2	0.08	.083
			1082	14	16	2	0.07	6.0
			1083	16	18	2	0.10	
			1084	18	20	2	0.03	.037
			1085	20	22	2	0.02	6.0
			(1086	22	24	2	0.06	.065
		23 - 38 - 60% mauve quartz with disseminated sulphides	(Check Assay, Aver. Val.					.085
			1087	24	26	2	0.07	.073
			1088	26	28	2	0.06	6.0
			1089	28	30	2	0.09	
			1090	30	32	2	0.27	.203
			1091	32	34	2	0.16	6.0
38	49	Dark green chloritized coarse grained diorite.	1092	34	36	2	0.18	
			1093	36	38	2	0.06	.05
			1094	38	40	2	0.04	4.0
			1095	40	42	2	nil	
			1096	42	44	2	Tr.	
			1097	44	46	2	Tr.	
			1098	46	48	2	Tr.	
49	68.5	70% altered silicified & carb diorite with a little scattered sulphides.	1099	48	50	2	nil	
			1100	50	52	2	0.02	.02
			1101	52	54	2	0.02	4.0
			1102	54	56	2	0.03	.03
68.5	108	Dark green medium coarse grained diorite.	Average Val.			8.0		.02
	108	END OF HOLE	1103	56	58	2	0.3	4.0
		(81-108 - not examined)						

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

TROU No. ¹¹¹⁻⁶ **11**
 HOLE No. **11**
 FEUILLE No. **1**
 SHEET No. **1**
 SECTION **Surface**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING **N30° 30' W**

COMMENCÉ LE
 DATE BEGUN

LAT. **2332.0** DEP. **1512.2**

ANGLE **0-51° 00'**

TERMINÉ LE
 DATE FINISHED

ELEVATION, ORIFICE
 ELEVATION, COLLAR **2086.2**

PROFONDEUR TOTALE
 TOTAL DEPTH **254**

JOURNAL PAR
 LOGGED BY **B.S.W.B.**

Location; Block 44

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TONNE	Aver Vals
DE FROM	A TO							
0.	7.0	Casing	1122	6.0	8.0	2.0	.09	.095 70.0
7.0	102.5	Ore zone	1123	8.0	10.0	2.0	.09	
7.0		7.0 - 40.0 Fair alteration, scattered quartz and sulphides.	1124	10.0	12.0	2.0	.05	
		40.0 - 47.0 Bleached diorite with a little scattered quartz.	1125	12.0	14.0	2.0	.11	
		47.0 - 83.5 Well altered and mineralized.	1126	14.0	16.0	2.0	.05	
		83.5 - 102.5 - Altered or irregular bleached diorite slight sulphides.	1127	16.0	18.0	2.0	.04	
			1128	18.0	20.0	2.0	.05	
			1129	20.0	22.0	2.0	.13	
			1130	22.0	24.0	2.0	.14	
			1131	24.0	26.0	2.0	.17	
			1132	26.0	28.0	2.0	.14	
102.5	254.0	Green, medium grained diorite.	1133	28.0	30.0	2.0	.14	
		215.0 - Slip with 3" albitization and some sulphides	1134	30.0	32.0	2.0	.08	
			1135	32.0	34.0	2.0	.05	
		221.0-224.5 - Irregular, altered along weakly sheared diorite.	1136	34.0	36.0	2.0	.03	
			1137	36.0	38.0	2.0	.04	
			1138	38.0	40.0	2.0	.05	
		232.0 Slip	1139	40.0	42.0	2.0	.12	
			1140	42.0	44.0	2.0	.03	
254.0		END OF HOLE	1141	44.0	46.0	2.0	.02	
			1142	46.0	48.0	2.0	.03	
			1143	48.0	50.0	2.0	.02	
			1144	50.0	52.0	2.0	.04	
			1145	52.0	54.0	2.0	.11	
			1146	54.0	56.0	2.0	.09	

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

TROU No. 111-6
HOLE No. **11**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **2**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
			1147	56.0	58.0	2.0	.49
			1148	58.0	60.0	2.0	.07
			1149	60.0	62.0	2.0	.13
			1150	62.0	64.0	2.0	.08
			1151	64.0	66.0	2.0	.07
			1152	66.0	68.0	2.0	.07
			1153	68.0	70.0	2.0	.04
			1154	70.0	72.0	2.0	.08
			1155	72.0	74.0	2.0	.10
			1156	74.0	76.0	2.0	.05
			1157	76.0	78.0	2.0	.02
			1158	78.0	80.0	2.0	Tr.
			1159	80.0	82.0	2.0	.01
			1160	82.0	84.0	2.0	.02
			1161	84.0	86.0	2.0	.01
			1162	86.0	88.0	2.0	Tr.
			1163	88.0	90.0	2.0	N11
			1164	90.0	92.0	2.0	.01
			1165	92.0	94.0	2.0	N11
			1166	94.0	96.0	2.0	N11
			1167	96.0	98.0	2.0	N11
			1168	98.0	100.0	2.0	N11
			1169	100.0	102.0	2.09	N11
			1170	102.0	104.0	2.0	N11
			1171	104.0	106.0	2.0	N11
			1172	106.0	108.0	2.0	N11
			1173	108.0	110.0	2.0	N11
			1174	110.0	112.0	2.0	N11

TERRAIN SENATOR ROUYN MINES LTD.
PROPERTY

111-6
TROU No. 12
HOLE No.
FEUILLE No. 1
SHEET No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION Surface

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING N 86 E

COMMENCÉ LE
DATE BEGUN

LAT. 2,332.0 DEP. 1,512.2

ANGLE 61° 00

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR 5004.2

PROFONDEUR TOTALE
TOTAL DEPTH 182

JOURNAL PAR
LOGGED BY B.S.W.B.

Location: Block 44

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR X Width	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	10.0	Casing	1175	6.0	8.0	2.0	N11
10.0	53.0	Ore zone	1176	8.0	10.0	2.0	Tr.
		0.0 - 45.0 - Well altered and mineralized	1177	10.0	12.0	2.0	.12
		45.0-53.0 - Fair alteration, little sulphides	1178	12.0	14.0	2.0	.13
		53.	1179	14.0	16.0	2.0	.02
53.0	108.0	Dark green, medium grained diorite	1180	16.0	18.0	2.0	.13
			1181	18.0	20.0	2.0	.20
			1182	20.0	22.0	2.0	.02
108.0	120.-	Weakly sheared with carbonate threads.	1183	22.0	24.0	2.0	.38
			1184	24.0	26.0	2.0	.51
120.0	130.0	Medium green diorite.	1185	26.0	28.0	2.0	.12
			1186	28.0	30.0	2.0	.23
		Possible fault	1187	30.0	32.0	2.0	.33
			1188	32.0	34.0	2.0	.37
130.0	135.5	Dense fine grained diorite or andeiste inclusion	1189	34.0	36.0	2.0	.21
			1190	36.0	38.0	2.0	.23
135.5	145.5	Medium grained green diorite with flakes of leucoxene.	1191	38.0	40.0	2.0	.01
			1192	40.0	42.0	2.0	N11
			1193	42.0	44.0	2.0	Tr.
145.5	175	Fine grained diorite or andesite.	1194	44.0	46.0	2.0	Tr.
			1195	46.0	48.0	2.0	Tr.
175.0	182.6	Fine grained grey diorite.	1196	48.0	50.0	2.0	Tr.
			1197	50.0	52.0	2.0	.02
			1198	52.0	54.0	2.0	N11

.214
20.0

TERRAIN **SENATOR ROUYNITD.**
PROPERTY

TROU No. **14** ¹¹¹⁻⁶
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. **1**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION **Surface**

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S. 14° E**

COMMENCÉ LE
DATE BEGUN

LAT. **2517.38** DEP. **1421-13**

ANGLE **0-62° 00'**

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR **4997.2'**

PROFONDEUR TOTALE
TOTAL DEPTH **161'**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

Location: **Block 82**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	29.0	Casing					
29	42.5	Bleached and carbonated coarse-grained diorite	1199	29	30	1.0	N11
			1200	32	34	2'	0.19
			1201	34	36	2'	0.01
			1202	36	38	2	N11
			1203	38	40	2	Fr.
42.5	54	Completely silicified light purple.	1204	40	42	2	Fr.
			1205	42	44	2	N11
			1206	44	46	2	N11
			1207	46	48	2	N11
			1208	48	50	2	0.01
			1209	50	52	2	Fr.
			1210	52	54	2	Fr.
54	69.7	Green medium coarse-grained diorite Scattered stringers of quartz & carbonates.	1211	54	56	2	Fr.
			1212	56	58	2	Fr.
			1213	58	60	2	Fr.
			1214	60	62	2	0.02
			1215	62	64	2	0.01
			1216	64	66	2	Fr.
			1217	66	68	2	Fr.
			1218	68	70	2	Fr.
69.7	86	Ore zone. 50% mauve quartz with silicified diorite, scattered sulphides.	1219	70	72	2	0.03
			1220	72	74	2	0.17
			1221	74	76	2	0.10

4.0
Vais.

0.067
4.0

0.100
6.0

TERRAIN PROPERTY SENATOR ROUYN LTD.

TROU No. 111-6
 HOLE No. 14
 FEUILLE No. 2
 SHEET No. _____
 SECTION _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING _____

COMMENCÉ LE
 DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
 DATE FINISHED _____

ÉLÉVATION, ORIFICE
 ELEVATION, COLLAR _____

PROFONDEUR TOTALE
 TOTAL DEPTH _____

JOURNAL PAR
 LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO						Aver. Val.	Val.
			1222	76	78	2'	0.02	.037
			(Check assay: Aver. Values: -.093)					
			1223	78	80	2	0.05	6.0
			(Check Assay: Aver. Values: -18.0)					
			1224	80	72	2	0.04	
			1225	82	84	2	0.05	.143
			1226	84	86	2	0.15	6.0
			1227	86	88	2	0.23	
86	86	Fault						
	100	Strongly sheared & carbonated diorite.	1228	88	90	2	Nil	
			1229	90	92	2	Tr	
			1230	92	94	2	Nil	
100	120	96- Oxidized slip. Weakly carbonated medium grained diorite.						
120	138	Medium fine grained green diorite.						
13	161	Medium grained diorite with some fine white feldspars.						
		147.5 - 149 - Diorite dyke.						
	161	END OF HOLE						

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.12 E**

COMMENCÉ LE
DATE BEGUN

LAT. **2530.81** DEP. **1315.07**

ANGLE **45.00**

TERMINÉ LE
DATE FINISHED

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR **5001.5'**
Location: **Block 82**

PROFONDEUR TOTALE
TOTAL DEPTH **297'**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.7	13	Casing					
13	67	Fine grained greenish grey diorite broken by narrow slips and cut by scattered veinlets of quartz & carb.					
67	250	Medium grained green diorite. (dacite)					
		84 - Slip					
		91 - 93 - Diorite dyke.					
		98 - 3" Quartz & carbonate					
		105.5 - Fault at 15°.					
		166 - 2" Irregular quartz breccia					
		176 - Ditto					
		242.5 - 243.5 - White quartz					
250	265	Fault zone - sheared 60° - fine grained diorite. Some lost core.					
265	297	Medium uneven-grained dark green diorite.					
	297	END OF HOLE					

TERRAIN
PROPERTY

SENATOR ROUYN MINES LTD.

TROU No. 111-6
HOLE No. 16

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION Surface

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION N. 10 W.
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. 2141.01 DEP. 1550.25

ANGLE 0 - 52° 00

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR 5005.2'

PROFONDEUR TOTALE
TOTAL DEPTH 330'

JOURNAL PAR
LOGGED BY B.S.W.B.

Location: Block 82

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	13.0	Casing					
13	88	Medium fine grained green diorite cut by scattered stringers of quartz and carbonates. 85 - Fault at 35°.					
88	159	Medium even-grained greenish diorite. (coarse dacite) 125 - 139 - Light grey fine-grained diorite dyke, broken by numerous slips. 130 0 3" calcite					
159	164	Strong shear zone, fault, with scattered stringers of quartz and a little sulphide.	1257	158	160	2'	0.02
164	180	Medium even-grained greenish diorite (coarse dacite)					
180	180	Strong slip with 3" quartz.					
180	196.5	Medium grained grey diorite, weakly silicified and carbonated with a little scattered coarse pyrite.					
196.5	260	Medium-grained greenish diorite. 229-235.5 - Shear zone (black spots) 2" quartz					
	260	242 - 243 - Shear zone					
	260	Gradational.					
260	283	Fine-grained grey diorite or andesite. 278 - Slip at 20°					
	283	Sheared over 6"					
283	330	Medium grained diorite, greenish. 293 - slip. 306 - 309 - Fine grained cherty. 313 - Strong slip with 2" quartz & carbonate.					
	330	END OF HOLE					

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

TROU No. ¹¹¹⁻⁶ **IX 17**
HOLE No. **17**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. **1**
SHEET No. **1**

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION **Surface**

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.13 E.**

COMMENCÉ LE
DATE BEGUN

LAT **2628.00** DEP **1287.32**

ANGLE **0-43° 30'**

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR **4992.6'**

PROFONDEUR TOTALE
TOTAL DEPTH **155'**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

Location: Block 82

CAROTTE CORÉ FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0.0	21	Casing	1234	21	23	1'	0.01	
21	42	Highly altered sheared diorite replaced by carbonate and quartz.	1235	23	25	2	Tr.	
			1236	25	27	2	Nil	
			1237	27	29	2	Tr.	
			1238	29	31	2	Tr.	
			1239	31	33	2	0.02	
			1240	33	35	2	Tr.	
			1241	35	37	2	0.01	
			1242	37	39	2	Tr.	
			1243	39	41	2	Tr.	
42	56.5	Ore zone 42 -53 - pinkish wholly replaced diorite. scattered sulphides	1244	41	43	2	Nil	
			1245	43	45	2	0.01	
			1246	45	47	2	Tr.	
			1247	47	49	2	0.01	
			1248	49	51	2	0.03	
		55- Oxidized slip.	1249	51	53	2	Tr.	
			1250	53	55	2	0.02	
		56.5 - Oxidized slip	1251	55	57	2	0.02	
			1252	57	59	2	0.01	
			1253	59	61	2	0.02	
56.5	62	Well altered silicified & carbonated diorite. Threads of quartz, a little sulphide.						
62	99	Weakly carbonated medium grained diorite with threads of quartz & carbonate.	1254	61	63	2	0.04	0.035
			1255	63	65	2	0.03	4.0
99	155	Medium grained greenish diorite chilled from 99 to 102, cut by scattered threads of quartz & carbonates	1256	65	67	2	0.01	
	155	END OF HOLE						

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

TROU No. ¹¹¹⁻⁶
HOLE No. **18**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **1**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.13 E.**

COMMENCÉ LE
DATE BEGUN

LAT **2742.67** DEP. **1172.20**

ANGLE **45 - 00**

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR **4991.3'**
Location: Block 82

PROFONDEUR TOTALE
TOTAL DEPTH **264'**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	35	Casing					
35	152	Medium grained dark greenish grey diorite cut by scattered threads of quartz & carbonates to 60'. Becomes weakly carbonated and cut by numerous threads of quartz and carbonates. 101-102 - Quartz & carbonate. 130-152 - Weakly carbonated throughout.	1258 1259 1260 1261	146 148 150 152	148 150 152 154	2 2 2 2	Tr 0.02 0.02 0.01
152	164	Ore zone (?) - fairly strong carbonization. of medium-coarse-grained weakly sheared diorite.	1262 1263 1264 1265 1266	154 156 158 160 162	156 158 160 162 164	2 2 2 2 2	Tr Tr. Tr. 0.01 Tr.
164	264	Medium-grained dark grey diorite locally slightly 210 - Fault at 45°	1267 1268	164 139	166 141	2 2	Tr. 0.01
	264	END OF HOLE					

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

111-6
TROU No. 19
HOLE No. 19
FEUILLE No. 1
SHEET No. 1
SECTION

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. 2766.08 DEP. 1067.33

ELÉVATION, ORIFICE 4992.2'
ELEVATION, COLLAR
Location: Block 82ORIENTATION
BEARING S.15 E.

ANGLE) - 44° 30'

PROFONDEUR TOTALE 348
TOTAL DEPTHCOMMENCÉ LE
DATE BEGUNTERMINÉ LE
DATE FINISHEDJOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	25	Casing					
25	40	Coarse-grained dark grey diorite. High proportion of coarse grained ferromagnesian	1269	91.5	93.5	2	Nil
40	107	Medium-grained dark grey diorite. A few scattered threads of quartz & carbonate becoming carbonated at 80'. 98 - 107 - Black spots.	1270	106	108	2	Tr.
107	118	Carbonated shear zone. Shearing at 5°-10°	1271	108	110	2	nil
118	240	Medium to medium fine grained diorite. Dark grey to 150' then light grey. A few scattered small from 150'. 128- 129 - Shear zone at 45°. 186- Strong slip at 45°. 229 - 2" white quartz at 30°.	1272	120	122	2	nil
			1273	122	124	2	nil
			1274	124	126	2	Tr.
			1275	126	128	2	nil
240	268	Diorite dyke fine grained cut by a few strong slips at 45°, with threads of quartz & carbonates.					
268	318	Medium even grained greenish grey diorite	1276	318	319	1	nil
31	321	Diorite dyke					
321	348	Core mixed up. Coarse grained diorite grained diorite					
	348	END OF HOLE					

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

111-6
TROU No. 20
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING S.17 -E

COMMENCÉ LE
DATE BEGUN _____

LAT. 2505.98 DEP. 1668.32

ANGLE 0-46.00

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR 4993.01'
Location: Block 44

PROFONDEUR TOTALE
TOTAL DEPTH 285

JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO						Aver.	Val.
0.	109	Casing Medium-grained diorite dark green with threads of quartz and carbonates,						
109	137							
137	148	Ore zone. Emerald green quartz and carbonate schist.	1279	137	139	2'	0.06	.113
			1280	139	141	2	0.09	6.0
			1281	141	143	2	0.19	
			Check Assay: Aver. Values: -.080					10.0
148	174	Oxidized (rather) medium coarse-grained diorite. Considerable lost core.	1282	143	145	2	0.02	.030
			1283	145	147	2	0.04	4.0
			1284	147	149	2	Tr.	
			1285	149	151	2	Tr.	
			1286	151	153	2	0.02	
			1287	153	155	2	Tr.	
			1288	155	157	2	Tr.	
			1289	157	159	2	0.08	
			1290	159	161	2	Tr.	
			1291	161	164	3	nil	
			1292	164	167	3	Tr.	
			1293	167	170	3	Tr.	
174	231.5		Medium grained weakly carbonated locally weakly sheared diorite.	1294	170	173	3	nil
		1295		184	187	3	Tr.	
		1296		187	190	3	0.01	
		1297		190	193	3	Tr.	
		1298		193	196	3	Tr.	
		1299		196	198	2	0.02	.043
		1300		198	200	2	0.15	4.0
231.5	260	Highly altered sheared diorite. Quartz & carb.replaced.	1301	200	202	2	Tr.	

TERRAIN SENATOR ROUYN LTD.
PROPERTY

111-6
TROU No. 20
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 2
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION Surface

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
260	265	Emerald green quartz carbonate schist.	1302	202	204	2	nil	
			1303	204	206	2	Tr	
			1304	206	208	2	0.01	
			1305	208	210	2	Tr.	
265	285	Dark green altered, weakly sheared medium-coarse grained diorite. 275 - 276 - Quartz carbonate and some	1306	210	220	3	Tr.	
			1307	226	229	3	0.01	
			1308	231	233	2	0.04	
	285	END OF HOLE	1309	233	235	2	Tr	
			1310	235	237	2	Tr	
			1311	237	239	2	nil	
			1312	239	241	2	0.02	
			1313	241	243	2	0.01	
			1314	243	245	2	0.01	
			1315	245	247	2	Tr	
			1316	247	249	2	Tr	
			1317	249	251	2	0.06	.033
			1318	251	253	2	0.01	6.0
			1319	253	255	2	0.03	
			1320	255	257	2	Tr	
			1321	257	259	2	Tr	
			1322	259	261	2	0.01	
			1323	261	263	2	Tr.	
			1324	263	265	2	nil	
			1325	265	267	2	Tr	
			1326	267	269	2	nil	
			1327	269	271	2	nil	
			1329	273	275	2	Tr	
			1328	271	273	2	Tr	
			1330	275	277	2	Tr	

TERRAIN SENATOR ROUYN LTD.
 PROPERTY _____

TROU No. 20¹¹¹⁻⁶
 HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 3
 SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING

COMMENCÉ LE
 DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
 DATE FINISHED

ELÉVATION, ORIFICE
 ELEVATION, COLLAR _____

PROFONDEUR TOTALE
 TOTAL DEPTH _____

JOURNAL PAR
 LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
			1331	277	279	2	Tr.
			1332	133	135	2	nil
			1333	135	137	2	nil

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

TROU No. **21¹¹¹⁻⁶**
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **1**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION **Surface**

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION **S. 11 E.**
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. **2499.38** DEP. **1738.77**

ANGLE **0-61°00'**

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR **4991.7'**
Location: Block **44**

PROFONDEUR TOTALE **305'**
TOTAL DEPTH

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	78	Casing					
70	135	Medium coarse-grained greenish diorite. 96 - 97 - 50% Quartz and carbonate. 135 - Fault					
135	165	Medium coarse-grained dark diorite.(rotten) cut by numerous slips. 137.5 - Fault 142.5 - Fault 148 - Fault 155 - Fault 163 - Fault 165 - Fault					
165	217	Highly altered, carbonated, sheared diorite, at 30°. (only partially split) 201 -211 - Quartz & carbonate schist. with some emerald green mica. (Ore zone)	1334 1335 1336 1337 1338 1339 1340 1341 1342	174 180 185 189 194 199 204 210 215	176 182 187 191 196 201 206 212 217	2 2 2 2 2 2 2 2 2	nil nil Tr nil nil Tr Tr Tr
217	268	Medium grained carbonated diorite, threads of qtz & carb.	1343 1344 1345	220 238 249	222 240 251	2 2 2	nil 0.01 0.02
268	278	Highly sheared at 50° fine grained diorite, carbonated.					
278	305	Medium grained (fine) greenish diorite, cut by threads of quartz and carbonate. Considerable carbonate from 297 - 305. 283-284.5 - Well sheared and carbonated.					
	305	END OF HOLE.					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶ **22**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION **Surface**

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. **2391.25** DEP. **1761.08**

ANGLE **90-00**

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR **4991.2'**

PROFONDEUR TOTALE
TOTAL DEPTH **244'**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

Location: **Block 44**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	73	Casing					
7	137	Medium to coarse grained diorite. 100-137 - Weakly sheared at 20°. Weak alterations.?	1346	103	106	3'	Tr.
			1347	119	122	3	Tr.
			1348	138	141	3	nil
			1349	142	143	2	Tr.
			1350	143	145	2	nil
		119-120 - Quartz and carbonate.	1351	145	147	2	nil
			1352	147	149	2	nil
	137	Strong fault, oxidized, pink calcite.	1353	149	151	2	Tr.
			1354	151	153	2	nil
137	162	Highly altered diorite, silicified and carbonated.	1355	153	155	2	nil
			1356	155	157	2	nil
Ore Zone		156-162- Emerald green quartz carbonate schist.	1357	157	159	2	Tr
		162- Fault	1358	159	161	2	Tr
			1359	161	163	2	0.01
			1360	169	171	2	Tr
162	244	Dark green, chloritized medium to coarse grained diorite. Threads of quartz and carbonate.	1361	174	176	2	0.02
			1362	179	181	2	Tr
			1363	183	185	2	Tr
			1364	189	191	2	Tr
		220-244 - fair carbonate replacement of sheared diorite.	1365	193	195	2	nil
			1366	197	199	2	0.02
			1367	202	204	2	0.01
	244	END OF HOLE.	1368	207	209	2	Tr
			1369	212	214	2	Tr
			1370	217	219	2	Tr
			1371	220	222	2	0.05
			1372	225	227	2	Tr
			1373	230	232	2	nil
			1374	235	237	2	nil
			1375	240	242	2	nil

Vals

0.050
2.0'

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING N.62 -03E

COMMENCÉ LE
DATE BEGUN

LAT. 2021.75 DE 1731.11

ANGLE 45 -00

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR 5020.19'

PROFONDEUR TOTALE
TOTAL DEPTH 452'

JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0	13	Casing						
13	58	Medium fine grained dark grey diorite, broken by numerous slips. 58 - Slip	1376	86	88	2	nil	
			1377	91	93	2	nil	
58	108	Medium even grained greenish grey diorite.	1378	96	98	2	nil	
			1379	101	103	2	nil	
108	119	Well altered carbonated and silicified diorite.	1380	105	107	2	Tr	
			1381	107	109	2	Tr	
			1382	109	111	2	nil	
	119	Oxidized fault	1383	111	113	2	0.01	
119	129	Whitish quartz carbonate schist with a little emerald green mica.	1384	113	115	2	nil	
			1385	115	117	2	nil	
129	139	Well altered medium grained diorite.	1386	117	119	2	nil	
			1387	119	121	2	nil	
			1388	121	123	2	0.01	
			1389	123	225	2	0.01	
13	149	Chloritized diorite with stringers of quartz and carb.	1390	125	127	2	Tr	
			1391	127	129	2	0.02	.050
	149	Slip	1392	129	131	2	0.12	4.0
149	180	Fine-grained green diorite dyke.	1393	131	133	2	Tr	
180	378	Medium fine-grained diorite(dacite) cut by threads of quartz and carbonates. Mostly oblique, 225-226 - Fine disseminated sulphides. 366-367 - Quartz at 10° 371-372 - Do.	1394	224	226	2	0.07	.07
								2.0
	378	Gradational.						
378	452	Medium even grained greenish grey diorite. medium coarse-grained locally. Cut by threads(oblique) of quartz and carbonates.						
	452	END OF HOLE.						

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶ **24**
 HOLE No. _____
 FEUILLE No. **1**
 SHEET No. _____
 SECTION _____

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING **S.15 E.**

COMMENCÉ LE
 DATE BEGUN

LAT. **2638.11** DEP. **1504.99**

ANGLE **45 - 00**

TERMINÉ LE
 DATE FINISHED

ELEVATION, ORIFICE
 ELEVATION, COLLAR **4992.9'**

PROFONDEUR TOTALE
 TOTAL DEPTH **257'**

JOURNAL PAR
 LOGGED BY **B.S.W.B.**

Location: **Block 82**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	23	Casing					
2.	58	Medium even-grained slightly porphyritic diorite becoming fine-grained about 50'.	1395	59	61	2	Tr
58	70	Coarse grained greenish porphyritic diorite, ragged fragments.	1396	64	66	2	nil
			1397	69	71	2	Tr
			1398	110	112	2	0.01
70	107	Medium fine grained greenish grey diorite, with some brown leucoxene. from 85	1399	120	122	2	nil
			1400	132	134	2	nil
			1401	134	136	2	nil
			1402	136	138	2	nil
	107	Gradational	1403	138	140	2	nil
			1404	140	142	2	0.01
107	148	Medium to coarse uneven-grained diorite, becoming altered about 135'.	1405	142	143	1	0.01
			1406	143	145	2	nil
			1407	145	147	2	nil
148	176	Highly altered diorite largely replaced by quartz and carbonate. Some scattered sulphides.	1408	147	149	2	nil
			1409	149	151	2	Tr
			1410	151	153	2	nil
			1411	153	155	2	nil
176	194	Ore zone. 176-178.6 - Emerald green quartz carbonate schist. 178.6 - 188 - 70% quartz with emerald green mica.	1412	155	157	2	nil
			1413	157	159	2	Tr
			1414	159	161	2	nil
			1415	161	163	2	nil
			1416	163	165	2	nil
		188-194 - whitish quartz carbonate schist with increasing proportions of diorite towards 194.	1417	165	167	2	nil
			1418	167	168	1	nil
			1419	168	170	2	nil
			1420	170	172	2	Tr
			1421	172	174	2	Tr.
			1422	174	176	2	nil

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

TROU No. ¹¹¹⁻⁶
HOLE No. 24

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No.
SHEET No. 2

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING S.15 E.

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH 257'

JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
194	218	Weakly sheared and carbonated. Medium-grained diorite.	1423	176	178	2'	0.10	
			1424	178	180	2	0.06	0.13
			1425	180	182	2	0.24	6.0
			1426	182	184	2	0.37	7.0
			1427	184	186	2	0.28	6.0
218	238	Medium grained weakly carbonated diorite.	1428	186	188	2	0.47	18.0
			1429	188	190	2	0.04	0.063
			1430	190	192	2	0.01	6.0
			1431	192	194	2	0.14	
			1432	194	196	2	Tr.	
238	247.5	Sheared and strongly carbonated diorite.	1433	209	211	2	0.05	0.05
								2.0
247.5	257	Medium fine-grained diorite with threads of quartz and carbonates.	1434	238	240	2	0.03	0.03
								2.0
	257	END OF HOLE	1435	244	246	2	0.01	

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.13 -00E**

COMMENCÉ LE
DATE BEGUN

LAT. **2649.84** DEP. **1553.49**

ANGLE **45-00**

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR **4990.7'**

PROFONDEUR TOTALE
TOTAL DEPTH **260'**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
C	23.0	Casing					
23	90.5	Fine grained green diorite, cut by scattered threads of quartz. 54.5 - Slip at 30°					
90.5	96	Medium coarse grained dark green chloritized diorite.	1436	148	150	2.0	Tr
96.0	112	Purple feldspar porphyry dyke.	1437	153	155	2	Tr
112	150	Coarse grained dark green chloritized diorite which gradually becomes carbonated about 145.	1438	158	160	2	nil
			1439	163	165	2	0.02
			1440	170	172	2	0.01
150	205	Altered zone- silicified and carbonated diorite. (incompletely split)	1441	172	174	2	nil
			1442	174	176	2	Tr
			1443	176	178	2	Tr
			1444	178	180	2	0.05
205	225	Ore zone.	1445	180	182	2	0.02
			1446	182	184	2	Tr
		205-212 - Emerald green quartz carbonate schist.	1447	184	186	3	Tr
		212-225 - 80% whitish q uartz with a little emerald green schist.	1448	186	188	2.	0.01
			1449	188	190	2	Tr
			1450	190	192	2	Tr
			1451	192	194	2	Tr
			1452	194	196	2	nil
			1453	196	197	1.5	0.10
			1454	197.5	198.5	1.0	Tr.
			1455	198.5	200.5	2	Tr
			1456	200.5	201.5	1.0	Tr.
			1457	201.5	203	1.5	Nil

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

TROU No. ¹¹¹⁻⁶ **25**
 HOLE No. _____
 FEUILLE No. **2**
 SHEET No. _____
 SECTION _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING _____

COMMENCÉ LE
 DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
 DATE FINISHED _____

ÉLÉVATION, ORIFICE
 ELEVATION, COLLAR _____

PROFONDEUR TOTALE
 TOTAL DEPTH **260'**

JOURNAL PAR
 LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
			1458	203	205	2	0.03	0.09
			1459	205	207	2	0.22	6.0
			1460	207	209	2	0.03	
			1461	209	211	2	0.03	0.10
			1462	211	213	2	0.12	6.0
			1463	213	215	2	0.15	
			1464	215	217	2	0.16	0.32
			1465	217	219	2	0.43	6.0
								0.14
225	243	Sheared and highly altered diorite.	1466	219	221	2	0.37	28.0
			1467	221	223	2	0.04	0.14
			1468	223	225	2	0.38	6.0
233	236.5	Carbonated fine grained diorite.	1469	225	227	2	0.01	
			1470	227	229	2	0.08	0.06
			1471	229	231	2	0.04	4.0
236.5		Fault	1472	231	233	2	Tr.	
236.5	239	Sheared and highly carbonated diorite.	1473	251	253	2	0.21	0.21
								2.0
239	260	Medium even grained diorite carbonated. 249- Slip with quartz. 251-253 - Highly altered, carbonated, silicified, scattered sulphides.						
	260	END OF HOLE.						

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

111-6
TROU No. **26**
HOLE No. **26**
FEUILLE No. **1**
SHEET No. **1**
SECTION **Surface**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.13-00E**

COMMENCÉ LE
DATE BEGUN

LAT. **2663.69** DEP. **1601.16**

ANGLE **0-50 -00**

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR **4991.50**

PROFONDEUR TOTALE
TOTAL DEPTH **355'**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0	35	Casing.						
35	84	Medium fine grained green diorite cut by numerous slips.						
84	90	Purple feldspars, porphyry.						
	90	Fault						
90	188	Medium fine grained diorite cut by numerous slips.	1477	214	216	2	Tr	
			1478	218	220	2	Tr	
			1479	222	224	2	nil	
		106 - Fault with 3" quartz and carbonate.	1480	227	229	2	nil	
			1481	229	231	2	nil	
		124-125 - Diorite dyke.	1482	231	232	1.5	Tr	
			1483	232	233	1.0	0.080	1.23
		131- strong slip with 6" quartz carbonate and a little sulphide.	1484	233	236	2.5	0.14	3.5
			1485	236	238	2	0.02	
		172-173 - Irregular quartz and carbonate.	1486	239	241	2	0.01	
			1487	241	243	2	Tr.	
188		Upper rock chilled at contact.	1488	243	245	2	0.01	
			1489	245	247	2	0.01	
188	216	Medium coarse-grained chloritized diorite.	1490	247	249	2	0.01	
			1491	249	251	2	Tr.	
			1492	251	252	1.5	Tr.	
216	256.5	Highly altered diorite, silicified and carbonated.	1493	252.5	254	1.5	Tr	
			1494	254	256	2	0.01	
			1495	256	258	2	0.01	
		229-234 - Oxidized sheared diorite.	1496	258	260	2	0.030	0.35
			1497	260	262	2	0.04	8.0
		240 - Oxidized slip.	1498	262	264	2.0	0.04	
		245 - DO:	1499	264	266	2	0.03	

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
 TROU No. **26**
 HOLE No. **26**
 FEUILLE No. **2**
 SHEET No. **2**
 SECTION _____

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING _____

COMMENCÉ LE
 DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE **0.50 - 00**

TERMINÉ LE
 DATE FINISHED _____

ELEVATION, ORIFICE
 ELEVATION, COLLAR **4991.50**

PROFONDEUR TOTALE
 TOTAL DEPTH **355**

JOURNAL PAR
 LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
	256.5	Fault.	1500	266	268	2	0.09	0.14
256.5	270.5	Ore zone. whitish silicified carbonated and mineralized sheared diorite.	1501	268	270	2	0.19	4.0
			1502	270	272	2	0.06	0.07
			1503	272	274	2	0.02	6.0
			1504	274	276	2	0.03	
270.5	282	Carbonated medium-grained diorite .	1505	276	279	2	0.02	0.08
			1506	279	281	2	0.04	27.0
282	292	Ore zone. Strongly altered silicified and carbonated sheared diorite. Considerable scattered sulphides.	1507	281	283	2	Tr	
			1508	283	285	2	Tr	
			1509	285	287	2	0.12	0.25
292	304	Sheared altered diorite with scattered well altered and mineralized short sections.	1510	287	289	2	0.39	4.0
			1511	289	291	2	0.15	0.110
			1512	291	293	2	0.07	4.0
			1513	293	295	2	Tr.	0.005
			1514	295	297	2	0.01	4.0
			1515	297	299	2	0.05	0.060
			1516	299	301	2	0.03	6.0
304	355	Dark green chloritized medium grained diorite,	1517	301	303	2	0.10	
			1518	303	305	2	0.02	
			1519	305	307	2	Tr.	
			1520	307	309	2	Tr	
			1521	310	312	2	Tr	
			1522	312	314	2	Tr.	
	355.0	END OF HOLE						

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.14 -00E**

COMMENCÉ LE
DATE BEGUN

LAT. **2623.68** DEP. **1456.48**

ANGLE **48 .00**

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE **4993.5'**
ELEVATION, COLLAR

PROFONDEUR TOTALE **228'**
TOTAL DEPTH

JOURNAL PAR **B.S.W.B.**
LOGGED BY

Location: Block 82

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	17.0	Casing					
1	72	Dark green medium fine grained diorite.	1523	77	79	2	nil
			1524	79	81	2	Tr
		22.0 -23.0 - quartz carbonate and chlorite.	1525	81	83	2	nil
		34.0 -35.0 - Irregular quartz and carbonate possibly fault.	1526	83	85	2	nil
			1527	85	87	2	0.01
		42.-43 - Irregular epidotizations.	1528	97	89	2	Tr.
		62 -- Gradually becoming carbonated.	1529	89	91	2	0.01
			1530	91	93	2	nil
72	167	Strong carbonated, silicified. Replacement of medium coarse-grained diorite.	1531	93	95	2	nil
			1532	95	97	2	nil
			1533	100	102	2	nil
		97 - 100 - Diorite dyke.	1534	104	106	2	nil
			1535	109.5	111.5	2	nil
		132 - Gradually becoming sheared.	1536	113	115	2	Tr
			1537	115	117	2	Tr
		136 - 138- Emerald green quartz carbonate schist.	1538	117	119	2	Tr
			1539	119	121	2	0.02
		152 - 156.5 - irregular quartz.	1540	121	123	2	Tr
			1541	123	125	2	nil
		167 - Oxidized slip.	1542	125	127	2	nil
			1543	127	128	1	nil
167	172	Ore zone. Mauve quartz with a little emerald green schist.	1544	128	130	2	nil
			1545	130	132	2	Tr
			1546	132	134	2	Tr
			1547	134	136	2	nil
			1548	136	138	2	0.04
			1549	138	140	2	Tr
			1550	140	142	2	Tr
			1551	142	144	2	Tr
			1552	144	146	2	nil

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY _____

TROU No. 111-6
HOLE No. 27

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. 2
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING S.14 -00E

COMMENCÉ LE
DATE BEGUN _____

LA 2623.68 DEP. 1456.48

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH 228

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
			1553	146	148	2	Tr	
			1554	148	150	2	Tr	
			1555	150	152	2	0.02	0.115
			1556	152	154	2	0.21	4.0
			1557	154	156	2	nil	
			1558	156	158	2	nil	
			1559	158	160	2	nil	
			1560	169	162	2	nil	
			1561	162	164	2	Tr.	
			1562	164	166	2	Tr	
			1563	166	168	2	Tr	
			1564	168	170	2	0.11	0.180
172	189	Sheared and carbonated coarse-grained diorite with scattered stringers of quartz.	1565	170	172	2	0.28	6.0
			1566	172	174	2	0.15	
			1567	174	176	2	Tr	
			1568	176	178	2	Nil	
			1569	178	180	2	Nil	
			1570	180	182	2	Nil	
			1571	182	184	2	Nil	
			1572	184	186	2	nil	
			1573	186	188	2	Tr	
189	228	Green weakly chloritized medium-grained diorite, a few scattered threads of quartz. 202 - Slip	1574	188	190	2	Nil	
		222 - slip						
	228	END OF HOLE						

TERRAIN PROPERTY SENATOR ROUYN LTD.

TROU No. ¹¹¹⁻⁶ 28
 HOLE No. _____
 FEUILLE No. 1
 SHEET No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION Surface

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION BEARING S. 13 -00 E

COMMENCÉ LE
 DATE BEGUN _____

LAT. 2851.72 DEP. 1524.76

ANGLE 250-72 - 73°/400-66°30

TERMINÉ LE
 DATE FINISHED _____

ELÉVATION, ORIFICE
 ELEVATION, COLLAR 4991.76

PROFONDEUR TOTALE
 TOTAL DEPTH 600 feet

JOURNAL PAR
 LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	49	Casing					
4	55.5	Coarse-grained pyrrhotitic phase.					
55.5	175	Medium even-grained dark grey diorite. 55 - slip 65-68 - Quartz, carbonate, and epidote. 130 - diorite, becomes medium coarse-grained. 139-141.5 - Dark purple splite dyke.					
175	227	Fine grained dioritic dyke, chilled contact at 175. Medium coarse-grained at centre. Chilled again at 227.5 183 - Fault. 222 - 2" Quartz and carbonate. 223 - 2" Quartz and carbonate, a little sulphides.					
227.5	321.5	Medium coarse-grained grey diorite becoming coarse-grained about 240' to 300' and weakly saussuritized, then at 300 gradually becoming medium-grained dark grey. 240 - Slip 246 - 2" quartz carbonate and epidote. 248 - 2" quartz carbonate and epidote, at 380 258 - 2" quartz carbonate and chlorite at 350					
321.5	352	Dark grey medium grained diorite. &					
352	371	340 - 352 - Weakly sheared with stringers of quartz.carb. Ore zone. Fairly strongly altered and considerable sulphides. Some fine brecciation with light brown fragments.	1575 1576 1577 1578 1578	357.5 359 361.5 363.5 365.5	359 361.5 363.5 365.5 367.5	1.5 2.5 2.0 2.0 2.0	0.02 0.02 0.07 0.02 0.07
		357 - 358 - Fault, lost core					0.053 6.0

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

TROU No. 116
HOLE No. 28
FEUILLE No. 2
SHEET No.
SECTION _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE **600 feet.**
TOTAL DEPTH

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
37	381	Dark green coarse grained chloritized diorite, sheared to 376 then massive with considerable fine sulphides.	1579	365.5	367.5	2.0	0.07	11.
			1580	367.5	369.5	2	0.04	0.16
			1581	369.5	370.5	1.0	0.26	5.0
381	450	Medium coarse grained grey even-grained diorite.	1582	370.5	372.5	2.0	0.24	
			1583	372.5	374.5	2.0	nil	
			1584	374.5	376.0	1.5	nil	
			1585	376.0	378	2	nil	
		383 - 384 - Diorite dyke.	1586	378	380	2	nil	
		424 - 428 - Core broken up by numerous slips. fault.	1587	248.5	251.5	3	0.02	
		424 - Fault	1588	251.5	253.5	2.0	0.08	
450	452	Weakly sheared. Green with black spots,	1589	255.5	255.7	2.0	0.05	
				253.5	257.5	2.0	0.06	0.06
		450 - Fault.						6.0
452	461	Dark purple altered feldspar porphyry dyke.						
		461 - Fault.						
461	566	Coarse grained to very coarse grained light grey diorite, considerable feldspars. Locally epidotized along						
		566 - rock fine - grained.						
566	600	Medium grained feldspathic diorite becoming coarse-grained about 495.						
		585- 8" silicified.						
	600	END OF HOLE.						

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

TROU No. 111-6
HOLE No. 29

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION SurfaceCOORDONNÉES ORIFICE
CO-ORDINATES COLLARORIENTATION
BEARING S.10 - 00 ECOMMENCÉ LE
DATE BEGUNLAT. 2753.77 DEP. 1551.45ANGLE 58° .30'TERMINÉ LE
DATE FINISHEDÉLEVATION, ORIFICE
ELEVATION, COLLAR 4991.77PROFONDEUR TOTALE
TOTAL DEPTH 358 ft.JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0	32.0	Casing.						
32	161	Medium-grained very dark green diorite, which from 32 to 65 is faintly porphyritic, then becomes fine grained andesitic to 95, then medium grained (different rock than any previous hole.) becomes fine-grained and chilled at 159. 69 - 71 - Fault zone. Shearing at 45°.						
161	231	Medium-grained dark green diorite with whitish leucoxene flakes, texture of rock becomes uneven about 190. 161 - 162 - Irregular quartz and a little sulphide. 164 - Slip. 195 - Irregular carbonatization adjacent to 3 stringers of quartz. 223 - 224 - Irregular carbonatization adjacent to 3 stringers of quartz. 237 - Scattered sulphides.						
231	277	Coarse-grained uneven irregular diorite locally green with black spots. generally weakly carbonated.						
277	292	Ore zone. Alterations uneven. Considerable diorite. Not very much sulphides,	1591	284	286	2	0.02	
			1592	286	288	2	0.02	
			1593	288	290	2	0.01	.02
			1594	290	292	2	0.01	4.
			1595	245	247	2	Tr	
			1824	274	276	2		
292	358	Medium coarse-grained dark green diorite, becoming dark grey at 330 - feathery ferromagnesian						
	358	END OF HOLE.						

TERRAIN SENATOR ROUYN LTD.
PROPERTY _____

111-6
TROU No. _____
HOLE No. 30
FEUILLE No. _____
SHEET No. 2
SECTION _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH 360 ft.

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
		297.5 - 302 - Silicified and mineralized.						
		302 - 304 - Silicified emerald green schist.	1601	304	305	1	0.030	0.018
			1602	305	307	2	0.01	5.0
		304 - 308 - Sheared weakly altered diorite.	1702	307	309	2	0.02	
		308 - 310 - Silicified diorite.	1703	309	311	2	Tr.	
			1704	311	313	2	nil	
310.5	329	Dark green chloritized medium coarse grained diorite,	1705	313	315	2	Tr	
			1706	315	317	2	Tr	
			1707	317	319	2	Tr	
329	353	Dark green medium grained diorite with weak shearing and threads of quartz from 338 to 342, uneven-grained.	1708	319	321	2	Tr	
			1709	321	323	2	Tr	
			1710	323	325	2	nil	
			1711	325	327	2	nil	
		352 - slip with 2" quartz and carbonate,						
		353 - slip with 2" quartz and carbonate.						
353	360	Medium even grained dark grey diorite.						
	360	END OF HOLE.						

TERRAIN
PROPERTY

SENATOR ROUYN LTD?

111-6

TROU No. _____
HOLE No. 31

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLARORIENTATION
BEARING S. 20 - 00 ECOMMENCÉ LE
DATE BEGUN _____LAT. 2872.32 DEP. 1570.35ANGLE 70 - 00TERMINÉ LE
DATE FINISHED _____ELEVATION, ORIFICE
ELEVATION, COLLAR 4992.6'PROFONDEUR TOTALE
TOTAL DEPTH 425 ft.JOURNAL PAR
LOGGED BY B.S.W.B.

Location Block 82

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0.0	32	Casing						
32	53	Coarse grained light grey diorite. 49-50 - Weak albitization with $\frac{1}{2}$ " quartz.						
53	150	Chilled contact. Coarse-grained above, fine grained below. Medium grained dark grey diorite, very fine-grained to 60 the gradually becomes medium-grained at 68. Then chilled fine grained contact from 142-150 65-110 - Numerous weak slips.						
150	214	Coarse-grained light grey diorite. Similar to 32- 53.						
214	214	Contact gradational.						
214	246	Medium to fine grained diorite. Dark greyish green with minute light brown (Leucoxene) flakes. 232-232.9 - Quartz carbonate vein with a little sulphides.						
246	324.5	Contact vague but abrupt. Grey to dark grey coarse-grained diorite, uneven textured below 295. 300 - 301 Weakly albitized. 324.5 - Contact sharp.						
324.5	391	Fine grained dark grey diorite, gradually becoming coarse-grained at 333. 351 - 353.3 - scattered threads of quartz and carbonate. 353.3-360.5 - Ore zone. Mixed quartz & some diorite. Some scattered sulphides. 360.5 - 362.0 - Sheared diorite with a little emerald green mica.	1612 1603 1604 1605 1606 1607	350 352.5 353.5 354.5 355.5 356.5	352.5 353.5 354.5 355.5 356.5 357.5	2.0 1.0 1.0 1.0 1.0 2.0	0.02 1.320 0.25 1.19 1.12 0.08	4.0 4.89 7.0
		362-391 - Weakly sheared chloritized diorite with a little scattered sulphides from 384-391.	1608 1609 1610 1611	357.5 358.5 359.5 360.5	358.5 359.5 360.5 362.5	1.0 1.0 1.0 2.0	0.03 0.06 0.02 Tr.	3.0
391	425 425	Very coarse-grained grey diorite, considerable feldspar. END OF HOLE.						

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
 TROU No. 32
 HOLE No. 32
 FEUILLE No. 1
 SHEET No. 1
 SECTION Surface

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION BEARING S. 14 - 00 E.
250-70°-30'
 ANGLE 400-70 - 30 -69.30

COMMENCÉ LE
 DATE BEGUN _____

LAT. 2895.14 DEP. 1615.91

TERMINÉ LE
 DATE FINISHED _____

ELEVATION, ORIFICE
 ELEVATION, COLLAR 1991.2'

PROFONDEUR TOTALE
 TOTAL DEPTH 503 ft.

JOURNAL PAR
 LOGGED BY B.S.W.B.

Location: Block 82

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0.0	46.0	Casing.						
4/	202.5	Light grey coarse-grained saussuritized diorite, becoming massive coarse (medium) even-grained about 125 ft. 121-122 - Probable fault about parallel 200-201 - Weakly sheared.						
	202.5	Contact abrupt.						
202.5	238.5	Dark greyish green medium-grained diorite with minute light brown (leucoxene) flakes. 225 - 4" glassy white quartz.	1613	384	386	2	0.05	
	238.5	Contact vague but xxx abrupt.	1614	386	388	3	0.07	0.057
	238.5		1615	388	390	2	0.03	8.0
	238.5		1616	390	392	2	0.08	
238.5	280.0	Grey to dark grey medium to coarse-grained diorite, somewhat uneven textured. Fine-grained feldspars then coarse-grained from 265-280.	1617	392	393	1	0.73	0.476
			1618	393	394	1	0.25	5.0
			1619	394	395	1	0.44	
			1620	395	396	1	0.56	
	280	Fault or very strong slip.	1621	396	397	1	0.40	
280	285	Fine-grained diorite with irregular albitized sections	1622	398	399	1	0.23	
			1622	397	398	1	0.63	
			1624	399	400	1	0.48	
285	429	Grey medium-grained diorite somewhat uneven textured.	1625	400	401	1	0.64	
			1626	401	402	1	0.46	
		297- 4" quartz & carb. Probably along slip.	1627	402	403	1	0.21	
			1628	403	404	1	0.27	0.332
			1629	404	405	1	1.07	5.0
	298.5	Slip	1630	405	406	1	0.16	
			1631	406	407	1	0.12	
		378-388- Strongly carbonated, weakly sheared.	1632	407	408	1	0.15	0.233
								36.0
			1633	408	409	1	0.22	0.222
								5.0
			1634	409	410	1	0.21	

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

TROU No. **32**
 HOLE No. **32**
 FEUILLE No. **2**
 SHEET No. **2**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING _____

COMMENCÉ LE
 DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
 DATE FINISHED _____

ELÉVATION, ORIFICE
 ELEVATION, COLLAR _____

PROFONDEUR TOTALE **503 ft.**
 TOTAL DEPTH _____

JOURNAL PAR
 LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
		388-417 - Ore zone. Lavender quartz with sheared cut altered diorite. Some glossy white quartz. Scattered disseminated sulphides.	1635	410	411	1	0.21	
			1636	411	412	1	0.06	
			1637	412	413	1	0.120	0.024
			1638	413	414	1	0.07	5.0
			1639	414	415	1	0.12	
			1640	415	416	1	0.10	
		417-429- Sheared and carbonated diorite.	1641	416	417	1	0.08	
429	486	Very coarse-grained diorite, weakly xxxxxx chloritized to 460. Fairly abundant medium-grained feldspars. Contact abrupt.	1642	417	418	1	0.03	0.057
	486.5		1643	418	419	1	0.07	4.0
			1644	419	420	1	0.05	
486.5	503	Medium uneven-grained dark grey diorite.	1645	420	421	1	0.08	
	503	END OF HOLE.	1646	421	423	2	0.02	
			1647	423	424	2	Tr.	
		Ore zone.						
	393.5	Bleached coarse-grained altered diorite.						
93' 5	397.5	Mauve quartz.						
39' 5	408.5	Highly altered coars-grained diorite disseminated sulphides.						
408' 5	417	90% Mauve quartz with emerald green schist.						
	415	Oxidized slip.						
417	418.5	Emerald green quartz carbonate schist.						
	418.5	Oxidized slip.						
	418.5	Bleached and altered diorite.						

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.13 - 00 E**

COMMENCÉ LE
DATE BEGUN _____

LAT. **2914.29** DEP. **1660.55**

ANGLE **70 - 00**

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR **4991.2'**

PROFONDEUR TOTALE
TOTAL DEPTH **545 ft.**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

Location: Block 82

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0.	17	Casing.						
17	75	Medium even-grained dark green diorite, which at 40 becomes fine-grained. 73.5-75 - 70% quartz and carbonate with a little sulphides.						
	75	Fault.						
75	79	Grey medium-grained diorite, scattered small whitish flakes.						
	79	Contact fairly abrupt.						
79	210.5	Coarse-grained sausseritized diorite. 99.5 - 100 - Dark purple fine grained feldspar porphyry. 167 - Fault. 169-170 - Fault. 180 - Fault 195- Parallel joint.						
	210.5	Fault or strong slip.						
210.5	221	Medium-grained dark grey hard diorite with some minute leucoxene. Scattered slips.						
	221	Contact fairly abrupt.	1649	431	433	2	nil	
22.	268.2	Medium-coarse grained grey diorite, fine feldspars.	1650	433	435	2	nil	
	268.2	Contact sharp.	1651	435	436	1	0.02	
			1652	436	437	1	0.01	
268.2	286.5	Fine-grained dark diorite with chill from 268.2 - 270.0	1653	437	438	1	0.20	
			1654	438	439	1	1.00	0.608
			1655	439	440	1	1.00	5.0
			1656	440	441	1	0.45	
	286.5	Contact abrupt.	1657	441	442	1	0.38	
286.5	300	Medium coarse grained dark grey diorite.	1658	442	443	1	0.13	
			1659	443	444	1	0.51	0.302
			1660	444	445	1	0.50	5.0
	300	Fault - 2" shearing with calcite.	1661	445	446	1	0.22	
			1662	446	447	1	0.15	

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
300	415.5	Dark grey medium-grained diorite, somewhat uneven textured.	1663	447	448	1	0.13	
			1664	448	449	1	0.20	0.175
			1665	449	450	1	0.11	6.0
		338 - Fault, with a little quartz & sulphides.	1666	450	451	1	0.13	
			1667	451	452	1	0.26	
			1668	452	453	1	0.22	
		362.5 - 2" quartz along slip at 30°	1669	453	454	1	0.25	
415.5	421.5	Fine-grained dark green diorite dyke- contact sharp.	1670	454	455	1	0.34	0.330
			1671	455	456	1	0.16	5.0
			1672	456	457	1	0.64	
			1673	457	458	1	0.16	
421.5	534	Coarse-grained diorite.	1674	458	459	1	0.02	
			1675	459	460	1	0.01	0.017
			1676	460	461	1	0.02	4.0
		424-437 - Weakly sheared & carbonated.	1677	461	462	1	0.02	
		437-471 - Ore zone(for details see separate sheet)	1678	462	463	1	0.06	
			1679	463	464	1	0.04	0.072
			1680	464	465	1	0.08	4.0
		471-473 - 60% white quartz in emerald green schist.	1681	465	466	1	0.11	0.242
			1682	466	467	1	0.14	34.0
		473- Medium grained dark green chloritized diorite with a few threads of quartz and albitization to 497.	1683	467	468	1	0.27	0.142
			1684	468	479	1	0.12	5.0
			1685	469	470	1	0.12	
			1686	470	471	1	0.16	
		552.5 - Fault with 2" quartz and carbonate.	1687	471	472	1	nil	
			1688	472	473	1	Fr	
			1689	473	474	1	Fr	
534	540	Hard dense dark diorite dyke. Fine grained.	1690	474	475	1	Nil	
			1691	475	476	1	nil	
			1692	476	477	1	Fr	
540	545	Medium grained(coarse) diorite.	1693	477	479	2	Nil	

TERRAIN
PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. 111-6
HOLE No. **33**

FEUILLE No.
SHEET No. **3**

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
			1694	479	481	2	nil
			1695	481	483	2	0.03
			1696	483	485	2	nil
			1697	485	487	2	nil
			1698	487	489	2	nil
			1699	489	491	2	Tr
			1700	491	493	2	nil
			1701	493	495	2	nil
Note: Details ref. page 2.							
ORE ZONE							
437	437	Bleached and carbonated diorite. Coarse grained.					
437	458	Highly altered whitish coarse grained diorite. (very little mauve quartz.)					
458	461.5	Dark grey sheared and altered diorite.					
461.5	471	Somewhat similar to 437-458. A little more quartz.					
471	473	Emerald greenschist with 50% white quartz.					
473	476.5	Carbonate schist.					
	476.5	Sharp change.					
476.5		Chloritized diorite.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. **34**¹¹¹⁻⁶
HOLE No. _____

FEUILLE No. **1**
SHEET No. _____

SECTION **Surface**

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.14 -00E**

COMMENCÉ LE
DATE BEGUN _____

LA **2936.59** DEP. **1705.75**

ANGLE **0.70.00**
250-72 / 405-71

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR **4991.5 from contour**

PROFONDEUR TOTALE
TOTAL DEPTH **578 ft.**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

Location **Block 82**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONGEN D'OR PAR TONNE ASSAY, OUNCE GOLD PER TON	
DE FROM	A TO							
0	11	Gasing.						
11	102	Medium-coarse grained green diorite, becoming medium-grained about 60 ft.	1712	453	455	2.0	Nil	
		39.5 - 6" white quartz	1713	455	456	1.0	nil	
			1714	456	457	1	nil	
			1715	457	458	;	0.01	
			1716	458	459	1	0.02	
		95.0 - 6" quartz and carbonate on weak shear.	1717	459	460	1	0.01	
			1718	460	461	1	0.01	
			1719	461	462	1	0.04	
		102 - Probable fault.	1720	462	463	1	0.01	
			1721	463	464	1	0.10	
102	132	Medium coarse-grained -uneven diorite.	1722	464	465	1	0.01	0.052
			1723	465	466	1.	0.03	4.0
	132	Conatet fairly abrupt.	1724	466	467	1	0.07	
132	188	Very coarse-grained saussuritized diorite. Broken by numerous slips.	1725	467	468	1	0.08	
			1726	468	469	1	0.08	0.067
	188	Change, abrupt.	1727	469	470	1	0.02	4.0
			1728	470	471	1	0.10	
188	219	Dark grey medium-grained diorite with flakes of leucoxene. Scattered veinlets of glassy white quartz.	1729	471	472	1	0.11	
			1730	472	473	1	0.18	0.107
			1731	473	474	1	0.12	4.0
			1732	474	475	1	0.02	
		204 - slip	1733	475	476	1	0.22	
219	275	Coarse-grained dark grey diorite with medium feldspars.	17 34	476	477	1	0.09	0.194
			1735	477	478	0.18	0.16	5.0
			1736	478	479	1	0.25	
275	285	Medium fine-grained diorite dyke with chilled edge.	1737	479	480	1	0.23	
285	375.5							

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
375	376.5	Medium coarse-grained dark grey diorite which about 325 becomed dark grey hard medium even-grained. (resembles a dacite in texture.)	1738	480	481	1	0.60	
			1739	481	482	1	0.70	0.680
			1740	482	483	1	0.61	500
			1741	483	484	1	0.79	
		317.5-319.0 - Irregular quartz chlorite braccia. Might be a fault zone.	1742	484	485	1	0.70	
			1743	485	486	1	0.47	
			1744	486	487	1	0.46	0.467
			Sample No. 0.289					4.0
				33.0				
		370-3" quartz carbonate, a little sulphides,	1745	487	488	1	0.59	
			1746	488	489	1	0.35	
376.5		Contact questionable.	1747	489	490	1	0.18	0.225
			1748	490	491	1	0.27	2.0
376.5	49 5	Dark grey medium and coarse-grained diorite, uneven texture. May be a phase of above.	1749	491	492	1	0.62	0.477
			1750	492	493	1	0.48	3.0
			1751	493	494	1	0.33	
		397-398 - Weak albitization with some massive chlorites.	1752	494	495	1	0.27	0.245
			1753	495	496	1	0.22	2.0
			1754	496	497	1	0.01	
		417 Weak shearing with some quartz and carbonate.	1755	497	498	1	0.01	
			1756	498	499	1	Nil	
			1757	499	500	1	nil	
		457-465- Sheared and altered diorate. A little scattered sulphides.	1758	500	501	Tr	Tr	
			1759	501	502	1	0.01	
			1760	502	503	1	0.01	
		465-495- Ore zone. (best values on footwall)	1761	503	504	1	Nil	
			1762	504	505	1	Tr	
			1763	505	506	1	0.01	
		495 - Oxidized slip or fault.	1764	506	507	1	nil	

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
495	557	Very coarse grained dark green diorite. Weakly sheared and altered to 505.	1765	507	508	1	0.01
			1766	508	510	2	Tr.
		553.5 - Fault	1767	510	512	2	n11
			1768	512	514	2	n11
		557 - Sharp contact	1769	514	516	2	0.02
			1770	516	518	2	n11
577	578	Medium fine grained green diorite.	1771	572	572.5	0.5	Tr
		572-572.5 Quartz- carbonate- epidote with a little sulphides.					

TERRAIN
PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶
HOLE No. **35**

FEUILLE No. **1**
SHEET No.

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.11 - 00 E**

COMMENCÉ LE
DATE BEGUN _____

LAT: **2958.85** DEP: **1752.27**

ANGLE **70 -00**

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR **4991.5**

PROFONDEUR TOTALE
TOTAL DEPTH **574 ft.**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0.0	8	Casing						
8	95	Medium coarse even-grained dark grey diorite. Becoming light grey about 50 ft. 48.5 - 6" white quartz.	1772	475	477	2	Tr.	
			1773	477	479	2	Tr	
		94 - 95 - White quartz and massive chlorite,	1774	479	480	1	0.02	
		95 - Fault	1775	480	481	1	0.01	
95	193	Coarse grained grey sausseritized diorite.	1776	481	482	1	Tr	
			1777	482	483	1	0.10	
			1778	483	484	1	0.65	0.540
		113-120 - Oxidized	1779	484	485	1	1.00	4.0
		130- 131 - 80% white quartz.	1780	485	486	1	0.41	
			1781	486	487	1	0.16	
193		Contact vague.	1782	487	488	1	0.11	0.186
			1783	488	489	1	0.43	5.0
			1784	489	490	1	0.10	
193	213	Medium fine grained hard dark grey diorite. Scattered white leucoxene flakes.	1785	490	491	1	0.13	0.211
			1786	491	492	1	0.05	19.0
		207-213 - 50% lost core - strong fault zone.	1787	492	493	1	0.04	0.064
			1788	493	494	1	0.13	5.0
			1789	494	495	1	0.04	
			1790	495	496	1	0.06	
213	311	Grey coarse grained diorite, becoming dark grey about 250.	1791	496	497	1	0.11	
		254 - 6" shearing with quartz and carbonate.	1792	497	498	1	0.09	0.122
			1793	498	499	1	0.17	
		277.5 - Fine grained diorite dyke.	1794	499	500	1	0.14	
		300 - 311 - Diorite, gradually becomes fine-grained and chilled at 304-305.	1795	500	501	1	0.12	

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
3	311 427.5	Contact sharp. Medium even-grained grey diorite. (dacite-like) 362-363-2" quartz and chlorite, parallel.	1796	501	502	1	0.01	
			1797	502	503	1	0.01	0.010
			1798	503	504	1	0.01	5.0
			1799	504	505	1	0.02	
			1800	505	506	1	Tr	
427.5	427.5 447	Contact sharp Coarse-grained dark grey diorite.	1801	506	507	1	0.01	0.013
			1802	507	508	1	0.03	3.0
			1803	508	509	1	Tr	
447	447 479	Sharp. Dark grey hard diorite. Medium coarse grained to 460, then medium fine grained.	1804	509	510	1	0.10	0.053
			1805	510	511	1	0.04	3.0
			1806	511	512	1	0.02	0.057
		474.5 - 3" quartz carbonate.						13.0
			1807	512	513	1	0.16	0.137
			1808	513	514	1	0.11	3.0
479	483	Sheared and carbonated diorite,	1809	514	515	1	0.14	
483	501	Ore zone.	1810	515	516	1	0.030	0.032
			1811	516	517	1	0.02	4.0
			1812	517	518	1	0.04	
501	506	Weakly sheared and strongly carbonated diorite.	1813	518	519	1	0.04	
			1814	519	520	1	Tr	
506	519	Ore zone. Highly altered diorite. Not as highly silicified	1815	520	521	1	Tr	
as from		as from 483-501. Considerable disseminated fine sulphides.	1816	521	522	1	nil	
519	529	Weakly sheared and carbonated diorite, gradually becoming	1817	522	523	1	nil	
		dark grey.	1818	523	524	1	Tr	
529	560	Coarse grained diorite, weakly chloritized and cut by						
		scattered stringers of carbonate.						
560		Contact sharp.						
560	574	Dark green medium fine-grained diorite. Locally a few large						
		flakes of leucoxene.						
	574	END OF HOLE						

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

TROU No. 111-6
HOLE No. 36
FEUILLE No. 1
SHEET No.
SECTION

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

2981.68 1796.91

LAT. DEP.

ELÉVATION, ORIFICE
ELEVATION, COLLAR 4992.2'

ORIENTATION S. 13-00 E
BEARING

0-69° -30', 300'-72
400' -70' -- 69-30

ANGLE

PROFONDEUR TOTALE 663 Feet
TOTAL DEPTH

COMMENCÉ LE
DATE BEGUN

TERMINÉ LE
DATE FINISHED

JOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0.0	21	Casing.						
21	123	Medium even-grained grey diorite. (slightly porphyritic)	1830	199	201	2	nil	
		32-6" white quartz.	1831	539	541	2	Tr.	
		65.5 - 6" white quartz.	1832	541	543	2	0.02	
		100-123 - Diorite, uneven-textured.	1833	543	544	1.0	Tr.	
		113-122.5 - Diorite dyke.	1834	544	545	1	nil	
			1835	545	546	1	nil	
			1836	546	547	1	nil	
			1837	547	548	1	0.04	
			1838	548	549	1	0.61	
	123	Contact sharp and marked by 3" weak shearing with quartz and carbonate.	1839	549	550	1	0.03	
			1840	550	551	1	0.05	
			1841	551	552	1	0.09	
123	196.5	Coarse grained sausseritized diorite.	1842	552	553	1	nil	
196.5	216.0	Shear zone - medium fine grained diorite, a few irregular threads of quartz and carbonate. Shearing at 60°	1843	553	554	1	0.02	
			1844	554	555	1	0.02	
			1845	555	556	1	0.03	
			1846	556	557	1	nil	
216	283	Light grey coarse-grained diorite. High proportion of feldspar.	1847	557	558	1	nil	
			1848	558	559	1	nil	
			1849	559	560	1	nil	
		276-281 - Lost core.	1850	560	561	1	nil	
		281-283 - Sheared - Fault	1851	561	562	1	0.03	0.100
			1852	562	563	1	0.17	3.0
283	513	Medium even-grained dark grey diorite. (Dalcite?)	1853	563	564	1	0.10	
			1854	564	565	1	0.01	
		292 - 294 - Sheared. 50% lost - fault.	1855	565	566	1	Tr.	
			1856	566	567	1	nil	
		395 -306 - Irregular quartz carbonate and chlorite.	1857	567	568	1	Tr	
		399-406 - Weak shear at 45° with quartz from 400-401	1858	568	569	1	nil	
			1859	569	570	1	0.01	

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		399-406 - Weak shear at 45° with quartz from 400-401	1860	570	571	1	Tr
		410- Diorite, becomes medium coarse even-grained.	1861	571	572	1	Tr
			1862	572	573	1	Tr
		489-492 - Diorite fine grained dye.	1863	573	574	1	nil
			1864	574	575	1	Tr
	513	Contact vague.	1865	575	576	1	nil
			1866	576	577	1	nil
513	565	Dark green medium-grained diorite.	1867	577	578	1	nil
			1868	578	579	1	Tr
		531-547-Weakly sheared and carbonated from 540.	1869	579	580	1	Nil
			1870	580	581	1	nil
			1871	581	582	1	nil
		547 - 552 - Ore zone. Weakly silicified and carbonated, fair sulphides. Considerable relict diorite.	1872	583	585	2	Tr.
			1873	588	590	2	Tr
			1874	592	594	2	nil
		552-555-Weakly altered diorite.	1875	598	600	2	nil
			1876	602	604	2	nil
			1877	607	609	2	nil
		555-556- Fairly strong alteration with considerable fuchsite.	1878	612	614	2	nil
			1879	616	618	2	nil
			1880	621	623	2	nil
			1881	626	628	2	nil
		556-561- Weakly altered diorite with threads of quartz and carbonate.					
		561-565- Fairly strong alterations with considerable fuchsite and some white quartz and					
565	581	Chloritized coarse-grained diorite. Some diss. sulphides.					
581	663	Dark green medium coarse-grained diorite.					
		600.5 - 602 - Strong carbonated shear.					
		616½ Fault					
	663	END OF HOLE.					

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 3003.08 DEP. 1842.48
ELEVATION, ORIFICE
ELEVATION, COLLAR 4992.3'

ORIENTATION
BEARING S.01 -00E
ANGLE 70-00
PROFONDEUR TOTALE
TOTAL DEPTH 616 ft.

COMMENCÉ LE
DATE BEGUN
TERMINÉ LE
DATE FINISHED
JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0 46	46 133.5	Casing. Medium even-grained dark grey diorite. (slightly porphyritic)	1882	522	524	2	nil	
			1883	524	526	2	nil	
			1884	526	528	2	nil	
		108.5-112- Fine grained diorite dyke. XXXX	1885	528	530	2	nil	
			1886	530	531	1	tr	
		117-122-Pegmatitic phase.	1887	531	532	1	0.02	
			1888	532	533	1	nil	
133.5	198	Coarse-grained sausseritized diorite.	1889	533	534	1	0.01	
		149- slip	1890	534	535	1.0	nil	
			1891	535	536	1	nil	
		174-176 - Slip parallel.	1892	536	537	1	nil	
			1893	537	538	1	Tr	
		191- Strong slip.	1894	538	539	1	nil	
			1895	539	540	1	0.01	
			1896	540	541	1	nil	
198	225	Fine grained dark grey hard diorite, with leucoxene flakes.	1897	541	542	1	nil	
		Locally weakly sheared 50° and with scattered stringers of quartz and carbonates.	1898	542	543	1	Tr	
			1899	543	544	1	Tr	
			1900	544	545	1	Tr	
		221.5 - 222.5 - Quartz & carbonate - slip.	1901	545	546	1	Tr	
225.5	261	Light grey medium coarse even-grained diorite.	1902	546	547	1	0.02	
			1903	547	548	1	0.34	
			1904	548	549	1	0.14	0.32
			1905	549	550	1	0.51	4.
			1906	550	551	1	0.30	
		229.5 - Slip	1907	551	552	1	0.17	0.17
		250.5 - 6" quartz along slip at 30°	1908	552	553	2	0.23	3.0
		259 - 6" quartz along slip at 30°	1909	553	554	1	0.13	

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
267	286	Fine grained dyke, with coarse-grained centre, Chilled edges.					0.212 9.0
286	523	Coarse grained dark grey diorite, gradually becoming medium even-grained (dacite) about 320. Then dark green uneven-grained textured about 490.	1910 1911 1912 1913 1914 1915 1916	554 555 556 557 558 559 560 561	555 556 557 558 559 560 563	1 1 1 1 1 1 2	0.060 0.03 Tr 0.03 0.030 0.04 Tr
		383-384 - Weak shear. 453 - Slip					8.0
523	547	Weakly sheared and altered diorite. Alterations strongest along scattered threads of quartz and carbonates. Some scattered sulphides.	1917 1918 1919 1920	563 565 570 572	565 567 572 574	2 2 2 2	0.08 Tr Tr nil
547	556	Ore zone. Fairly complete alterations. More so than in hole 36.	1921	574	575	1	0.06 0.057
556	565	Sheared and carbonated coarse-grained diorite.	1922 1923	575 575.5	575.5 576.5	0.5 1.0	0.05 Tr. 1.5
565	616	Coarse grained uneven textured diorite. Dark greyish green to green to 596, then dark grey to 616. 570 - 575 - Sheared and altered diorite. 575 - Oxidized fault. 580 - 3" quartz and					
	616	END OF HOLE.					

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

TROUGH No. ¹¹¹⁻⁶
HOLE No. 38

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLARORIENTATION S.11 -00E
BEARINGCOMMENCÉ LE
DATE BEGUN _____LAT. 2810.64 DEP. 1435.15ANGLE 0-70° 00'
300 - 64° 00'TERMINÉ LE
DATE FINISHED _____ÉLÉVATION, ORIFICE
ELEVATION, COLLAR 4991.50PROFONDEUR TOTALE
TOTAL DEPTH 319JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0.0	64	Casing	1924	234	236	2	nil	
64	97	Medium-grained greenish diorite. Chilled from 96-97.	1925	236	238	2	Tr	
			1926	238	239	1	0.36	
97	136.5	Very coarse grained weakly sausseritized diorite.	1927	239	240	1	0.85	0.64
			1928	240	241	1	0.77	5.0
			1929	241	242	1	1.00	
			1930	242	243	1	0.74	0.33
		107-112.5 - Diorite dyke.						9.0
136.5	167	Purple feldspar porphyry.	1931	243	244	1	0.03	0.06
147	167	Green medium fine grained diorite(a few scattered leucoxene flakes.	1932	244	245	1	0.04	4.0
			1933	245	246	1	0.04	
			1934	246	247	1	0.13	
			1935	247	248	1	Tr	
		163.5 - fault with 6" shearing and some quartz.	1936	248	249	1	0.01	
			1937	249	250	1	0.02	
			1938	250	251	1	0.02	
	167	Vague	1939	251	252	1	Tr.	
			1940	252	253	1	0.02	
167	225	Medium even-grained greenish diorite, becoming fine-grained about 210.	1941	253	254	1	nil	
			1942	254	255	1	nil	
			1943	255	256	1	Tr	
		180-184 - Diorite dyke.	1944	256	257	1	nil	
		201-201.5 - Quartz a little sulphides.	1945	257	258	1	Tr.	
			1946	258	259	1	Tr.	
225	238	Sheared and weakly carbonated.	1947	259	260	1	0.01	
			1948	260	261	1	nil	
238	305	Ore zone	1949	261	262	1	Tr.	
			1950	262	263	1	Tr	
		238-239 - Sheared and well altered. A little sulphides.	1951	263	264	1	nil	
			1952	264	265	1	Tr	
		239-242.3 - Whitish emerald green schist.						

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

111-6
 TROU No. 38
 HOLE No. 38
 FEUILLE No. 2
 SHEET No. 2
 SECTION _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING _____

COMMENCÉ LE
 DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
 DATE FINISHED _____

ÉLÉVATION, ORIFICE
 ELEVATION, COLLAR _____

PROFONDEUR TOTALE
 TOTAL DEPTH _____

JOURNAL PAR
 LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
		242.3-247- Similar to 238-239	1953	265	266	1	0.01	
		247-256.5- Sheared green diorite. Scattered Qtz - Carbonate.	1954	266	267	1	0.03	0.130
			1955	267	268	1	0.12	4.0
			1956	268	269	1	0.29	
			1957	269	270	1	0.08	
		256.5 - 266 - Dark purple brecciated silicifications with scattered sulphides.	1958	270	271	1	nil	
		266-270- Emerald green schist.	1959	271	272	1	nil	
			1960	272	273	1	0.01	
			1961	273	274	1	Tr	
		270-275- Light grey quartz- carbonate schist.	1962	274	275	1	nil	
			1963	275	276	1	Tr	
			1964	276	277	1	0.01	
		275-305- Sheared dark green diorite with considerable irregular quartz & carbonate replacements.	1965	277	278	1	Tr	
			1966	278	279	1	0.02	
			1967	279	280	1	0.01	
			1968	280	281	1	0.02	
30'	319	Dark green coarse-grained highly chloritized diorite.	1969	281	282	1	0.01	
			1970	282	283	1	0.06	
			1971	283	285	2	Tr.	
			1972	285	287	2	0.01	
			1973	287	289	2	0.01	
	319	END OF HOLE	1974	289	291	2	Tr.	
			1975	291	293	2	0.05	
			1976	293	295	2	nil	
			1977	295	297	2	nil	
			1978	297	299	2	nil	
			1979	299	301	2	0.02	
			1980	301	303	2	0.02	
			1981	303	305	2	0.04	
			1982	305	307	2	Tr.	

TERRAIN
PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶
HOLE No. **39**

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **3021.61** DEP. **1886.51**

ELEVATION, ORIFICE
ELEVATION, COLLAR **4992.4'**

ORIENTATION **S.10-00E**
BEARING

350-76°00 - 77°00'
ANGLE **700-74°00**

PROFONDEUR TOTALE
TOTAL DEPTH **740 ft.**

COMMENCÉ LE
DATE BEGUN

TERMINÉ LE
DATE FINISHED

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	50	Casing.					
	152	Medium even grained grey diorite. (slightly porphyritic)					
	152	Sharp- upper rock shows fine grain then chill.					
152	188	Medium coarse-grained diorite. Considerable fine epidotizations- mottled.					
	188	183.5 - 6" irregular quartz.					
	188	Sheared over 6". Probable fault.					
188	243	Coarse-grained sausseritized diorite, which from 204-222 is weakly aibitized and silicified throughout.					
	243	226.5 - 6" sheared. Fault?					
243	256	Medium fine grained dark grey diorite.	2019	630	632	2	Tr
	256	Fault	2020	632	634	2	Tr
	256		2021	634	636	2	Tr
	256		2022	636	638	2	Nil
256	338.5	Light grey coarse grained diorite, high proportion of feldspass. Becomes dark grey and medium grained, coarse about 315.	2023	638	640	2	nil
	338.5		2024	640	642	2	Tr
	338.5		2025	642	644	2	Tr
	338.5		2026	644	646	2	nil
	338.5		2027	646	648	2	nil
338.5	633	Fine grained light green diorite(with inclusion of coarse grained diorite from 346.5-350) which becomes medium fine grained about 370 (dacite) then medium grained about 425.	2028	648	650	2	Tr
	633	379- Weak shear	2029	650	652	2	Tr
	633	381- Strong slip.	2030	652	654	2	0.01
	633	389-393- Weak silicification.	2031	654	656	2	Tr.
	633	409-411 - 3" quartz at 15°.	2032	656	658	2	Tr
	633	500-6" shear with quartz and carbonate at 60°.	2033	658	660	2	Tr
	633	506-508- Weak epidotization.	2034	660	662	2	nil
	633	564-6" Diorite dyke.	2035	662	664	2	nil
	633		2036	664	666	2	Tr
	633		2037	666	668	2	Tr
	633		2038	668	670	2	0.01

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY _____

TROU No. **39⁶**
HOLE No. _____
FEUILLE No. **2**
SHEET No. _____
SECTION _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		
DE FROM	A TO								
633	637	614 - Diorite becomes dark grey with scattered threads of quartz and carbonates.	2039	670	672	2	Tr		
			2040	672	674	2	nil		
			2041	674	676	2	Tr		
			2042	676	678	2	Tr		
			2043	678	680	2	Tr		
			2044	684	686	2	Tr		
			2045	686	688	2	nil		
			2046	688	690	2	Tr		
			2047	690	692	2	nil		
			2048	692	694	2	nil		
			2049	694	696	2	nil		
				Coarse-grained diorite with scattered threads of quartz and carbonates and a little disseminated sulphides.	2050	696	698	2	nil
					2051	698	700	2	nil
					2052	700	702	2	Tr
			2053	702	704	2	Tr.		
681 684	684 740	642 - 3" white quartz and carbonate							
		657-664- Sheared and oxidized with scattered white quartz and carbonate.							
		677-681- Sheared and completely altered whitish, very little sulphides. (represents ore zone)							
681 684	740	Strong oxidized fault. Mostly lost core.							
		Dark green chloritized diorite, coarse grained.							
	740	721.5 - 10" irregular quartz carbonate & massive chlorite.							
	740	END OF HOLE.*							

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

 111-6
 TROU No. 40
 HOLE No. _____
 FEUILLE No. 1
 SHEET No. _____
 SECTION _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLARORIENTATION S.43-00W.
BEARING _____COMMENCÉ LE
DATE BEGUN _____LAT. 2931.06 DEP. 1448.45ANGLE 62.30TERMINÉ LE
DATE FINISHED _____ÉLÉVATION, ORIFICE
ELEVATION, COLLAR 4988.8'PROFONDEUR TOTALE
TOTAL DEPTH 324 ft.JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	33	Casing.					
3	103.5	Possibly andesite soaked in fine-grained diorite.					
		33-57.5 - Fine grained diorite.					
		57.5 -58.5 - Fine grained andesite.					
		58.5 -65.0 - Fine grained diorite.					
		65 - 67 - Fine grained andesite.					
		67-71 - Fine grained diorite.					
		71-76 - Fine grained andesite.					
		76-80 - Fine grained diorite.					
		80-88- Fine grained andesite.					
		88-91 - Fine grained andesite.					
		91-93.5- Fine grained diorite.					
		101-103.5- Fine grained andesite.					
103.5	114	Purple feldspar porphyry dyke.					
114	136	Fine grained andesite with a few narrow sections of fine grained diorite.					
136	230	Medium grained slightly porphyritic diorite, becoming somewhat sausseritized about 195.					
		136.5 - 2" muggy quartz.					
		154-164- Diorite dyke.	1987	270	272	2	nil
		204-4" quartz & chlorite at 30°	1988	272	274	2	nil
		206-213- parallel slips.	1989	274	276	2	nil
230	264.5	Medium grained light grey hard diorite. Scattered leucoxene flakes.	1990	276	278	2	nil
			1991	278	280	2	nil
264.5	274.5	Fine grained diorite dyke, which is cut by a few threads of quartz & carb. and is carbonated from 270-274.5.	1992	280	282	2	nil
			1993	282	284	2	nil
			1994	284	286	2	nil
			1995	286	288	2	nil

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. 111-6
HOLE No. 40

FEUILLE No.
SHEET No. 2

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
274.5	289	Medium coarse grained (pseudoporphyrific) scattered threads of quartz. Ore zone? Emerald green quartz carbonate schist.	1996	288	290	2	nil
289	292		1997	290	292	2	Tr
			1998	292	294	2	nil
			1999	294	296	2	nil
			2000	296	298	2	nil
			2001	298	300	2	Tr
			2002	300	302	2	nil
292	305	Sheared and altered medium grained diorite, cut by numerous stringers of quartz and carbonate,	2003	302	304	2	nil
			2004	304	306	2	Tr
			2005	306	308	2	nil
			2006	308	310	2	nil
305	310	Coarse grained diorite. Black spots	2007	310	312	2	nil
310	324	Medium fine grained dark grey diorite.					
	323 324	END OF HOLE					

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. 2931.06 DEP. 1448.45

ANGLE 90-00

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE 4988.8'
ELEVATION, COLLAR

PROFONDEUR TOTALE 567 ft
TOTAL DEPTH

JOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0 2	27 82.5	Casing. in Possible andesite soaked medium fine grained diorite. 27-38- Diorite 38-39.5- Andesite 39.5-40.5 - Diorite 40.5 - 42.5 - Andesite. 42.5-50.5 - Diorite. 50.5-53.0 - Andesite. 53-63.5 - Diorite. 63.5 - 71 - Andesite. 71-75- Diorite. 75-77-Andesite. 77-82.5 - Diorite.					
82.5 90	90 163	Purple feldspar, porphyry dye. Same as 27-82.5 90-95- Diorite 95-96- Andesite. 96-100-Diorite. 100-163- 80% Andesite.					
163	196	Medium coarse grained diorite, somewhat uneven-grained, somewhat sausseritized.					
196 233	233 257	Medium fine-grained diorite(dyke) Medium fine-grained grey hard diorite, weakly altered scattered leucoxene flakes. 236.5-6" silicification and quartz. 244-246- Weak shear with 2" quartz carbonate.					
257	283	Coarse grained light grey diorite.					
283	320	264.2-267- Fine grained diorite dyke. Light green uneven medium grained weakly altered diorite. Scattered minute brown flakes. (leucoxene)					

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
3	399	293-296- Weakly sheared coarse grained diorite(Blask spots) Coarse grained green diorite, somewhat uneven textured. Mediu even grained to 350, then coarse grained with high proportion of ferromagnesions. 353.5-355-Diorite dyke.						
399	448	Fault with 6" quartz and carbonate. Medium even-grained grey diorite with scattered threads of quartz and carbonate. 446.5 - 10" white quartz and carbonate.	2008	439	441	2	Tr.	
399			2009	441	443	2	0.02	0.025
			2010	443	445	2	0.03	4.0
			2011	445	447	2	Tr	
			2012	447	449	2	Tr	
448	453	Ore zone. 50% white quartz in sheared and altered diorite Some tourmaline and a little emerald green mica. No sulphides.	2013	449	451	2	Tr	
			2014	451	453	2	Tr	
			2015	453	455	2	nil	
			2016	455	457	2	Tr	
			2017	457	459	2	nil	
453	480	Coarse-grained diorite weakly sheared and carbonated.	2018	459	461	2	nil	
480	540	Medium grained grey diorite with local irregular short coarse grained sections.						
54	562	Green medium even grained diorite.						
562	563	Fault. Threads of quartz and carbonates.						
563	567	Medium grained green diorite.						
	567	END OF HOLE.						

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

TROU No. ¹¹¹⁻⁶ 42
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING S. 35-00 W

COMMENCÉ LE
DATE BEGUN

LAT. 3075.93 DEP. 1849.75

ANGLE 83° 00

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE 4993.0' 60' E (on strike)
ELEVATION, COLLAR of shaft.

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	55	Casing.	0	83° 00'			
5'	178	Medium even-grained grey diorite. (slightly porphyritic) 153-154-Numerous slips. 158-159-Numerous Slips. 162-165-Numerous slips. 1" lost core. 168-173-Pigmatic phase. 174-176-Numerous slips. 177-178-Numerous slips.	300	83° 00'			
			400	84° 30'			
			500	83° 00'			
			600	83° 00'			
			700	84° 00'			
			800	80° 00'			
			880	80° 00'			
178	178	Sharp.					
	299	Coarse-grained grey sausseritized diorite. 218-223-Fine grained phases. 223 - Slip 223 - Diorite becomes light grey.	2064	736.6	738.6	2.0	Nil
			2065	741.6	743.6	2	nil
299	322	Medium-fine-grained dark grey diorite, Leucoxene flakes. 307-310- Numerous slips with 2" quartz at 309.	2066	746.6	748.6	2	nil
			2067	750	752	2	nil
			2068	754	756	2	Tr
			2069	756.6	758.6	2	Tr
			2070	758.6	760.6	2	Tr
322	412	Light grey coarse grained diorite. 359 - 6" white quartz.	2071	760.6	762.6	2	0.180.133
			2072	762.6	764.6	2	0.19 6.0
			2073	764.6	766.6	2	0.03
		362.5 - 3" white quartz and chlorite.	2074	766.6	768.6	2	nil
		380.5 - 12" white quartz and chlorite.	2075	768.6	770.6	2	0.08
		383- 3" white quartz and chlorite.	2076	770.6	772.6	2	Tr
		406.5 - 4" white quartz and chlorite at 30°.	2077	772.6	774.6	2	Tr.
		412 - Sharp	2078	774.6	776.6	2	Tr.
			2079	776.6	778.6	2	nil
412	610	Fine grained diorite(dacite) chilled at 412-414. Becoming medium grained about 420.	2080	778.6	780.6	2	nil
			2081	780.6	782.6	2	nil
			2082	782.6	784.6	2	Tr.

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY _____

TROU No. **42⁶**
HOLE No. _____
FEUILLE No. **2**
SHEET No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
		498- Slip	2083	784.6	786.6	2	nil	
		505- Slip	2084	786.6	788.6	2	nil	
		541- Strong slip with irregular quartz over 3".	2085	788.6	790.6	2	Tr	
			2086	790.6	792.6	2	nil	
			2087	792.6	794.6	2	nil	
	610	Upper rock chilled against lower	2088	794.6	796.6	2	nil	
			2089	796.6	798.6	2	Tr	
610	758.5	Medium even-grained grey diorite.	2090	798.6	800.6	2	Tr	
		643-664- Diorite dyke.	2091	800.6	802.6	2	0.04	
		664- 10" irregular quartz and carbonate, possible fault.	2092	802.6	804.6	2	Tr.	
			2093	804.6	806.6	2	0.01	
			2094	806.6	808.6	2	0.030	0.047
758.5	766	Ore zone. 50% silicified, scattered sulphides. No shearing.	2095	808.6	810.6	2	0.06	0.0
			2096	810.6	812.6	2	0.02	
			2097	812.6	814.6	2	0.08	
766	798	Coarse grained diorite. Local silicification and scattered sulphides.	2098	814.6	816.6	2	Tr	
			2099	816.6	818.6	2	0.01	
79	833.5	Ore zone. Highly altered, silicified, carbonatized and albitized. Some scattered medium grained sulphides. A little molybdenite	2100	818.6	820.6	2	Nil	
			2101	820.6	822.6	2	nil	
833.5	860	Medium fine grained hard diorite with a few threads of carbonate to 850.	2102	822.6	824.6	2	nil	
	860	Slip.						
860	880	Medium even grained dark grey massive diorite.						
	880	END OF HOLE.						

TERRAIN SENATOR ROUYN LTD.
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
TROU No. 43
HOLE No.
FEUILLE No. 1
SHEET No.
SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. 47° 43' DEP. 4180.29

ELEVATION, ORIFICE
ELEVATION, COLLAR 4972.0'

ORIENTATION
BEARING N12° 35' E

ANGLE 0 - 35
380 - 290

PROFONDEUR TOTALE
TOTAL DEPTH 385 ft.

COMMENCÉ LE
DATE BEGUN _____

TERMINÉ LE
DATE FINISHED _____

JOURNAL PAR
LOGGED BY B

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0 2'	25 101	Casing Light grey medium and fine grained diorite. Uneven Textured. 435- 3" Muggy quartz. 52.0 - 2" quartz. 74.0 - 6" quartz at 30°.					
102	191.5	Medium even-grained grey diorite. (coarse dacite), 104.5- Slip 127.5-Slip 130 - Slip 167 - Slip with 4" epidote.					
191.5 193	193	Weak shear zone with 50% irregular quartz. Green medium uneven grained diorite. 206-207- Weak shear zone. 243-247- White quartz and carbonate. 247-247.5- Quartz. with sulphides.	2062 2063	244.6 246.6	246.6 248.6	2.0 2	nil Tr
247.5 24' 5"	304	Fault. Medium fine grained andesite. 267.5-267 - 1" quartz parallel. 270-271- White quartz.. 274- Strong slipé 277- Strong slip. 279.5-281.5- White quartz. 281.5-282.5- Tourmalinized quartz. 284.2 - Slip.					
304	284.2- 385	304 - Numerous slips at 45°. Medium fine grained green diorite or andesite, uneven. Medium grained and fine grained, possible pillow locally. e.g. 336 ft.					
	385	END OF HOLE.					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

TROU No. **111-6**
HOLE No. **44**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **1**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.17° 10' E**

COMMENCÉ LE
DATE BEGUN

LAT. **1984.86** DEP. **3774.06**

ANGLE **45°**

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR **4990 approx.**

PROFONDEUR TOTALE
TOTAL DEPTH **317 ft.**

JOURNAL PAR
LOGGED BY **B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	27	Casing					
27		Medium grained greenish grey andesite. Probably partially soaked by diorite.	2103	135	137	2.0	nil
			2104	137	139	2	nil
			2105	139	141	2	0.02
		40 - 6" quartz at 400.	2106	141	143	2	0.06
		50 - 6" quartz and axinite at 40°.	2107	143	145	2	Tr
			2108	145	147	2	nil
			2109	147	149	2	nil
138	163	Shear zone with threads of quartz and carbonate.	2110	149	151	2	Tr
		139-141- Fair alterations and sulphates.	2111	151	153	2	nil
		154-155- Scattered quartz and sulphates.	2112	153	155	2	0.01
			2113	155	157	2	Tr
163	317	Medium fine-grained andesite. Probably partially soaked by diorite. (Tops of flows towards collar of hole ?)					
		233- Slip					
		239- Slip					
		281.5-282.5 - Weakly sheared.					
		290-291- Quartz breccia.					
	317	END OF HOLE.					

TERRAIN SENATOR ROUYN LTD.
PROPERTY

TROU No. 145
HOLE No.
FEUILLE No. 1
SHEET No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION S.4° 05' E
BEARING 0-45° 00'
ANGLE 250-41.30 / 490-43° 00'

COMMENCÉ LE
DATE BEGUN

LAT. 2045.51 DEP. 3575.41

TERMINÉ LE
DATE FINISHED

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR 4990 (approx.)

PROFONDEUR TOTALE
TOTAL DEPTH 500

JOURNAL PAR
LOGGED BY B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	27	Casing.					
2	38	Fine grained andesite.					
38.5	98.5	Medium even grained diorite to 70, then fine grained diorite to 80, then medium grained to 98.5					
98.5	165	Fine grained andesite.	2114	110	110.6	0.6	nil
	165	3" epidotized shear.	2115	115.9	116.3	0.4	nil
	165		2116	220	224	2	nil
	165		2117	230	232	2	nil
165	180	Medium fine-grained diorite or coarse grained andesite.	2118	237	239	2	Tr
	180		2119	241	243	2	nil
	180	180 - Slip	2120	245	247	2	nil
	180		2121	280	282	2	nil
	180		2122	282	284	2	nil
180	226	Medium uneven-grained andesite. Probably soaked by diorite.					
226	247	Sheared andesite, dark green chloritized stringers of quartz and carbonate. Similar to #44 for 138-163.					
247	500	238-243- Dark purple feldspar porphyry dyke. Green medium grained pillowed andesite which about 295 becomes hard fine grained, green, locally amygdaloidal with wide brecciated pillows 280-282.7 - Epidote quartz, some sulphides in sheared andesite.					
	500	END OF HOLE.					

TERRAIN SENATOR ROUYN LTD.
PROPERTY

TROU No. 111-6
HOLE No. 46

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION S. 36° 45' W.
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. 735.18 DEP 2497.43

0-45° 00'
ANGLE 200-47.30 / 428-41.00

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE 4990 (approx.)
ELEVATION, COLLAR

PROFONDEUR TOTALE 428 ft.
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	29	Casing .					
2.	Medium	uneven-grained grey diorite. 70 - Slip. 75 - Slip. 80 - Slip.					
102	107	Chips of core, possible fault.					
107	193	Medium fine-grained andesite (or diorite) with local sections. Vague.					
193	207.5	Medium even-grained diorite.					
	207.5	Gradational.					
207.5	295.5	Medium coarse-grained grey saussuritized diorite. 228-229- White quartz. 248 - Slip	2123 2124 2125	294 298 303	296 300 305	2.0 2 2	nil Tr nil
295.5	328	Light grey weakly silicified andesite, ropy structures etc.	2126 2127 2128	308 312 317	310 314 319	2 2 2	nil nil nil
320	417.5	Amygdaloidal andesite. 380-394- Chips of core - fault ?	2129 2130 2131	320 327 332	324 329 334	2 2 2	nil nil nil
417.5	428	Diabase, broken by numerous slips.	2132 2133	337 341	339 343	2 2	nil nil
	428	END OF HOLE.					

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROUGH No. 111-6
HOLE No. 47FEUILLE No. 1
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. 1823.7 DEP. 1943.3

LAT. DEP.

ÉLEVATION, ORIFICE 4994.00
ELEVATION, COLLARORIENTATION S. 56° 45' W
BEARING0-450
358-450

ANGLE

PROFONDEUR TOTALE 358ft.
TOTAL DEPTHCOMMENCÉ LE
DATE BEGUNTERMINÉ LE
DATE FINISHEDJOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	58	Casing	2137	58	60	2	nil
			2138	76	78	2	nil
58	116	Grey (faintly purple) medium coarse grained diorite.	2139	88	90	2	nil
			2140	90	92	2	.02
			2141	96	98	2	.01
			2142	106	108	2	Tr
			2143	108	110	2	.03
116	128	Ore zone(?) Scattered sulphides and quartz slip. Well altered & silicified & carb., much specularite or ilmenite.	2144	110	111	1	.03
		126 - A little chalcopyrite.	2145	111	112	1	.15
			2146	112	113	1	.02
128	265	Medium grained grey diorite with a few scattered threads of quartz and carbonates and disseminated sulphides,	2147	113	114	1	.01
		184 - 3" quartz.	2148	114	115	1	.05
		189 - 6" quartz and slip at 30°.	2149	115	116	1	.14
		191 - 3" quartz	2150	116	117	1	.16
		209-211 - Scattered sulphides	2151	117	118	1	.05
		250-252 - Well altered and mineralized.	2152	118	119	1	.23
265	304	265-304 - Sheared and epidotized diorite, probably some green mica.	2153	119	120	1	.45
			2154	120	121	1	.33
			2155	121	122	1	.06
			2156	122	123	1	.03
			2157	123	124	1	.06
			2158	124	126	2	.03
		276 - 6" quartz.	2159	126	128	2	.05
		280-294 - Oxidized.	2160	146.6	149.6	3	Tr.
			2160	209	211	2	.01
304	316	Ore zone. Well bleached.	2162	250.4	252.7	2.3	.01
		304-307 - White quartz.	2163	267	269	2	nil
		307-312 - Bleached diorite.	2164	281.3	283.3	2.	nil
		312-316 - 10% quartz, scattered coarse sulphides, a little tourmaline.	2165	287	289	2	Tr
			2166	292	294	2	nil
			2167	300	301	1	Tr

.107
20.0

TERRAIN SENATOR ROUYN LTD.
PROPERTY _____

TROU No. 111-6
HOLE No. 47

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 2
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
316	338	Medium grained green diorite.	2168	301	302	1	Tr.
			2169	302	303	1	.01
			2170	303	306	3	.01
			2171	308	310	2	.01
338	358	Silicified (?) coarse grained diorite.	2172	311	313	2	Tr
			2173	313	315	2	nil
			2174	315	316	1.6	.01
	358	END OF HOLE.	2175	326	327	1	Tr

47 June 1939.

H.M.B. and B.S.W.B.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

58 Casing.

58-128.5.....Medium coarse grained older gabbro. Somewhat altered, silicified & carbonated, scattered sulphides, local 40° shears, weak.

at 71 - Possible strong slip, core broken up.
 88-91 - Carbonated, considerable sulphides, oxidized along slips.

96-98 - Ditto.
 108-182½ Ore zone. Alteration & disseminated fine sulphides cut by quartz stringers at 118.5-119, 120.7, 125.7 (coarse chalcopyrite) and 128.

128.5 -224.....Medium grained, massive older gabbro, less altered, cut by threads of carb. & epidote.

133.5-136 - Lost core.
 146.5-149.5 Scattered fine sulphides.
 152 - 4" white quartz at 30°.
 154-155 - Core broken by numerous 35° slips.
 157.5 - Tiny slip.
 183.7 - 3" quartz & carb. probably slip.
 189 - 6" white quartz at 30°
 191 - 3" ditto.
 209-211 3 narrow stringers. Glassy qtz. considerable sulphides.

224 - 265Older gabbro, weakly altered silicified.
 233 - 3" quartz in slip.
 250 - Weakly albitized, considerable fine disseminated sulphides.
 264 - 3" quartz with chlorite.
 265 - 3" # and carbonate, probably slip.

265 - 316.5 ... Uneven textured, fine to coarse grained, mylonitic phases - considerable alteration.
 265.5 - 5" white quartz and carbonate.
 277 - 1" " " " "
 278.5 - 6" irregular quartz and carbonate at 15°.

303-307.5 - 90% white quartz and a little sulphide.
 311.5-313 - 60% white quartz, some black tourmaline, scattered sulphide a little green alteration.
 316.5-358 - Fine grained older gabbro, weakly altered. Cut by narrow threads carbonate and adjacent albitization.
 326-327- Scattered sulphides.
 347-358- Feldspathic or pegmatitic phase of altered gabbro, a little pyrrhotite.

END OF HOLE.

TERRAIN PROPERTY SENATOR ROUYN LTD.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶
HOLE No. **48**
FEUILLE No. **1**
SHEET No. _____
SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **1825.0** DEP. **1945.1**

ELEVATION, ORIFICE
ELEVATION, COLLAR **4994.4'**

ORIENTATION **S 56° 45' W**
BEARING

collar - **70°**
ANGLE **251** - **69° 30'**

PROFONDEUR TOTALE **251 ft.**
TOTAL DEPTH

COMMENCÉ LE **June 1939**
DATE BEGUN

TERMINÉ LE **June 1939**
DATE FINISHED

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	52	Casing. (oxid)	-2176	52	54.6	2.6	nil
		"	-2177	56.6	55.6	1.0	.01
52	145	Dark, but well silicified, full of bluish ilmenite	-2178	60	62	2	.15
		Bleached diorite with streaks of sulphides at 63, 67, 77,	2179	62	64	2	.02
		80, 93.5, 95.5, 97, 113.0, 126.0, 130 (oxid)	-2180	64	66	2	.02
		130-145. Best values accompany heaviest mineralization.	2181	66	68	2	nil
			2182	68	70	2	.03
			2183	70	72	2	.09
145	251	Medium coarse-grained, faintly purple diorite, weakly bleached to 175.	2221	74	76	2	Tr.
		208 - 6" quartz in slip at 30°.	2184	74	76	2	.05
		211 - 18" quartz and carbonates.	2185	76	78	2	.10
			2220	78	79	1	.01
			2186	79	81	2	.06
			2187	81	83	2	.02
	251	END OF HOLE.	2188	83	85	2	.08
			2189	85	87	2	.06
			2190	87	89	2	.05
			2191	89	91	2	.05
			2192	91	93	2	.02
			2193	93	95	2	.02
			2194	95	97	2	.09
			2195	97	99	2	.03
			2196	99	101	2	.02
			2197	101	103	2	.01
			2198	103	105	2	.05
			2199	105	107	2	.05
			2200	107	109	2	.04
			2201	109	111	2	.09
			2202	111	113	2	.03
			2203	113	115	2	.04
			2204	215	117	2	.05

TERRAIN
PROPERTY _____

TROU No. ¹¹¹48
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. 2
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
			2205	117	119	2	07
			2206	119	121	2	20
			2207	121	123	2	09
			2208	123	125	2	18
			2209	125	127	2	04
			2210	127	129	2	04
			2211	129	131	2	11
			2212	131	133	2	69
			2213	133	135	2	15
			2214	135	137	2	12
			2215	137	139	2	20
			2216	139	141	2	17
			2217	141	143	2	14
			2218	143	145	2	08
			2219	165	167	2	02

#48 June 1939.

H.M.B. and B.S.W.B.

52 Casing.
52 - 145 Coarse grained altered older gabbro. Alteration becoming more intense towards the bottom of Section at 95-95.7, 70% quartz some sulphides.
96.5 - 97.5 - Ditto.
114.7 - 1/4 inch quartz.
116-116.5 Strongly silicified and altered.
119-119.5 Ditto.
124.7 - 125.5 - 60% quartz. Some quartz chalcopyrite. disseminated pyrite.
130-140 - Strongly silicified feldspathized and disseminated sulphides.
140 - 145 - Alteration gradually fading out.

145 - 175.5 Medium coarse massive older gabbro. Bleached slightly.
165-167 - Scattered disseminated sulphides.

175.65 -251 Coarse grained older gabbro, purplish green, lavender feldspar and chloritic matrix.
206 - 8" quartz and chlorite, strong slip at 30°.
208.7 -209.7 - Quartz and feldspar.
225 - 1" quartz at 15°.

251 - END OF HOLE.

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. **49** 111-6
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LA **1852.3** DE **1985.9**

ELEVATION, ORIFICE
ELEVATION, COLLAR **994.4'**

ORIENTATION
BEARING **S. 56° 45' W**

Collar - **70**
ANGLE **227' - 69° - 30'**

PROFONDEUR TOTALE
TOTAL DEPTH **227'**

COMMENCÉ LE
DATE BEGUN **July 2, 1939**

TERMINÉ LE
DATE FINISHED **July 12, 1939**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	63	Casing.	2222	117	119	2	.03
63	112.5	Medium grained, dark grey diorite. Dark altered diorite, bluish ilmenite.	2223	119	121	2	nil
			2224	121	123	2	Tr
			2225	123	125	2	Tr
			2226	125	127	2	.03
	112.5	Oxidized slip.	2227	127	129	2	Tr
			2228	129	131	2	nil
112.5	140	Weakly altered ore zone (?) 124 - 126 - Sulphides.	2229	131	133	2	Tr
			2230	133	135	2	nil
			2231	135	137	2	.01
140	227.5	Grey, medium coarse grained diorite. 160-161 - Sulphides 175-177 - Quartz breccia. 177 - Slip 192-193.5 - Sulphides.	2232	137	139	2	.02
			2233	139	141	2	Tr
			2234	141	143	2	.01
			2235	143	145	2	.02
			2236	145	147	2	Tr
			2237	147	149	2	nil
			2238	149	151	2	nil
			2239	151	153	2	nil
			2240	153	155	2	nil
			2241	155	157	2	nil
			2242	157	159	2	nil
			2243	159	161	2	Tr
			2244	161	163	2	nil
			2245	163	165	2	.02
			2246	165	167	2	.02
			2247	167	169	2	.01
			2248	169	171	2	.02
			2249	171	173	2	.03
			2250	173	175	2	.01
			2251	175	177	2	.03
	227.5	END OF HOLE.					

TERRAIN
PROPERTY _____

TROU No. 49-6
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 2
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
			2252	177	179	2	.22
			2253	179	181	2	.43
			2254	181	183	2	.03
			2255	183	185	2	.12
			2256	185	187	2	.09
			2257	187	189	2	.02
			2258	189	191	2	.03
			2259	191	193	2	.04
			2260	193	195	2	.01
			2261	195	197	2	.13
			2262	197	199	2	.02
			2263	199	201	2	.01
			2264	201	203	2	Tr
			2265	203	205	2	.01
			2266	205	207	2	Tr
			2267	207	209	2	.01
							<u>.112</u>
							20.0

49 June 1939

H.M.B. and B.S.W.B.

-63

Casing.

63 - 227.7

Coarse grained older gabbro, gradually becoming bleached and altered below 115, scattered sulphides.

At 106 Slip.

160-165 - Weak silicification similar to the bottom of ore section in hole 48.

165-207 - Rock highly chloritized and scattered coarse sulphides and a few scattered glassy quartz stringers from 170-180.

207-227.7-Dark greenish medium coarse grained massive older gabbro.

227.7

END OF HOLE.

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROUGH No. 111-6
HOLE No. 50FEUILLE No. 1
SHEET No. 1

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLARORIENTATION Vertical hole
BEARINGCOMMENCÉ LE July 12, 1939
DATE BEGUN

LAT. 1879.8 DEP. 2029.5

ANGLE 397' collar -90
-87TERMINÉ LE July 20, 1939.
DATE FINISHEDÉLEVATION, ORIFICE 4994.0'
ELEVATION, COLLARPROFONDEUR TOTALE 397'
TOTAL DEPTHJOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	95	Casing.	2268	299	301	2	.20
96	97	Sheared, bleached diorite (edge of ore zone?)	2269	301	303	2	.30
			2270	303	305	2	.20
			2271	305	307	2	.04
97	185	Green Medium grained diorite, (any schistosity oblique to core)	2272	307	309	2	.02
			2274	311	313	2	Tr.
			2275	313	315	2	.01
185	198	Red feldspar porphyry.	2276	321	323	2	.03
			2277	331	333	2	nil
198	298	Fine grained green diorite. being medium grained about 230. 293 - 299 - Weakly sheared.	2278	333	335	2	nil
			2279	335	337	2	.02
			2280	337	339	2	nil
298	315	Weakly bleached zone. (altered & chloritized.) 308-310 - Scattered sulphides.	2281	339	341	2	nil
			2282	341	343	2	Tr.
			2283	343	345	2	Tr.
315	340	Medium grained grey diorite.	2284	345	347	2	Tr.
			2285	347	349	2	.01
340	353	Weakly bleached, a little sulphides.	2286	349	351	2	.02
			2287	351	353	2	Tr.
353	397	Grey, Medium grained diorite (faintly purple)	2288	353	355	2	nil
			2289	355	357	2	Tr.
	397	END OF HOLE.	2290	357	359	2	Tr.
			2291	359	361	2	nil
			2292	361	363	2	Tr.
			2353	165.7	167.7	2	.01

HOLE #50 June 1939

H.M.B . and B.S.W.B.

-96 Casing.
96-107 60% lost core, remainder probable chips of boulders.

107-185 Dark green, medium fine grained andesite or older gabbro.
Rock characterized by many stringers, quartz and light pink carbonate.

120- Slip
166.5 -6" Weak shearing with quartz, carbonate and disseminated sulphides.

185 Light lavender, medium grained aplite dyke.

199-299 Medium fine grained massive dark green andesite or older gabbro,
at 299 Strong slip.

299-397 Medium grained older gabbro.
299-315 Irregularly altered, chloritized, silicified.
Scattered sulphides. Threads of pink carbonate.
340 - Lavender coloured feldspar.
348-352 Bleached, scattered fine sulphides.
363 Slip.

397 END OF HOLE.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.56-45W**

COMMENCÉ LE
DATE BEGUN _____

LAT. **1784.99** DEP. **1976.13**

ANGLE **70-00**

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR **4994.00**

PROFONDEUR TOTALE
TOTAL DEPTH **204 ft.**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0.0	48	Casing						
4	74	Highly altered diorite, light lavender in colour. Cut by irregular threads of quartz and carbonates, A little scattered fine sulphides.	2293	48	50	2	0.02	
			2294	52	54	2	Tr	
			2295	52	54	2	.01	
			2296	54	56	2	nil	
			2297	56	58	2	nil	
			2298	58	60	2	nil	
		54 - Oxidized slip	2299	60	62	2	nil	
		57 - Do.	2300	64	66	2	nil	
		62-63- Lost core.	2301	66	68	2	.01	
		64-64.2 - Considerable fine sulphides.	2302	68	70	2	Tr	
			2303	70	72	2	nil	
			2304	72	74	2	nil	
			2305	74	76	2	nil	
74	159	Grey medium grained diorite. Becoming coarse-grained about 100 ft. cut by threads of quartz and carbonate.	2306	Casing	Core		nil	
			2354	153.6	155.6	2	Tr	
			2355	155.6	157.6	2	Tr	
			2356	157.6	159.6	2	Tr	
		80 - Oxidized slip.	2357	159.6	161.6	2	Tr	
		82 - Oxidized slip.	2358	161.6	163.6	2	nil	
		87.5 - Slip with 4" carbonate.	2359	163.6	167.6	2	Tr	
		125.2-126- Albitized and well mineralized.	2360	167.6	169.6	2	Tr	
		134-135-Weakly altered along parallel quartz carb. threads.						
		153 - Oxidized slip.	2361	167.6	169.6	2	0.03	.020
		157.5- 159 - Fault.	2362	169.6	171.6	2	0.01	4.0
159	167	Well altered and mineralized diorite.	2363	171.6	173.6	2	Tr.	
167	187	Weakly altered diorite, medium grained.	2364	173.6	175.6	2	.02	
		184-187 -Fairly well min.	2365	175.6	177.6	2	.02	
187		Strong slip.	2366	177.6	179.6	2	.10	.070
187	204	Chloritized medium grained diorite.	2367	179.6	181.6	2	.04	4.0
	204	END OF HOLE						

Hole # 51 June 1939.

H.M.B. and B.S.W.B.

- 48 Casing.

48 - 97

Medium coarse grained older gabbro. Dark grey, faint lavender, locally.
48-69 - Irregularly altered, disseminated, fine sulphides. Some carbonate.

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. 111-6
HOLE No. 52FEUILLE No. 1
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLARORIENTATION S 56° 45' W
BEARINGCOMMENCÉ LE July 23, 1939
DATE BEGUN

LAT. 1821.7 DEP. 2092.8

ANGLE collar 386' 70
64 30'TERMINÉ LE Aug. 1, 1939
DATE FINISHEDÉLEVATION, ORIFICE 4994.0'
ELEVATION, COLLARPROFONDEUR TOTALE 386 ft.
TOTAL DEPTHJOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	68	Casing	2307	92	94	2	Tr
(95	Medium fine grained green diorite.	2308	94	96	2	.01
		96.5 - 97.5 - Lost core - oxidized slip ?	2309	99	101	2	Tr
			2310	108.6	110.6	2	.03
95	111	Shear zone or tuff bed cleavage at 20°, weakly carbonated - 2 ft. lost core.	2311	128	130	2	nil
		110- 111 - Oxidized	2312	141.6	143.6	2	nil
			2313	256	158	2	.01
111	120	Medium grained diorite.	2314	188	190	2	nil
120	130	Lost core - probably shear zone.	2315	194	196	2	nil
			2316	212	214	2	nil
130	215.5	Medium grained (faintly purple) diorite, 150 - 152 0 Weak alteration.	2317	221	223	2	.43
		180 - 181.8 Lost core.	2318	224	226	2	.04
			2319	228	230	2	nil
			2320	242	243	1	.04
215.5	221	Oxidized fault 2' lost core	2321	283	285	2	Tr
			2322	190	192	2	Tr
221	225	Weak ore zone with a little sulphides at 230, 242- 243, sheared & chloritized.	2323	192	194	2	Tr
			2324	196	198	2	nil
			2325	298	200	2	nil
255	260	Sheared, fine grained diorite.	2326	200	202	2	nil
			2327	202	204	2	nil
260	386	Coarse grained acid diorite (phase of faintly purple) much pinkish feldspar, rock probably silicified, scattered quartz stringers and a little sulphides.	2328	204	206	2	nil
		377 - 6" quartz carbonates and chlorite.	2329	206	208	2	nil
			2330	208	210	2	nil
			2331	210	212	2	.01
			2332	214	216	2	Tr
			2333	216	217.6	1.6	.01
			2334	226	228	2	Tr
			2335	230	232	2	Tr
			2336	232	234	2	.01
			2337	234	236	2	.01
			2338	218.6	220.6	2	.03
	386	END OF HOLE.					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY _____

111-6
TROU No. **52**
HOLE No. _____
FEUILLE No. **2**
SHEET No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
			2339	236	238	2	nil
			2340	238	240	2	nil
			2341	240	242	2	nil
			2342	243	245	2	nil
			2343	245	247	2	nil
			2344	247	247	2	nil
			2345	249	251	2	nil
			2346	251	253	2	nil
			2347	253	255	2	nil
			2348	255	257	2	nil
			2349	257	257	2	nil
			2350	259	261	2	.02
			2351	308	309	1	.12
			2352	324	325	1	.04

Hole # 52 June 1939.
H.M.B? and B?S?W?B.

43.5 Casing
43.5 - 96.5 Older gabbro. Irregular texture, medium fine to coarse grained, shattered. Cut by irregular quartz and white carbonate stringers, Pseudo -porphyritic from 74-96.5.
96.5 - 108.5 Shear zone. (Possible tuff) Shearing at 25°.
108.5-216 Medium grained, uneven texture, older gabbro.
120 - 128 - Lost core.
128 - 130 - Weak shear at 45°
158- "2 white quartz.
180.5 - 181.5 Lost core.
192 - 210 Somewhat chloritized. Scattered fine sulphides.

216 -222 Considerable lost core, chips of highly oxidized rock, probably open fault.
222-224 Scattered fine sulphides.
222-258 Medium coarse grained older gabbro, altered.
224.5 -225.5 Small chips of core, 60% lost. Possible fault.
228-258 Lavender alteration.
248-258 Oxidized.

258-261 Shear zone, fine grained possible fault.
261-386 Grey uneven grained generally coarse older gabbro, probably weakly silicified throughout
Irregular fine sulphide disseminations.
315.5 3" quartz and carbonate.
325.5 Ditto.
351.5 4" Ditto @ 45°
359 1/2" quartz. Stringer with coarse pyrite.
376.7 8" quartz and chlorite and carbonate.

386 END OF HOLE.

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. **53**
 HOLE No. _____
 FEUILLE No. **1**
 SHEET No. _____
 SECTION _____

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION BEARING **S.56-45 W**

COMMENCÉ LE
 DATE BEGUN _____

LAT. **1903.02** DEP. **1881.27**

ANGLE **46.00**

TERMINÉ LE
 DATE FINISHED _____

ELEVATION, ORIFICE
 ELEVATION, COLLAR **4993.11'**

PROFONDEUR TOTALE
 TOTAL DEPTH **217.5 Ft.**

JOURNAL PAR
 LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	77	Casing.					
77	80	Chloritized medium-grained diorite, with threads of quartz and carbonate.	2369	78.3	80.3	2.0	Tr.
80	82	Similar to above but with 60% quartz,	2370	80.3	82.9	2.6	0.01
82	86	Completely silicified, Light pink.	2371	82.9	85.3	2.4	0.02
86	94	Very coarse grained grey diorite.	2372	85.3	87.9	2.6	0.03
94	94	Contact sharp.	2373	135	137	210	Nil
94	134.6	Fine grained diorite. White at 127, becomes medium even-grained.	2374	137	139	2	nil
134.6	135.5	Fine grained diorite dyke.	2375	139.6	142	2.4	Tr
135.5	135.5	Oxidized shear.	2376	142	144.5	2.6	nil
135.5	138.7	Emerald green schist with thite quartz and 6" light brown mineralized alteration.					
138.7	139.6	Dark green coarse grained diorite.					
139.6	141.8	Light brown well mineralized alteration.					
141.8	143	Weakly silicified chloritized diorite.					
14	217.5	Medium fine even-grained diorite cut by a few scattered threads of quartz and carbonate.					
	217.5	END OF HOLE					

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
217 5 24	240 372	Diorite fine grained with slight alteration. Slightly chloritized. 260-280 leucoxene, 267-268, quartz carbonate vein, 40° to core. 326-330 silicified & slightly bleached with streaky fine pyrite, 40° to core. 369-372-slightly silicified with very little pyrite . Fairly well silicified & bleached in streaks some rusty carbonate quartz 60° and with fine pyrite. 375-380-Well sheared 40° to core heavily carbonatized soft, almost barren first foot rusty. 380-382-very rusty crushed schist with some quartz with a little fine pyrite. 382-387.5-carbonatized & poorly bleached, almost barren. 387.5-392.5-rusty oxidized schist 40° to core with fault 388-390-. 392.5 - 394 fusty schist with quartz & a little fine pyrite. 394-395- Lost core. 395-400- carbonatized schist cut by fine quartz almost barren. 400-402.5 - same with 1" qtz. tourmaline stringers, scattered coarse pyrite.					
372 Altered	402.5 zone.	Diorite fine grained, chloritized. Medium to coarse grained diorite hornblendes in bladed crystals. 495-530-finer grained. 530-555 light color. 570-583- same.					
402.5 421	421 583	583 END OF S53					

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. 111-6
HOLE No. **54**

FEUILLE No. 1
SHEET No. **1**

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **1981.27** DEP. **1819.80**

ELEVATION, ORIFICE **1996.87'**
ELEVATION, COLLAR

ORIENTATION
BEARING **S.56-45 W.**

ANGLE **0-48.30**
207 - 50.00

PROFONDEUR TOTALE
TOTAL DEPTH **207 ft.**

COMMENCÉ LE
DATE BEGUN _____

TERMINÉ LE
DATE FINISHED _____

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	10	Casing.	2377	13	15.6	2.6	Tr
10	13.5	Highly altered light greyish green.-a very little fine emerald green mica and stringers of white quartz. A little sulphides.	2378	24	26.6	2.6	Tr
			2379	34.6	37	2.4	.06
			2380	37.6	40	2.4	.01
			2381	40	42.6	2.6	.05
			2382	48	51.4	3.3	.02
13.5	71.5	Bleached medium grained diorite, carbonated and silicified with threads of quartz & carb. A little local sulphides.	2383	62	64.6	2.6	.01
			2384	64.6	67	2.4	Tr.
			2385	67	69.6	2.6	Tr
		62-63 - Pink calcite and quartz.	2386	69.6	72	2.4	Tr
		65.5 - Oxidized slip.	2387	72	74.6	2.6	Tr
			2388	74.6	77	2.4	Tr
			2389	77	79.6	2.6	.04
71.5	85	Emeral green quartz carbonate schist.	2390	79	82	2.4	Tr
	85	Oxidized slip.	2391	82	84.6	2.6	.03
85	86	Fine-grained diorite.	2392	84.6	87	2.4	.01
			2393	80.6	82	1.4	.02
86	92	Weakly sheared and altered medium grained diorite.	2394	82	84.6	2.6	Tr
	92	91.5-92 - Strong slip with quartz and carbonate.	2395	69.6	72	2.4	nil
92	101.5	Fine grained diorite or andesite.	2396	72	74.6	2.6	nil
101.5	124	Medium grained diorite which is weakly altered from 116 to 124.	2397	Casing	core	3.0	Tr
		118 - Strong slip with 1" quartz and carbonate.					

7.4
7.6

TERRAIN **Senator Bouyn Ltd.**
PROPERTY _____

TROU No. **54**¹¹¹⁻⁶
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **2**
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
124	144.5	Light green fine grained andesite. 131 - 134 - Numerous slips.					
144.5	151	Medium-grained diorite.					
151	207	Fine grained diorite becoming medium-grained at 160 and coarse grained at 170. 151 - 156 - Numerous slips. 169 - Oxidized slip. 169.8 - 170.5 - White quartz and grey carbonate. 172 - 173.5 - 40% white quartz in bleached diorite. 188- 193 - Parallel slip with ½" quartz. 194-198 - Light buff. Altered diorite, with threads of quartz and scattered coarse pyrite.					
	207	END OF HOLE.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S. 42-41 W**
0 -53 - 360 -53.00
ANGLE **175-52.30**

COMMENCÉ LE **Feb. 6, 1940**
DATE BEGUN

LAT. **2182.20** DEP. **1971.70**

TERMINÉ LE **Feb. 25, 1940**
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE **400 ft.**
TOTAL DEPTH

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0.7	45	Casing.						
45	115	Coarse somewhat uneven-grained diorite. 53 - 54.5 - Core broken up. 59.5 - Slip, weak shear. 63.5 - $\frac{1}{2}$ " alteration. 68 - $\frac{1}{2}$ " alteration 76.5 - $\frac{1}{2}$ " alteration with a little shearing. 88.5-89.5- Quartz calcite breccia. 96 - Strong slip. 100-101.5 - Weak shear. 102.5-106 - Fine grained diorite dyke.						
115	165.5	Very coarse grained green diorite. Prominent ferromagnesiums. 130 - slip. 150 - Rock gradually becomes fine-grained to 165.5. 160 - 165.5 - Weakly sheared and chloritized.						
165.5		Oxidized slip	1205 1206 1207	165.5 168 171	168 171 175	2.5 3 4	Tr .01 .04	.02
165.5	175	<u>Ore Zone.</u> Well altered light cream. A little scattered fuchsite, very little sulphides.						9.5
175	214.5	Fine grained andesite cut by scattered stringers of quartz and carboante. 185.5- 187 - Medium grained diorite. 192-193- Carbonate stringers with a little sulphide.	1208	191.5	194	2.5	.06	

TERRAIN SENATOR ROUYN LTD.
PROPERTY _____

TROU No. ¹¹¹⁻⁶
HOLE No. 55

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. _____
SHEET No. 2

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
	214.5	Contact sharp.					
214.5	240	Medium coarse even-grained green diorite. 229.5 - 230.5 - Epidote alteration.					
240	270	Weak, becomes medium fine-grained. 260.5 - 3" white quartz.					
270	280	Coarse-grained diorite.					
280	400	Medium fine-grained diorite gradually becoming medium grained about 305 ft. 283 - 2" quartz & carbonate stringers. 345 - Slip with adjacent alterations over 1 foot. A little sulphides. 356.3 - 1" quartz.	906	281.6	283	1.4	0.06
	400	END OF HOLE.	1209	345	346.2	1.2	0.02

TERRAIN SENATOR ROUYN LTD.
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. 56¹¹⁻⁶
HOLE No.

FEUILLE No. 1
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. 2321.00 DEP 1895.60

ELEVATION, ORIFICE 4988.21'
ELEVATION, COLLAR

ORIENTATION S.42-41 W
BEARING

0-51
ANGLE 293' - 53

PROFONDEUR TOTALE 293.5 ft.
TOTAL DEPTH

COMMENCÉ LE Feb. 25, 1940
DATE BEGUN

TERMINÉ LE Feb. 27, 1940
DATE FINISHED

JOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	72.5	Casing.					
7 5	97	Medium coarse even-grained grey diorite. 76.0 - Slip					
97	105	Fault zone - 3 ft. lost core.					
105	189	Sheared (at 15° to 30°) coarse-grained diorite. 115-116 - Fault at 25°. 120-122 - Weakly carbonated and oxidized. 122-126 - Fine-grained diorite. 132- - Shearing at 15°. 135-150 - Numerous stringers & knots of carbonate. 186-187.5 - Scattered stringers red calcite.					
	189	Oxidized slip	1399	189	193	4'	.01
189	205	Fine grained diorite locally sheared at 50°. Numerous stringers of carbonate. A little local weak alteration	1400	193	197	4	.02
		194-195- 60% carbonate in sheared diorite.	1201	197	202.5	5.5'	.04
		202.5-204 - Calcite breccia.	1202	202.5	205	2.5'	.01
			1203	205	209	4.0'	.04
205	212	<u>Ore zone.</u> Fairly strong alterations. A little fuchsite. 208-212- Coarse-grained altered diorite.	1204	209	212	3.0'	.02
	212	Slip					
212	236	Medium even grained massive green diorite.					
	236	Gradational.					
236	251	Medium fine-grained massive diorite.					
		250 - 3" white quartz.					
251	293	Medium coarse-massive even-grained diorite.					
	293	END OF HOLE.					

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

TROU No. **57** ¹¹¹⁻⁶
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **1**
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S.56-00 W**

COMMENCÉ LE
DATE BEGUN **Feb. 27, 1940**

LAT. **1765.40** DEP. **2190.40**

ANGLE **0-52.00**
105-54.30

TERMINÉ LE
DATE FINISHED **Mar. 8, 1940**

ELÉVATION, ORIFICE
ELEVATION, COLLAR **4989.48**

PROFONDEUR TOTALE
TOTAL DEPTH **245 ft.**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	68	Casing.					
68	90	Medium coarse-grained light grey diorite, scattered threads of quartz and carbonate.					
90	140	Uneven-grained mixed medium coarse and fine-grained diorite. 90 - Oxidized slip. 93-95- Weakly bleached. 98 - Fault. 103 - Slip. 109 - 2" bleached with coarse sulphides. 115 - Slip. 120-140 - Numerous slips at 30 to 45°.					
140	162	Medium coarse-grained light grey diorite.	1001	164.8	166.4	1.6	Tr
162	168	Coarse-grained weakly sheared diorite.	1002	166.4	171.4	5.0	Tr
168	171	Sheared and oxidized coarse-grained diorite.	1003	171.4	176.4	5.0	Tr.
171	180.7	Well altered coarse-grained diorite. Reddish alteration with a few threads quartz and carbonate. No sulphides.	1004	176.4	180.8	4.4	Tr
180.7	185.4	Fine grained dark green diorite dyke.	1005	180.8	185.4	4.6	.01
185.4	212.5	Light grey coarse-grained feldspathic diorite.	1006	185.4	190	4.6	Tr
		188-189 - Lost core.	1007	190	195	5	Tr
			1008	195	197	2	Tr
			1140	197	199	2.5	.02
			1141	199.5	202	2.5	.03
			1142	202	204.5	2.5	Tr

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

TROU No. **157**
HOLE No.
FEUILLE No. **2**
SHEET No.
SECTION

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
212.5	218.5	Bleached diorite with fair scattered sulphides,	1143	204.5	207	2.5	.01
			1144	207	209.5	2.5	Tr
			1145	209.5	212.6	3.1	.02
			1109	212.6	214.5	1.9	.01
218.5	245	Very coarse-grained feldspathic diorite.	1010	214.5	217	2.5	.02
			1011	217	219.5	2.5	.01
			1012	219.5	222	2.5	.01
	245	END OF HOLE.	1013	222	224.5	2.5	Tr
			1014	224.5	227	2.5	.02
			1015	227	229.5	2.5	.02
			1016	229.5	232	2.5	Tr
			1017	232	234.7	2.7	.04
			1018	234.7	237	2.3	Tr
			1019	86.9	88	1.1	.01

TERRAIN SENATOR ROUYN LTD.
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. 58¹¹¹⁻⁶
HOLE No. _____

FEUILLE No. 1
SHEET No. _____

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 1706.80 DEP. 2245.50
ELEVATION, ORIFICE 4994.06'
ELEVATION, COLLAR _____

ORIENTATION S.47-05 W.
BEARING
ANGLE 0-52.00
PROFONDEUR TOTALE 294 ft.
TOTAL DEPTH _____

COMMENCÉ LE March 8, 1940
DATE BEGUN
TERMINÉ LE March 11, 1940
DATE FINISHED
JOURNAL PAR D.S.W.B.
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.	28	Casing					
28	68	Coarse grained grey diorite. 53 - Strong slip					
68	145	Medium even-grained grey diorite. Gradually becoming medium coarse-grained at 120 ft.	904	78.6	81.6	3.0	.03
		78.5-80.5- Weakly altered with scattered sulphides adjacent to quartz stringers.	905	81.6	83.2	1.6	.04
		81.5 - 3" White quartz.	903	113.4	115.5	2.1	Tr
			902	117.2	119.6	2.4	Tr
			1050	161	164.5	3.5	.02
		88.5 - Oxidized slip with 1" carbonate.					
		113.5-115- Weakly bleached.					
		118.0 - 2" quartz and adjacent alterations.					
14.	190.5	Coarse-grained light grey feldspathic diorite.	901	167.6	168.9	1.3	Tr
		161-164.5 - 50% white quartz and carbonate, scattered sulphides.	1030	187.5	190	2.5	Tr
		168 - 6" alterations with fair sulphides.					
		187.5-190.5-Chloritized.					

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. **58**¹¹⁻⁶
HOLE No. _____

FEUILLE No. **2**
SHEET No. _____

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
19	5	194	Strongly sheared at right angles- quartz chlorite schist with a little fuchsite.	1031	190	192.5	2.5	Tr
				1032	192.5	195	2.5	Tr
				1033	195	198.9	3.9	.04
		193-194	white quartz.					
194		199	Medium-grained weakly altered diorite.	1034	198.9	203.8	4.9	.03
			195 - 3" white quartz.					
			197 - 6" white quartz with some sulphides.					
			198-199 - White quartz.					
199		253.5	Coarse-grained light grey feldspathic diorite.	1035	203.8	207.1	3.3	.04
			199-199.5- Scattered sulphides.	1036	207.1	209.8	2.7	.03
			204-207 - Well altered and mineralized with scattered stringers of white quartz.					
			207-207.5- Fault with pink calcite.					
253.5		294	Coarse even-grained fairly feldspathic diorite.					
		294	END OF HOLE.					

TERRAIN SENATOR ROUYN LTD.
PROPERTY _____

TROU No. 59 ¹¹¹⁻⁶
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION S. 51° - 30W.
BEARING

COMMENCÉ LE March 12, 1940
DATE BEGUN

LAT. 2628.32 DEP. 1286.87

ANGLE Collar: 60°; 94° - 57°

TERMINÉ LE March 13, 1940
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE 94 ft.
TOTAL DEPTH

JOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.. 19	19 40	Casing. Irregularly bleached, Coarse grained diorite. Numerous threads of quartz and carbonate.	1037 1038 1039 1040 1041 1042	19.2 21.7 24.2 26.7 29.2 31.7	21.7 24.2 26.7 29.2 31.7 34.2	2.5 2.5 2.5 2.5 2.5 2.5	Tr Tr Tr Tr .01 .01
40	45	Highly altered with considerable white quartz and carbonate and a little mauve quartz, 42-43- Strongly oxidized, 6" lost. 44-45- Strongly sheared, (quartz chlorite schist)	1043 1044 1045 1046	34.2 36.7 39.2 40.4	36.7 39.2 40.4 41.8	2.5 2.5 1.2 1.4	Tr .01 .01 Tr
45	50.5	Coarse grained diorite locally altered adjacent to quartz stringers with a little sulphides.	1047 1048 1049	41.8 45.1 47.3	45.1 47.3 50.1	3.3 2.2 2.8	.04 .06 .08
50.5	94	Medium fine even-grained diorite. 75 - 75.5- Silicified and epidotized.					
	94	END OF HOLE.					

TERRAIN SENATOR ROUYN LTD.
PROPERTY

6011-6

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. _____
HOLE No. _____
FEUILLE No. 1
SHEET No. _____

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION S. 64°-02 W
BEARING

COMMENCÉ LE March 14, 1940
DATE BEGUN

LAT. 2671.77 DEP. 1376.73

ANGLE Collar: 60° 197'-60°

TERMINÉ LE March 16, 1940
DATE FINISHED

ELEVATION, ORIFICE 4994.0'
ELEVATION, COLLAR

PROFONDEUR TOTALE 197 ft.
TOTAL DEPTH

JOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	34	Casing.					
3	78.7	Medium to coarse uneven-grained diorite. 40 - slip. 42 - slip. 50.5 - 6" white quartz,	918 917	50.2 78.6	51.2 80.7	1.0 2.1	.02 Tr
88.7	79.4	Oxidized slip.					
79.4	03.5	Coarse-grained speckled diorite. 90.7 - Oxidized slip.					
93.5	98.5	Medium fine even-grained diorite.					
98.5	107	Coarse-grained weakly sheared feldspathic diorite.	907 908 909	105 108.2 110.7	108.2 110.7 113.2	3.1 2.5 2.5	Tr Tr .01
107	108.5	Fine-grained sheared diorite.	910 911	113.2 115.5	115.5 117.4	2.3 1.9	.08 .10
105	115.5	Sheared and altered diorite with scattered stringers of quartz and carbonate.	912 913 914	117.4 120 122.5	120 122.5 125	2.6 2.5 2.5	Tr .06 .04
115.5	116.7	Quartz carbonate schist with fuchsite.	915 916	125 126.1	126.1 128.9	1.1 2.8	.03 .04
116.7	126.5	Fairly strongly altered, silicified and carbonated. Very little sulphides. 122 - Strong slip.					
126.5	128	Light green chlorite schist.					
128	131	Coarse grained light grey diorite.					
131	134	Fine grained diorite dyke. 133.5 - 6" white quartz.					
134	162.5	Medium coarse-grained grey diorite.					

TERRAIN SENATOR ROUYN LTD.
PROPERTY _____

TROU No. 111-6
HOLE No. 60

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. 2
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
162.5	197	Medium fine even-grained diorite, which about 179' becomes medium coarse grained with patches of coarsely crystalline feldspars.					
	197	END OF HOLE.					

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

TROU No. 111-6
HOLE No. 61

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLARORIENTATION S. 64-03W.
BEARINGCOMMENCÉ LE March 16, 1940
DATE BEGUN

LAT. 2915.05 DEP. 1309.70

ANGLE Collier: 63°; 200' - 61°

TERMINÉ LE March 20, 1940
DATE FINISHEDÉLEVATION, ORIFICE 4986.0'
ELEVATION, COLLARPROFONDEUR TOTALE 276 Ft.
TOTAL DEPTHJOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	80	Casing.					
8r	109	Medium even-grained green diorite.					
107	110	Sheared fine-grained diorite at 40°.					
110	219.5	Medium coarse even-grained diorite. Numerous ferromagnesian Becomes coarse-grained about 130' and then medium-grained about 197'.	896	200.2	202.7	2.5	Tr.
			897	202.7	205.2	2.5	Tr.
			898	205.2	206.5	1.3	.01
			899	206.5	208.5	2.0	.01
		204 - 2" white quartz	900	208.5	211	2.5	.02
		205.5 - 2" white quartz.	801	211	213.5	2.5	.02
		214.5-219.5- Bleached reddish.	802	213.5	216	2.5	.02
		216 - 1" white quartz.	803	216	219.5	3.5	.01
		216.7-218- Well altered and mineralized adjacent to a 2" stringer white quartz.	804	219.5	223.5	4.0	.02
219.5	223.5	Well sheared quartz chlorite schist. 1.6' lost core.	805	223.5	226	2.5	.10
			806	226	228.5	2.5	.08
			807	228.5	231.7	3.2	.12
227.5	236	Fairly strongly altered sheared diorite with some scattered sulphides.	808	231.7	234	2.3	.14
		227-228- a little fuchsite.	809	234	235.7	1.7	.02
			810	235.7	239.1	3.4	.04
			811	239.1	240.5	1.4	.02
236	238	Coarse chlorite schist.					
238	239	Coarse chlorite schist with fuchsite.					
239	246	Medium even-grained diorite.					
		240 - 6" white quartz.					
276		END OF HOLE.					

TERRAIN SENATOR ROUYN LTD.
PROPERTY

TROU No. ¹¹¹⁻⁶ 62
HOLE No.
FEUILLE No. 1
SHEET No.
SECTION

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING S. 51° 17' W.

COMMENCÉ LE
DATE BEGUN March 21, 1940

LAT 3156.00 DEP 1097.00

ANGLE Collar: 60°; 275-55° 30'

TERMINÉ LE
DATE FINISHED March 25, 1940

ELEVATION, ORIFICE
ELEVATION, COLLAR 4988.0'

PROFONDEUR TOTALE
TOTAL DEPTH 325 ft.

JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	87	Casing.					
87	110	Coarse-grained sausseritized diorite.					
110	160.5	Medium even-grained diorite. (slightly porphyritic).	812	198.1	200	1.9	Tr.
160.5	229	Coarse even-grained dark grey diorite, gradually becoming medium fine-grained about 193.	813	224.1	226.6	2.5	Tr
			814	226.6	228.8	2.2	Tr
			815	228.8	231.5	2.7	.01
		198-199.5 - 60% quartz and carbonate with a little sulphides.					
		219-229 - Scattered stringers quartz and carbonate.					
229	231.5	Quartz carbonate schist with a little fuchsite.					
231.5	288	Medium-grained diorite with threads and stringers of quartz and carbonate to 250'. Locally a little disseminated sulphides.	816	231.5	234.5	3.0	nil
			817	234.5	237.8	3.3	nil
			818	237.9	241.7	3.8	.01
			819	241.7	244.6	2.9	Tr
			820	244.6	247.3	2.7	.01
			821	247.3	251.5	4.2	Tr
			822	258.7	261.8	3.1	.02
288	315.5	Medium coarse even-grained dark grey diorite (Ferromagnesian)					
315.5	325	Medium fine even-grained diorite, probably phase of above.					
	325	END OF HOLE.					

TERRAIN SENATOR ROUYN LTD.
PROPERTY _____

TROU No. 11-6
HOLE No. S.63

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. 1
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION S. 26° 50' W
BEARING 79° / 200-75°

COMMENCÉ LE Aug. 20, 1941
DATE BEGUN _____

LAT. 3156.77 DEP. 1097.46

ANGLE 400-69°30'

TERMINÉ LE Aug. 25, 1941
DATE FINISHED _____

ELEVATION, ORIFICE 4989.56
ELEVATION, COLLAR _____

PROFONDEUR TOTALE 441'
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	84	Casing	2568	258	259.7	1.7	Tr
84	91	Very coarse, irregularly grained, saussuritized diorite.	2569	259.7	261.4	1.7	Tr
91	101	Fine grained andesite dyke.	2570	261.4	262.5	1.1	Tr
101	103.7	Lost core.	2571	359.7	369.8	10.1	Tr
103.7	230	Very coarse, irregularly grained, sausseritized to 124.0' where it becomes medium coarse, even grained, hard diorite. 218.5-220 - Weakly sheared, albitized, possibly a fine grained andesite dyke. 218.5 Possible slip.					
230	260	Medium, fine grained diorite, shot with threads of quartz with adjacent albitization. 234-235 - Oxidized 237- Slip 1" oxidation 242-243- Oxidized. 244- Slip, oxidized. 247 Slip, oxidized.					
260	262.5	Ore zone: Weakly sheared at 45°. Ore zone is weak, alteration largely restricted to 261.5-262.5'. This latter section carries a little green mica.					
262.5	347.7	Medium even grained diorite shot with threads of quartz with adjacent albitization. This type of alteration fades out around 320.0'. 334.5-337.5 - Fine grained, sheared, andesite dyke. 340 - Strong slip at 35°.					

TERRAIN SENIOR ROUYN LTD.
PROPERTY _____

TROU No. 111-6
HOLE No. S.63

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. _____
SHEET No. 2

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
347	353	Fine grained, faintly purple feldspar porphyry dyke.					
353	356	Chloritized diorite.					
356	370	Strong fault zone: 356-359.5 Lost core. 359.5-369.5 - Chips and small fragments of highly amygdaloidal andesite.					
370	372	Amygdaloidal andesite.					
372	399	Coarse, very irregular grained feldspathic diorite. 394 - 3" silicification.					
399	400	Lost core.					
400	441	Coarse, even-grained, dark grey diorite.					
	441	END OF HOLE.					

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
TROU No. S 64
HOLE No.FEUILLE No. 1
SHEET No.

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLARLAT. 3265.73 DEP. 930.52ELÉVATION, ORIFICE 4990.61
ELEVATION, COLLARORIENTATION S.35° 30' W.
BEARING ") 200-52ANGLE 320-47°PROFONDEUR TOTALE
TOTAL DEPTH _____COMMENCÉ LE Aug. 26, 1941
DATE BEGUNTERMINÉ LE Sept. 1, 1941
DATE FINISHEDJOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	114	Casing.	2572	187	189	2.0	.06
3.4	115	Bleached and altered.	2573	191.3	192.2	0.9	.03
129	129	Grey medium even-grained diorite.	2574	192.2	195.2	3.0	.02
129	187	Locally porphoritic: purple in color: locally grey and non-porphyritic.	2575	195.2	196.4	1.2	Tr.
		140.8-144 Lost core.	2576	220	221	1.0	Tr.
		146-146.5 " "	2577	221	222.9	1.9	.01
		147.9-149.2 " "	2578	222.9	224.9	2.0	Tr.
		150-151 " "	2579	224.9	227.6	2.7	Tr.
		151.5-154 " "	2580	227.6	230.8	3.2	Tr.
		162.8-165.2 " "	2581	230.8	232.9	2.1	Tr.
		165.2-167 " "					
		182.8-185 " "					
		185.8-187 " "					
187	196	Ore zone:					
		187-189 Well altered, some fuchsite.					
		189-191.3 Lost core.					
		191.3-192 Coarse grained, grey, bleached diorite.					
		192-196 - Strongly bleached & locally well altered diorite: scant sulphides.					
196	248	Fine grained diorite, cut by threads of quartz, with adjacent albitization. This section might be an andesite flow. inclusion.					
		196.1-197.2- Weakly sheared diorite.					
		197.2-198- Lost core.					
		221-223 - Ore zone (?) Light purple, irregular silicification a little fine sulphides.					
		225-227.5-Numerous stringers of quartz & carbonates.					
		230.7-233- A little irregular light purple silicification.					
		235.4 - 1" quartz, probable slip.					
248	294.2	Medium fine, even grained dark green diorite.					
294.2	325	Grey, fine grained, acid andesite or rhyolite: probably pillowed.					
	325	END OF HOLE.					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
TROU No. **S 65**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **3267.55** DEP. **931.66**

ELEVATION, ORIFICE **4989.11'**
ELEVATION, COLLAR

ORIENTATIONS **S 35°30' W**
BEARING
Collar: **79°00 -200-78**
415-78

ANGLE
PROFONDEUR TOTALE **425'**
TOTAL DEPTH

COMMENCÉ LE **Sept. 2, 1941**
DATE BEGUN

TERMINÉ LE **Sept. 8, 1941**
DATE FINISHED

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	73	Casing,	3051	224	226	2	.01
7	74	Medium grained diorite.	3052	226	228.7	2.7	Tr
7	79	Dark brownish, medium even grained porphyry.	3053	228.7	230.5	1.8	.04
79	152	Medium coarse, even grained, hard greenish diorite.	3054	230.5	232	1.5	Tr
		111-125-Rock weakly sheared, numerous quartz stringers	3055	248.3	249.4	1.1	.01
		very oblique to the core: little scattered sulphid:	3056	257	260	3	.02
		eg: 111.5, 113, 114, 114.5, 116.5, 118.5, 123.5, 124.5.	3057	260	263	3	Tr
152	173	Medium uneven grained, local fine grained sections.	3058	263	266.5	3.5	Tr
173	191	Pillowed, amygdaloidal, acid andesite or rhyolite.	3059	266.5	269.3	2.8	Tr
191	257.5	Medium, fine grained, somewhat uneven grained diorite.	3060	288	290.7	2.7	.01
		204.5-205.5 - Irregular stringers of quartz and carbonate	3061	290.7	292.3	1.6	.01
		with some fine sulphides.	3062	297.3	299.4	2.1	Tr.
		224-229.5- Locally well albitized, some epidote.	3063	393.2	396	2.8	Tr
		229.5 - Strong slip.	3064	396	399.6	3.6	Tr
		229.5-230.5- Wellaltered quartz & carbonate with a little					
		fine sulphides.	3174	110.5	112.1	1.6	Tr.
		230.5-257.5- Weakly sheared, locally strong bleached	3175	112.1	116.5	4.4	Tr.
		adjacent to quartz stringers.	3176	116.5	120	3.5	Tr
		248.5-249.5- Well altered, sheared at 40°, a very little	3192	123.3	125	2.7	Tr
		fucsite.	3193	204.4	205.5	1.1	Tr.
257.5	269	Ore zone:					
		263-266.5 - Dark grey, medium grained locally weakly					
		bleached diorite.					
		266.5-269 - Highly altered, silicified, a little fine,					
		light green epidote.					

TERRAIN
PROPERTY SENATOR ROUYN LTD.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶
HOLE No. S. 65

FEUILLE No. 2
SHEET No. _____

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
269	301	Dark grey, medium, even grained, locally weakly silicified diorite, and shattered with fine sulphides along shatter planes.					
301	317	Fine grained, glassy, grey, rhyolite.					
317	322	Medium, fine grained diorite.					
322	330	Dark grey, glassy, hard rhyolite.					
330	369.5	Greenish-grey, medium, even grained diorite.					
369.5	378	Purplish-grey, medium grained feldspar porphyry.					
378	393	Dark grey, medium fine grained diorite.					
393	400	Strongly albitized, silicified, no mineral. Faint spherulitic structures, rock possibly an altered rhyolite.					
400	413	Grey pillowed, acid andesite or rhyolite: locally small black amydules (?).					
413	420	Medium, fine even grained diorite (?)					
	420	END OF HOLE.					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

TROU No. **8¹¹⁶⁶ 66**
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **1**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S 37°11' W**

COMMENCÉ LE **Sept. 10, 1941**
DATE BEGUN

LAT. **3379.58** DEP. **766.34**

ANGLE **0- 45- 200-43°30**
330-42°30

TERMINÉ LE **Sept. 13, 1941**
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR **4989.58**

PROFONDEUR TOTALE
TOTAL DEPTH **332'**

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	79	Casing.					
9	99	Pillowed, acid andesite or rhyolite.	3195	171.4	174.3	2.9	Tr.
99	116.5	Medium, even grained, dark grey diorite.	3194	202	204	2	Tr
116.5	202	Pillowed, acid andesite with black amydules.	3196	218.8	220.6	1.8	.01
		155- Strong slip.	3197	220.6	221.8	1.2	Tr.
		186- Strong slip.					
		178.5- Slip.					
		201-202- Lost core.					
202	204	Ore Zone. Sheared with knots fo carbonate. A very little green mica. No sulphides.					
204	220	Medium, fine grained greenish diorite.					
		213.5-214- Weakly sheared.					
		219-220 - Sheared, little scattered sulphides, knots of carbonate.					
220	259	Medium grained, highly amydaoidal andesite, amydules scattered like grains of wheat throughout rock.					
		221.5 -222 - Light purple silicifications.					
259	288	Medium, even grained, sago diorite.					
288	332	Fine grained pillowed andesite: local medium fine, even grained sections.					
		230- 2" white silicification.					
		231-232- white silicification or inclusion of white rhyolite.					
332		END OF HOLE.					

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION **Vertical hole**
BEARING

COMMENCÉ LE **Sept. 15, 1941**
DATE BEGUN

LAT. **3381.97** DEP. **768.15**

ANGLE **0-90°**
200-87° - 325-89° 30'

TERMINÉ LE **Sept. 19, 1941.**
DATE FINISHED

ÉLEVATION, ORIFICE
ELEVATION, COLLAR **4989.61**

PROFONDEUR TOTALE
TOTAL DEPTH **328'**

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	68	Casing.					
68	74	Medium, even grained diorite,	3198	413.9	316.8	1.9	Tr
74	83	Red feldspar porphyry, hard, massive, unaltered.	3199	316.8	318.7	1.9	.01
83	95	Medium, even grained, diorite.	3200	318.7	320.9	2.2	Tr
95	150	Pillowed acid andesite, local massive fine grained phases.	3201	320.9	323.6	2.7	.01
150	177	Medium, even grained, dark grey, hard diorite.					
177	184	Fine grained, greyish-purple feldspar porphyry.					
184	314	Acid andesite or rhyolite, pillowed, faintly spherulitic at 219.0' and 248.0'. Locally minutely brecciated, probably due to exfoliation along pillow rims. 244 - slip with 2" quartz. 235.5-236.5 - slips, possible fault. 283-284- Silicified. 284- Slip, parallel.					
14	323.5	Ore zone: Rock sheared and contacted, locally weakly oxidized, with narrow bands of sulphides at 317, 318, 319.7, and 321.					
	325.5	Strong fault.					
323.5	325.3	Fine grained, probable andesite.					
325.3	328	Porphyry dyke with feldspars epidotized.					
326	328	Fine grained acid andesite.					
	328	END OF HOLE.					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

III-6
TROU No. **S.68**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **1938.01** DEP. **2600.63**

ELÉVATION, ORIFICE
ELEVATION, COLLAR **5003.2'**

ORIENTATION
BEARING **S 35° 13' W**

Collar: **41° 30'**
ANGLE **200'45°**

PROFONDEUR TOTALE
TOTAL DEPTH **298'**

COMMENCÉ LE **Sept 30, 1941**
DATE BEGUN

TERMINÉ LE **Oct. 4, 1941**
DATE FINISHED

JOURNAL PAR
LOGGED BY **B.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	49	Casing.					
49	70	Core generally fine grained, broken by numerous slips at 45°.					
70	90	Very fine grained diorite, hard, brittle.					
90	197.5	Medium fine grained dark green diorite, 154-165-Core broken up by numerous slips. Probable fault zone. (Could this represent the ore zone shear ?)(However no characteristic alteration)					
197.5	202	Dark purplish red feldspar porphyry. Zoned phenocrysts of feldspar, with black cores. Good crystal outline.					
202	204	Lost core.					
204	298	Medium coarse even grained dark green diorite. Probable fault zone. 213-215- Chips of core. Some shearing and oxidation. 251-255- Fine grained andesite dyke					
298		END OF HOLE.					

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶ **S 68**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **1,938.01** DEP. **2,600.63**

ELEVATION, ORIFICE
ELEVATION, COLLAR **1938.01**

ORIENTATION S **35° 13'**
BEARING

Collar: **41° 30'**

ANGLE **200' 45°**

PROFONDEUR TOTALE
TOTAL DEPTH **298'**

COMMENCÉ LE **Sept. 30, 1941**
DATE BEGUN

TERMINÉ LE **Sept. 4th, 1941**
DATE FINISHED

JOURNAL PAR
LOGGED BY **M.M.R.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	49	Casing.					
4	98.5	Fairly fine, even grained, light grey diorite: occasional stringers of quartz & carbonate a few scattered sulphides. 49-80 - Weakly sheared. 49-75 - Local silicified sections: the rock approaching a rhyolite: eg. 51.2-52.5 and 65.5. 66.5 2" white quartz and carbonate at 80° 76.0 Possible slip. 84.5 " " 89.5 2" irregular quartz and carbonate. Some sulphides. 90.5-91-6" Ditto. 98.5 - Probable slip.					
98.5	197.5	Medium even grained, dark green, hard, relatively unaltered diorite: the rock gradually becomes coarse grained at about 160.0'. 104.7 1/2" quartz stringer at 55°. 135 Possible slip. 144 " " 155-166-The core is broken up and cut by several oxidized slips. Probable fault zone. 162-197.5-Occasional stringers & threads of quartz & carb. Locally some sulphides. 174.6 Oxidized slip. 174.6-177.7 - Fault zone similar to section 155-166. 179.5-180.5 - Brecciated: carbonate matrix. 181-182.5 - Fault zone, similar to above.					
191.5	202	Coarse grained, reddish feldspar porphyry dyke, phenocrysts up to 1/8" in diameter.					
202	203.7	Lost core.					
203.7	298	Medium to coarse, somewhat uneven grained, hard greenish grey diorite. Occasional stringers of quartz & carb. especially to 227'.					

TERRAIN SENATOR ROUYN LTD.
PROPERTY _____

TROU No. **S 68**
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. **2**
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		212.5 Possible slip.					
		213.5-215.5 - Core is sheared, broken up and locally weakly oxidized. Fault zone.					
		223.5-233.9 - White quartz and carbonate at 80°.					
		230.7-231.8- 1/2" white quartz stringer at 10°.					
		232.2-234.5- Quartz stringer, nearly parallel.					
		247 1/4" quartz at 90°. Adjacent weak bleaching and light olive green epidote.					
		251.8-254.8 - Fine grained andesite dyke.					
		264.5- 265- White quartz.					
		276 - Probable slip.					
		281 " "					
		297.5 3" white quartz.					
298		END OF HOLE.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. 2152.82 DEP. 2747.46

ELÉVATION, ORIFICE
ELEVATION, COLLAR 4996.4

ORIENTATION
BEARING S 34°30' W

Collar: 45°
ANGLE 200' 41° 30'

PROFONDEUR TOTALE
TOTAL DEPTH 301'

COMMENCÉ LE
DATE BEGUN Oct. 6, 1941

TERMINÉ LE
DATE FINISHED Oct. 9, 1941

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	46	Casing.					
46	57.5	Medium even grained diorite.					
57.5	75	Grey, uneven grained andesite: ropy textures. probably small pillows.					
75	147	Light grey medium even grained diorite.					
147		Abrupt change.					
147	196	Light purplish grey, fine irregular grained acid andesite, locally variolitic like textures. Probably pillowed. No amydules. Phases of it rhyolitic in appearance.					
195	248	Medium even grained, dark grey diorite.					
248	301	Ropy acid andesite, highly silicious in irregular patches throughout, which at 278' appears to grade into medium even grained andesite, resembling medium fine grained diorite. Might be the coarse grained base of the flow, or might even be intrusive diorite, with soaked contact.					
301		END OF HOLE.					

TERRAIN **SENATOR ROUYE LTD.**
PROPERTY

TROU No. **S 69**
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. **1**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION **S. 34° 30' W**
BEARING
Collar: **45°**
ANGLE **200' 41° 30'**

COMMENCÉ LE **Oct. 6, 1941**
DATE BEGUN

LAT. **2152.82** DEP. **2747.46**

TERMINÉ LE **Oct. 9, 1941**
DATE FINISHED

ELEVATION, ORIFICE **4996.4**
ELEVATION, COLLAR

PROFONDEUR TOTALE **301'**
TOTAL DEPTH

JOURNAL PAR **MMR**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0 1	46 301	Casing. Medium grained, hard grey diorite. 46-195 - Relatively unaltered. 108.3 Probable slip. 127 " " 145 - 200 - Varying degrees of purplish silicification; locally quite porcelain-like; eg. 189, 190.6'. 151 Probable slip. 172.5 " " 196 Slip. 210.5 " " 195-301- Diorite is cut by occasional stringers and threads of quartz and carbonate, with locally a little adjacent alteration. 242.6-243.2 - White quartz stringers and adjacent alteration. 245 - Slip. 245-273- Weakly sheared. 246.5 Slip. 273 Probable slip. 280 Slip.					
	301	END OF HOLE.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. **870**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT **30° 0.22** DEP. **1265.99**

ELEVATION, ORIFICE **4989.61**
ELEVATION, COLLAR

ORIENTATION **S. 45° 10' W**
BEARING
Collar: **78°; 200-760-30;**
400-790-30;

ANGLE

PROFONDEUR TOTALE
TOTAL DEPTH

COMMENCÉ LE **Aug. 13, 1911**
DATE BEGUN

TERMINÉ LE **Aug. 20, 1911**
DATE FINISHED

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	70	Casing.					
70	98.5	Medium coarse, fairly even grained diorite with coarse grained sections from 70-78' and 97-98.5'	2107	299.3	300.5	1.2	.05
		85.5-86 - Andesite dyke.	2108	300.5	303.1	2.6	.04
		88.0 3" " "	2109	303.1	305.3	2.2	.03
			2110	305.3	308.1	2.8	Tr.
			2111	308.1	309.3	1.2	.14
			2112	309.3	310.5	1.2	.02
98.5	107.5	Fine grained andesite dyke.	2113	310.5	312	1.5	.05
107	Medium	grained diorite.	2351	312	314.5	2.5	.02
			2352	314.5	317	2.5	Tr.
109	120	Purple feldspar porphyry.	2353	317	319.5	2.5	.01
			2354	319.5	322	2.5	.02
120	132.5	Medium coarse, even grained, grey diorite.	2355	322	324.5	2.5	.02
132.5	145	Fine grained andesite dyke.	2356	324.5	326.7	2.2	Tr
145	150.5	Brecciated, coarse grained andesite with quartz & carb.	2357	328	330	2.0	Tr
150.5	188	Coarse grained, putty colored diorite.					
		163.5-165- 1" brecciation, parallel, with qtz.filling.	3172	145	147.3	2.3	Tr
		181.5-184.5 - Medium grained, andesite dyke.	3173	147.3	150.3	3.0	Tr
188	195	Medium grained andesite dyke.					
195	255	Coarse grained saussuritized diorite.					
		252-254- Strong slip, oblique.					
255	270	Dark grey, hard, medium grained diorite.					
270	278	Medium grained diorite: locally strongly oxidized: probably faults at 271' and 276'.					
278	299.5	Grey, medium grained diorite: locally threads of quartz and carbonate.					
299.5	312	Ore zone: 299.5-300.5- Sheared, chloritized andesite: coarse carbonate and quartz.					

TERRAIN SENATOR BOUYN LTD.
PROPERTY

111-6
TROU No. 870
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 2
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		300.5-305 Well altered diorite: considerable light brown carbonates: very little sulphides.					
		305-307.5 Bleached, fine grained diorite.					
		307.5-309 Fairly strongly altered, considerable brown carbonate: very little sulphides.					
		309-310.5 Bleached, fine grained diorite.					
		310.5-312 Highly altered diorite: some scattered sulphides.					
312	330	312- Fine grained diorite, shattered and shot with numerous threads of quartz and carbonate.					
330	366	Greenish, weakly chloritized, medium grained diorite.					
366	376	365-366- Strong slip, parallel with quartz and carbonate. Dark, brownish, probably slightly bleached diorite.					
376		Strong slip, parallel.					
376	464	Grey, medium to coarse grained diorite, somewhat uneven grained to 415' then even grained and becoming quite coarse grained at 435'. 455-464 -- Lost core.					
	464	END OF HOLE.					

TERRAIN
PROPERTY

111-6
TROU No. **8 70**
HOLE No. **8 70**
FEUILLE No. **1**
SHEET No. **1**
SECTION

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION **8 45° 10' W**
BEARING
Collar: **78° - 200-76° 30'**
ANGLE **400-79° 30'**
PROFONDEUR TOTALE **464'**
TOTAL DEPTH

COMMENCÉ LE **Aug. 13, 1941**
DATE BEGUN

TERMINÉ LE **Aug. 20, 1941**
DATE FINISHED

LAT. **3040.22** DEP. **1265.99**

ELÉVATION, ORIFICE **4,989.61**
ELEVATION, COLLAR

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0-0	70	Casing.	2107	299.3	300.5	1.2	.05	
	98.5	Medium coarse, fairly even grained diorite with coarse grained sections from 70-78' and 97-98.5'.	2108	300.5	303.1	2.6	.04	
		85.5 - 86.0 - Andesite dyke.	2109	303.1	305.3	2.2	.03	.037
		88.0 3" " "	2110	305.3	308.1	2.8	Tr.	6.
			2111	208.1	209.3	1.2	.14	
			2112	309.3	310.5	1.2	.02	.058
98.5	107.5	Fine grained andesite dyke.	2113	310.5	312.0	1.5	.05	3.9
107.5	109	Medium grained diorite.	2351	312	314.5	2.5	.02	
			2352	314.5	317	2.5	Tr	
109	120	Purple feldspar porphyry.	2353	317	319.5	2.5	.01	
			2354	319.5	322	2.5	.02	
120	132.5	Medium coarse, even grained, grey diorite.	2355	322	324.5	2.5	.02	
132.5	145	Fine grained andesite dyke.	2356	324	326.7	2.2	Tr.	
			2357	328	330	2.0	Tr.	
145	150.5	Brecciated, coarse grained andesite with quartz & carb.	3172	145	147.3	2.3	Tr.	
150.5	188	Coarse grained, putty colored diorite. 163.5-165 - 1" brecciation, parallel, with quartz filling. 181.5-184.5 - Medium grained, andesite dyke.	3173	147.3	150.3	3.0	Tr.	
188	195	Medium grained andesite dyke.						
195	255	Coarse grained, sausseritized diorite. 252-254- Strong slip, oblique.						
255	270	Dark grey, hard, medium grained diorite.						
270	278.5	Medium grained diorite: locally strongly oxidized: probably faults at 271' and 276'.						
278.5	299.5	Grey, medium grained diorite: locally threads of quartz and carbonate.						

TERRAIN SENATOR ROUYN LTD.
PROPERTY

111-6
TROU No. 8 70
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. 2
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
299.5	312	Ore zone: 299.5-300.5- Sheared, chloritized andesite: coarse carbonate and quartz. 300.5-305.0 -Well altered diorite: considerable light brown carbonates: very little sulphides. 305.0-307.5- Bleached, fine grained diorite. 307.5-309.0- Fairly strongly altered, considerable brown carbonate: very little sulphides. 309.0-310.5- Bleached, fine grained diorite. 310.5-312.0- Highly altered diorite: some scattered sulphides.					
312	330	312.0 - Fine grained diorite, shattered and shot with numerous threads of quartz & carb.					
330	366	Greenish, weakly chloritized, medium grained diorite. 365-366 - Strong slip, parallel with quartz and carb.					
366	376	Dark brownish, probably slightly bleached diorite.					
	376	Strong slip, parallel.					
376	464	Grey, medium to coarse grained diorite, somewhat uneven grained to 435', then even grained and becoming quite coarse grained at 435'. 455-464- Lost core.					
	464.0	END OF HOLE.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **Vertical**

COMMENCÉ LE
DATE BEGUN **Sept. 16, 1941**

LAT. **1563.91** DEP. **2344.83**

ANGLE **90°**

TERMINÉ LE
DATE FINISHED **Sept. 22, 1941**

ELEVATION, ORIFICE
ELEVATION, COLLAR **4,999.51**

PROFONDEUR TOTALE
TOTAL DEPTH **325'**

JOURNAL PAR
LOGGED BY **D.S.W.B.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	16	Casing.					
10	50.5	Irregular grained, dark green diorite, cut by a few stringers of carbonate.					
50.5	53	1" quartz carbonate stringer, paralleling the core. Carbonate is oxidized.					
53	84	Medium fine grained dark green diorite.					
84	91	56-58- Carbonated diorite, adjacent to stringer of purple quartz, which carries a little sulphides.					
84	91	Dark purple medium grained chloritized feldspar porphyry.					
91	325	Medium fine even grained greenish diorite, cut by threads of quartz and carbonate to the end of the hole.					
		192.5-195.5 - Glassy white quartz; some pink carbonate.					
		212 -213 - Weakly sphaered at 30°					
		234-240 - 3" fine grained andesite dyke, parallel to the core.					
		253-265 - Numerous stringers of grey quartz and carbonate oblique to the core. Some scattered sulphides.					
	325.0	END ON HOLE.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING Vertical

COMMENCÉ LE
DATE BEGUN Sept. 16, 1941

LAT. 563.91 DEP. 2344.83

ANGLE 90°

TERMINÉ LE
DATE FINISHED Sept. 22, 1941

ELÉVATION, ORIFICE
ELEVATION, COLLAR 4,999.51

PROFONDEUR TOTALE
TOTAL DEPTH 325'

JOURNAL PAR
LOGGED BY M.M.R.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
16	84	Casing.	3065	27.2	28.6	1.4	Tr.
		Medium, fine, even grained, dark green diorite which	3066	28.6	30.8	2.2	Tr
		at 19' grades into medium coarse grained salt and pepper	3067	50.7	52.8	2.1	.01
		diorite.	3068	55.6	57.6	2.0	.04
		24 - 1/2" white, barren quartz.	3069	161	162.6	1.6	.01
		24-34- Diorite cut by numerous stringers of quartz and	3070	192.6	195	2.4	Tr.
		carbonate.	3071	220.9	222	1.1	Tr
		29.3-30.7- Quartz carbonate, albitized a little sulphide	3072	231.7	235.8	4.1	.10
		with oxidized slip at 30.3'.	3073	254	256.7	2.7	.05
		39.0 - 1" quartz, a little oxidization.	3074	256.7	258.7	2.0	.01
		50.7-52.5- 1" quartz, carbonate stringers, parallel.	3075	263	265.3	2.3	.03
		50.7 - Oxidized slip.					
		55.5-63.5- Weakly bleached adjacent to parallel stringer.					
		63.5 - Oxidized slip.					
84	91	81.5 1" glassy white quartz and carbonate at 30°.					
		Purplish feldspar porphyry, medium coarse, even grained					
		phenocrysts scattered and small.					
9	325	Medium grained, dark green diorite, scattered stringers					
		of quartz and carbonate.					
		91-91.6 - Quartz carbonate adjacent to slip at 45°.					
		121.5-122.7- Weakly bleached adjacent to slips at 121.7					
		and 122.6.					
		161-162.5 - Irregular stringers of quartz and carbonate.					
		186-187- Slips at 40°.					
		192.5-195.5 - White quartz and tourmaline. No sulphides.					
		201- 1" white quartz at 30°.					
		215.5-216- Core broken up, possibly slip.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING _____

COMMENCÉ LE
 DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
 DATE FINISHED _____

ELEVATION, ORIFICE
 ELEVATION, COLLAR _____

PROFONDEUR TOTALE
 TOTAL DEPTH _____

JOURNAL PAR
 LOGGED BY **M.M.R.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		221.5-221.6 - Irregular, grey carbonate.					
		220 - Slip					
		231.5 - 2" grey carbonate.					
		231.7-234.2 - Coarse grained diorite, feathers of dark green chlorite.					
		234.2-334.5- Fine grained andesite dyke at 25-30°.					
		238.5-239.2- do					
		245-247.5 - 1" Fine grained andesite dyke.					
		249.8-250.4- Andesite dyke at 30°.					
		250.5-257 - Sheared at 15°, diorite with irregular stringers of quartz and carbonate parallel schistosity. A little scattered mineralization.					
		257-258.8 - Irregular quartz and carbonate stringers in massive diorite. - scattered mineralization.					
		263-265.5 - do					
		308-325- - Weakly sheared at 45°.					
		310 - 1" pinkish carbonate at 45°.					
		317 - Core broken up: probable slip.					
		322.5 - Probable slip.					
325.0		END OF HOLE.					

TERRAIN **SENATOR ROUYN LTD.**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. **872**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **1672.58** DEP. **2417.99**

ELEVATION, ORIFICE
ELEVATION, COLLAR **4,996.21**

ORIENTATION
BEARING **Vertical**
Dip **90°**
ANGLE **200-86°30', 400-86°30'**

PROFONDEUR TOTALE
TOTAL DEPTH **454'**

COMMENCÉ LE **sept.22, 1941**
DATE BEGUN

TERMINÉ LE **Sept.26, 1941**
DATE FINISHED

JOURNAL PAR **B.S.W.B.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
00	34.0	Casing.					
-	57	Medium coarse, somewhat spotted diorite. A few threads of quartz and carbonate.					
57	14.5	Reddish, medium even grained feldspar porphyry.					
64.5	103.5	Medium fine soft greenish diorite, cut by scattered slips, possible fault at 83.0-84.0. Numerous stringers of quartz and oxidized carbonate. Occasionally a little sulphides.					
103.5	140	Probable inclusion of fine grained andesite soaked by diorite.					
140	240	Medium fine spotted diorite; somewhat chloritized. Might also possibly be andesite. Spots vary in color from grey to purple; up to 1/4" in diameter. Very irregularly distributed throughout the rock. 217-220 - 1" quartz stringer parallel.					
240	454	Medium fine grained, greenish, relatively hard diorite. 365 - 2" quartz. 398-403 - Irregularly brecciated. 1" quartz vein, parallel to the core.					
	454.0	END OF HOLE.					

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
TROU No. **8 72**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **1672.58** DEP. **2417.99**

ELEVATION, ORIFICE
ELEVATION, COLLAR **4,996.21**

ORIENTATION
BEARING **Vertical**

0-90°
ANGLE **200-86°30' , 400-86°30'**

PROFONDEUR TOTALE
TOTAL DEPTH **454 feet**

COMMENCÉ LE
DATE BEGUN **Sept. 22, 1941**

TERMINÉ LE
DATE FINISHED **Sept. 26, 1941**

JOURNAL PAR
LOGGED BY **M.M.R.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	34	Casing.	3076	64.9	65.9	1.0	Tr
	56.3	Medium fine, even grained, dark green diorite: scattered stringers and sthreads of quartz & carbonate.	3077	71.4	75.7	4.3	.01
		48-56.6 - Locally weakly bleached, especially adjacent to quartz carbonate stringers. Contains spots of dark green chlorite up to 1/8" in diameter.	3078	78.6	79.5	0.9	.01
			3079	216	218.5	2.5	.03
			3080	218.5	221	2.5	.01
		50.5-51-Fine grained phase, possibly a somewhat altered andesite dyke.	3081	396.6	399.6	3.0	Tr
			3082	399.6	402.6	3.0	Tr
			3083	405.8	409.5	3.7	.01
		51.0 - 1/2" white quartz stringer at 90°: with adjacent weak alteration.					
		52.0 - Core broken up, possible slip.					
		54.0 - 1/2" quartz carbonate stringer at 90° with adjacent bleaching.					
		56.5 - 2" milky quartz stringer at 45°, adjacent bleaching a very little light green fuchsite.					
56.5	64.5	Purplish feldspar porphyry: medium coarse, fairly even grained, contains a few scattered sulphides.					
		57.5 - 1/2" quartz carbonate stringer at 80°					
		62.0 - possible slip.					
	64.5	4" Strong oxidation. Shearing at 45° slip.					
64.5	84.5	Medium fine, fairly even grained diorite: irregularly bleached and altered adjacent to quartz carbonate stringers with scattered sulphides locally.					
		65.5 - Altered adjacent to quartz carbonate abundant coarse sulphides.					
		66.5 - Oxidize slip at 45°.					
		69 - 1/2" quartz carbonate stringer at 70°.					
		75.2-76- quartz carbonate at 30°. Sulphides.					
		77-78- Core broken up: weak oxidation. Slip.					
		79- 6" Strong bleaching: a little green fuchsite: some sulphides.					
		84.5 - Probable Slip.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR **M.M.R.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
84.5	454	Medium, fairly even grained, dark green, hard, diorite, though with local coarser grained sections, eg., 89', 128', occasional threads and stringers of quartz and carbonate. 113- Possible slip. 121- " " 122.5 - 1" Irregular quartz stringer at 450. 131 - Possible slip. 143-143.5- Quartz carbonate seam, a few sulphides. 170.8- 3" grey carbonate. 182-187.5- Very fine grained, pale green, acid andesite (or rhyolite.) 198- Possible slip. 199.2- 2" Irregular quartz carbonate stringer. 216-221- Numerous irregular quartz and carbonate stringers local brecciation especially 218 and 220. 240.7-241.3- Do. 302-308.5-Rock is strongly sheared, almost parallel. Probable fault zone. 313.5-314.5- Sheared and broken up. Fault. 317 - 5" grey carbonate. 326 - 3" " " 329.5- 2" white quartz. 365.2-365.8- Quartz & carbonate. 375.8- Probable slip. 385.8 " " 397-403 - Rock is strongly brecciated with a coarse quartz and carbonate matrix. 405.8-409.5 Do. 415 - Possible slip. 436.5- 2" grey carbonate. 437.5- 5" " " .- a few sulphides. END OF HOLE.					
	454.0						

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **1449.03** DEP. **2388.51**

ELEVATION, ORIFICE
ELEVATION, COLLAR **5,001.63**

ORIENTATION **Vertical**
BEARING

0-90°
ANGLE **200-86°30', 340-82°00'**

PROFONDEUR TOTALE
TOTAL DEPTH **346'**

COMMENCÉ LE
DATE BEGUN **Sept. 23, 1941**

TERMINÉ LE
DATE FINISHED **Sept. 29, 1941**

JOURNAL PAR
LOGGED BY **H.N.R.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0 0	16.0	Casing.					
	198.5	Medium, fairly even grained, dark greenish-gray diorite, cut by threads and stringers of quartz and carbonate: often irregular.	3084	297.3	298.6	1.3	Tr.
		34.2 - Oxidized slip at 45°, with white carbonate.	3085	300.4	301.4	1.0	.02
		116-116.8- Irregular carbonate stringers: a few sulphides.					
		119.5-135- Rock is somewhat coarser grained and contains numerous feathers of dark green chlorite, grading from fine and needle like to larger irregular flakes at 127-130 and back to fine again.					
		124.8 - Oxidized slip at 35°.					
		165.5 - Possible slip.					
		188- Possible slip.					
		195.5 " "					
198.5	207.7	Purplish feldspar porphyry: medium, fairly even grained, with numerous spots & feathers of green chlorite.					
207.7	346	Dark green, medium, fairly even grained diorite. cut by occasional stringers & threads of quartz and carbonate.					
		219-242- Rock contains spots & needles of green chlorite.					
		231.5- 1½" quartz & carbonate, possibly a very little green fuchsite.					
		236.8-237.5-Weakly bleached adjacent to ¼" quartz stringer at 237.1'.					
		244- Oxidized slip.					
		265-287- Diorite contains varying amounts of chlorite.					
		291-346-The carb. & qtz. stringers are more numerous & more irregular: and contain a few scattered sulphides locally, eg., 298 and 322' to 323'.					
		319.5- Sheared at 10°. Probable fault.					
		337-346- Strongly sheared at about 45° & locally broken up especially 340.5'.					

TERRAIN SENATOR ROUYN LTD.
 PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶
 HOLE No. S 73

FEUILLE No.
 SHEET No. 3

SECTION _____

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING

COMMENCÉ LE
 DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
 DATE FINISHED

ELÉVATION, ORIFICE
 ELEVATION, COLLAR _____

PROFONDEUR TOTALE
 TOTAL DEPTH _____

JOURNAL PAR
 LOGGED BY M.M.R.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		341.5 - 1/2" white quartz stringer at 20°.					
346.0		END OF HOLE.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. 1614.67 DEP 2270.75

ELEVATION, ORIFICE
ELEVATION, COLLAR 4996.78

ORIENTATION
BEARING Vertical
0-90°

ANGLE 220-89°30'

PROFONDEUR TOTALE
TOTAL DEPTH 224'

COMMENCÉ LE
DATE BEGUN Sept. 26, 1941

TERMINÉ LE
DATE FINISHED Sept. 30, 1941.

JOURNAL PAR
LOGGED BY M.M.R.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	23.0	Casing.					
21	25	Coarse grained, spotted, grey diorite.	3087	65.2	67.2	2.0	Tr
25	27	Lost core. Sand seam.					
27	125.5	Medium coarse, fairly even grained, greyish-green diorite cut by occasional stringers of quartz & carbonate, with same as adjacent alteration: and locally a few scattered sulphides.	3088	180.0	181.9	1.9	.09
		31.5- 1/2" white quartz stringers at 80°, a little alteration and scattered sulphides.					
		33.5 Do.					
		35.5 Probable slip.					
		37.6 Weak, oxidized slip.					
		42.9 " " "					
		56.5-56.9 Altered adjacent to irregular quartz carbonate stringer, scattered sulphides.					
		65.3-66.2 4" white quartz with adjacent alteration: two oxidized slips at 65.4 and 65.4 and 65.8; scattered sulphides. The diorite is somewhat sheared.					
		66.6-67.1 White quartz stringer, adjacent alteration and sulphides.					
		75-78.7- Rock is somewhat sheared.					
		75-76.1 - Irregular quartz & carbonate stringers in a fine grained section form a somewhat brecciated zone. Scattered sulphides.					
		78.7 - Probable slip.					
		79.5 Narrow, fine grained andesite dyke.					
		83.5 Probable slip.					
		89.8-93 Fine grained, andesite dyke.					
		102-120- A somewhat coarse grained section of diorite.					
		117.3 - 1" fine grained andesite with some carbonate.					

TERRAIN
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶ **8 74**
HOLE No. _____

FEUILLE No. **2**
SHEET No. _____

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ÉLEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY **M.M.R.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
12.5	141.5	Medium coarse, somewhat uneven grained, reddish feldspar porphyry dyke.					
141.5	224	Medium, rather uneven grained, hard, grey, diorite, cut by occasional stringers and threads of quartz and carbonate especially from 178.0' on. 153.5 - Probable slip. 180-182- Irregular stringers of quartz and carbonate: a little oxidation and scattered sulphides, sheared. 192-192.5- Weakly bleached.					
	224.0	END OF HOLE.					

TERRAIN SENATOR ROUYN LTD.
PROPERTY

111-6
TROU No. 8
HOLE No. 75

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION BEARING 83° 02' W

COMMENCÉ LE
DATE BEGUN Oct 10, 1941

LAT. 2368.77 DEP. 2893.31

ANGLE 44° 30' - 45° 30'

TERMINÉ LE
DATE FINISHED Oct. 15, 1941

ELÉVATION, ORIFICE
ELEVATION, COLLAR 4999.2

PROFONDEUR TOTALE
TOTAL DEPTH 300'

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	26	Casing. Irregular grained diorite; varying from fine to coarse; generally grey in color. Below 145.0' rock is uniformly coarse grained, faintly porphyritic to 177.0', then medium even grained, hard grey and faintly porphyritic to 239.0'. 239.0-244.0 Dense fine grained. Possibly rhyolitic inclusion. 266.0-267.0 Ditto, with probable pillow rims showing.					
26.	300.0						
	300.0		END OF HOLE.				

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. **S 75**¹¹¹⁻⁶
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION **S 34° 02' W**
BEARING

COMMENCÉ LE **Oct. 10, 1941**
DATE BEGUN

LAT. **2368.77** DEP. **2893.31**

Collar **44° 30'**
ANGLE **200' 45° 30'**

TERMINÉ LE **Oct. 15, 1941**
DATE FINISHED

ELEVATION, ORIFICE **4999.2**
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR **M.M.R.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	26.0	Casing. Medium grained, hard, greenish-grey, unaltered diorite, with local coarser grained sections. eg. 41.5-46.5: 67-79. 102.8- 1" quartz carbonate stringer at 80°. 137.3-137.6 - quartz and carbonate, scattered sulphides. 145.5 Probable slip. 172 Slip 193.2-193.4 Quartz and carbonate. 207.5 Slip. 228-228.7 Quartz carbonate stringers at 15° 238-245 Fine grained acid andesite. 252 Probable slip. 275.5 " " 259-280 Finer grained. 262-266 Local short sections of brecciation. 283.6-284.3 White quartz stringer at about 15°. 298-200 Fine grained diorite.					
	300						
300.0			END OF HOLE.				

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. 876
HOLE No.

FEUILLE No. 1
SHEET No.

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 1375.98 DEP. 2217.39
ELEVATION, ORIFICE 4997.9
ELEVATION, COLLAR

ORIENTATIONS 34° 00' W
BEARING
44° 30', 200-41° 30' 400-45°;
ANGLE 561' 34° 30' - 561'
PROFONDEUR TOTALE 561'
TOTAL DEPTH

COMMENCÉ LE Oct. 16, 1941
DATE BEGUN
TERMINÉ LE Oct. 23, 1941
DATE FINISHED
JOURNAL PAR B.S.W.B.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	23	Casing.					
2	35	Core broken up. Weakly sheared, coarse grained diorite.					
35	74	Coarse grained, grey sausseritized diorite.					
74	160	Irregular grained diorite.					
		74.5-75 Pinkish quartz and feldspar; a little sulphides.					
		94-95.5 Irregular brecciated vein, pink quartz; carbonate, a little sulphides.					
		127-128 Quartz carbonate vein, light lavender colour. No sulphides.					
		135 Possible fault.					
		139 " "					
160	190	Fine irregular grained; some probable flow structures, Rock is probable inclusion of andesite.					
		166.0 3" quartz and massive chalcopyrite.					
190	192	Shear zone, shearing at 40° with 8" quartz at 191.0'.					
192	343	Irregular fine grained diorite.					
		195-200- Weakly sheared.					
		207- 209- Shear zone at 45°; stringers of brown carbonate.					
		213-217.5- Weakly sheared., a little brown carbonate.					
		220.5-221- Sheared.					
		225-324- Diorite, somewhat chloritized and cut by scattered threads of quartz and carbonate.					
		312.5-313.5 Weakly sheared.					
		383- Probable fault. Chips of core.					
		324-353- Core brittle & broken by numerous irregular slips.					
343	468	Medium fine, even grained soft diorite,					
		348,3-352.7 - Lost core.					
468	561	Coarse grained, speckled dark greenish grey diorite.(Irregular minute light brown flakes resembling leucoxene.					
		548.2-549.7- Shear zone at right angles. Stringers of quartz and carbonates. Some axinite.					
		556-561 Rock becomes fine grained.					
	561	END OF HOLE.					

TERRAIN PROPERTY **SENATOR ROUYN LTD.**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. ¹¹¹⁻⁶ **S 76**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **1375.98** DEP. **2217.39**

ELEVATION, ORIFICE
ELEVATION, COLLAR **4997.9**

ORIENTATION **S 34° 00' W**
BEARING
44° 30', 200-41° 30'; 400'-450'
ANGLE **561'-34° 30'**

PROFONDEUR TOTALE
TOTAL DEPTH **561'**

COMMENCÉ LE **Oct. 16, 1941**
DATE BEGUN

TERMINÉ LE **Oct. 23, 1941**
DATE FINISHED

JOURNAL PAR **M.G.M.R.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	23.0	Casing.					
2	47	Medium to medium coarse grained, light grey diorite: fair amount of carbonate stringers and threads, Weakly sheared to about 33' and somewhat chloritized throughout.					
	42.0	Probable slip.					
47	81	Grades into coarse grained, greenish grey, spotted, hard, relatively unaltered diorite. Occasional stringers of quartz and carbonate.					
	59.0	Slip.					
	73.8-74.2	White quartz and carbonate stringers at 75° somewhat muggy and weakly oxidized.					
81	195	Diorite gradually grades into medium to medium coarse grained greyish green, relatively unaltered, somewhat chloritized diorite: cut by stringers and threads of quartz and carb.					
	51.8	1" white quartz and carbonate: oxidized.					
	93.7-95.5	A section of irregular quartz and carbonate: a few (very few) scattered sulphides.					
	126.6-127.8	Mauve quartz and carbonate,					
	131.5	Probable slip.					
	139	Sand seam.					
	143.5-144.1	Quartz and carbonate: a few sulphides.					
	161-175	The diorite is weakly silicified.					
	165.8-.66.2	White quartz & carbonate with chalcopyrite.					
	166.3-167	Strong mud seam.					
	175	Possible slip.					
	185	Possible slip.					
	190.7-193.3	Sheared at 45°, carbonate and quartz stringers.					
	195.0	Probable slip.					

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

TROU No. ¹¹¹⁻⁶
HOLE No. **S.76**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **2**
SHEET No.**JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD**

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLARORIENTATION
BEARINGCOMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHEDELÉVATION, ORIFICE
ELEVATION, COLLARPROFONDEUR TOTALE
TOTAL DEPTHJOURNAL PAR **M.M.R.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
195	470	Gradational into dark, greyish-green, medium grained, chloritized diorite: sheared at 35-45° and cut by stringers and threads of quartz and carbonate- locally abundant, especially to 284' - occasionally a few scattered sulphides. 214.5- Probable slip. 234 " " 238.4-239.1 - White quartz stringers at about 35°. 245 - Probable slip. 255.5 Slip. 283.5 Slip 294 Possible slip. 322.8 Slip 348-353 Possible fault zone. 348.4-352.8 - Lost core. 398.0 Slip. 413 - Probable slip. 419.2 " " 461.5 Strong slip. 468.5 Slip.					
470	561	Gradational into medium coarse to coarse grained greyish-green, spotted hard, chloritized, unaltered diorite. 500 Mud Slip. 505.7-506.5 Quartz carbonate stringers at 30° 515 5" irregular white quartz carbonate stringers, 551 Mud slip.					
	561.0	END OF HOLE.					

TERRAIN
PROPERTY

SENATOR ROUYN LTD.

TROUGH No. 111-6
HOLE No. 77

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLARORIENTATION
BEARING S 34° 15' WCOMMENCÉ LE
DATE BEGUN Oct. 25, 1941

LAT. 867.89 DEP. 1505.76

0-46°
ANGLE 200-43°30'TERMINÉ LE
DATE FINISHED Nov. 2, 1941ÉLEVATION, ORIFICE
ELEVATION, COLLAR 4983.2PROFONDEUR TOTALE
TOTAL DEPTH 527'JOURNAL PAR
LOGGED BY B.S.W.B.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	76.0	Casing .					
76.0	101.3	Medium fine grained diorite, somewhat broken by slips. a few scattered stringers of quartz.	7110	101.2	102.8	2.6	.01
101.3	111.5	Possible ore zone. Somewhat sheared; development of large spotty chlorite of fuchsite. A few scattered coarse sulph.	7111	102.8	105.8	3.0	Tr.
111.5	183	101.3-102.8- 80% quartz and carbonate. Light greyish buff carbonate, highly amygdoloidal rhyolite. Some fine sulphides associated with the amydules, especially 118-121', which may in part be related to 1" stringer of quartz at 119.0.	7112	105.8	108.8	3.0	Tr.
		173.0- 2" Stringer of quartz and carbonate. considerable pyrite.	7113	108.8	111.5	2.7	Tr.
			7114	118.6	120.5	1.9	.04
			7115	173.2	174.5	1.3	.07
			7116	225.8	227.5	1.7	Tr.
			7117	234.3	236.6	2.3	.02
			7118	389	391.8	2.8	Tr.
			7119	506.2	508.7	2.5	Tr.
			7120	511.5	514	2.5	Tr.
			7121	516.5	519.2	2.7	Tr.
183	527	Probably non-amygdoloidal phase of above rock. Medium fine grained, with a greasy grey appearance. Locally faint amygdoloidal structures. A few widely scattered narrow stringers of quartz carbonate with which are usually associated finely disseminated sulphides.					
		385-400- Ropy or pillowed phase. Scattered coarse sulphides.					
		454-460- Ropy silicious phase.					
		482-527- Ropy, probably rudely pillowed. Coarse pyrite scattered throughout.					
		354-358- Dark grey, fine grained silicious rhyolite.					
	527	END OF HOLE.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING S 15° W (App)

COMMENCÉ LE
DATE BEGUN Nov. 9, 1941

LAT. 3170(app) DEP. 6610(approx)

ANGLE 0°-44°30', 75°-41°00', 250-360°

TERMINÉ LE
DATE FINISHED Nov. 27, 1941

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH 500'-39°30'
800ft. 750'-37°00'

JOURNAL PAR
LOGGED BY M.M.R.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCE D'OR PAR TONNE ASSAY, OUNCE GOLD PER TON
DE FROM	A TO						
0-0	50.0	Casing.	7921	150.8	151.8	1.0	.04
	82	Medium grained dark grey diorite, cut by a few stringers and threads of quartz and carbonate, with associated purplish, weak alteration, and fine sulphides, most important at 77.0-77.7'. 56-75- Grades into fine grained dark grey hard diorite at 64' and back into medium grained diorite at 75'.					
82	94	Medium coarse grained reddish feldspar porphyry dyke.					
94	251	Medium to coarse, rather irregularly grained dark grey diorite. A few stringers and threads of quartz and carbonate often with a little light green epidote (?). Occasionally a little scattered pyrite. 150.8-154. A little purplish silicification, and a very few sulphides at 151.3'. 202.9-203.5 Diorite breccia, probably associated with a probable slip at 202.9'. 234-238.6- Fine grained, light grey, silicified. Locally some very fine sulphides.					
251	281.7	Grades into coarse grained, hard, light greyish, speckled diorite.					
281.7	288	Abrupt change into fine grained dark grey diorite, grading into medium grained dark grey diorite at 288.0'.					
288	483.5	Medium, somewhat uneven grained grey diorite; with local sulphide concentrations, generally either associated with quartz & carbonate stringers & threads or along weak slips. Often a little light green epidote associated with the threads. 313.7- 1/2" sulphide concentration. 314.1-1" " " " 324.4-325 Irregular fine pyrite associated with 1/4" irregularly parallel quartz stringer.	7922 7923 7924	313.6 434.4 333	314.2 325 334.3	0.6 0.6 1.3	.02 .03 .03

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

111.6
FEUILLE NO. 3
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. _____
HOLE NO. _____

78

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR M.M.R.
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHÉLONNEMENT NO. DE _____ A _____ LONGUEUR DOR PAR TONNE				REMARQUES
DE FROM	A TO		NO.	DE	A	LONGUEUR DOR PAR TONNE	
521.9	526.2	Abrupt change into fine grained purplish, silicified diorite; with an irregular abundance of very fine sulphides, generally along tiny threads of quartz & carb.					
526.2	531.3	Mottled greenish and purplish, silicified diorite breccia, locally quite like rhyolite with some irregular sulphides.					
531.3	534	Similar to 521.9-526.2, but with fewer sulphides.					
534	536	Completely silicified, purple, very fine grained diorite, probably the porphyry soaked diorite contact.					
536	540.2	Medium coarse grained reddish feldspar porphyry dyke. 6" lost core, probably at 540'.					
540.2	552.4	Highly silicified diorite breccia, dark green to about 543.0', then becoming pale greenish and rhyolite like to 549.0'. 549-552.4- Similar to above; pale greenish. Large abundance of irregular shaped whitish inclusions, up to 1" in diameter.					
552.4	558.7	Light greenish fine grained diorite or andesite, cut by occasional threadlets of quartz and carbonate, with associated threads of massive chlorite and occasionally a few relatively massive sulphides.					

TERRAIN _____
PROPERTY _____MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORDFEUILLE NO. 4
SHEET NO. _____PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 78
HOLE NO. _____

SECTION _____

LAT. _____ DEP. _____

JOURNAL PAR M.M.R.
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
558.7	575	Pale, mottled grey rhyolite breccia, (in part diorite like), cut by short sections of fine grained diorite, or andesite. (similar section 552-558'). A few scattered sulphides.						
		558.7-559.5- Spotted, similar to 549-552.4'.						
		567.0- 569.8- Andesite.						
		570.3-570.7- "						
		574.0-575.0 Some lost core.						
575	675	Medium fairly even grained, dark greenish gery, hard diorite. Occasional stringers and threads of quartz and carbonate and light green epidote. Almost no sulphides.						
		634-635.4 - Lost core.						
		622.5-671.0- Fine grained.						
675	729	Medium to coarse, rather uneven grained; irregularly flecked, dark greenish grey diorite.						
729	800	Grades into medium even grained light greenish grey minutely and evenly speckled diorite.						
800.0		END OF HOLE.						

TERRAIN **SENATOR-ROBYN LTD.**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

111.6
FEUILLE NO. **1**
SHEET NO.

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE **601'**
TOTAL DEPTH
SECTION
JOURNAL PAR **M.M.R.**
LOGGED BY
COMMENCÉ LE **Dec. 1, 1942**
DATE BEGUN
TERMINÉ LE **Dec. 5, 1943.**
DATE FINISHED

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. **7653** DEP. **6483**
ÉLÉVATION, ORIFICE
ELEVATION, COLLAR
ORIENTATION **S 12° -01 W**
BEARING
ANGLE **0'-45°30', 100'-49°30', 300'-50°00', 500'-49°00'**

TROU NO. **79**
HOLE NO.

GAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	10.0	Casing.	7938	49.4	50.8	1.4	.03	
10.0	34.3	Medium grained dark greyish diorite. Threads of quartz & carb. & epidote, occasionally a few associated sulphides, chiefly pyrite, but a little chalco pyrite.	7939	96.4	97.5	1.1	.02	
			7940	97.5	100.3	2.8	Tr.	
			7941	100.3	103.2	2.9	.01	
			7942	103.2	106.5	3.3	Tr	
			7943	106.5	111.0	3.5	Tr.	
34.3	46.5	Medium fine to medium grained dark greyish diorite, with varying degrees of purplish silicification. Threads of quartz and carbonate often with associated fine sulphides.						
		34.7'- 1" quartz carbonate stringer with very abundant fine sulphides.						
46.5	57.5	Diorite similar to previous section but with irregular sections of well to highly silicified diorite breccia: the most important at 46.5-47.4', 48.5-50.8 (Silicified and altered with fine sulphides.) and 55.4-56.9'.						
57.5	96	Medium fine fairly even grained medium greenish grey diorite. Stringer and threads of quartz & carbonate, generally with some associated pyrite and chalcopyrite, sometimes in massive slusters.						

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 79
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		78.5-95- Generally somewhat sheared,						
		81.5' Probable slip. Fairly strong shearing.						
		86.8-90.6-Some irregular quartz and carbonates, and a few associated sulphides.						
		90.6-91.8-Core broken up. Probable fault.						
96	110	Medium grained diorite; generally well bleached, locally altered; in part silicified, sheared, a very few sulphides.						
		104.5 - 1" cave, lost core; a few fragments of somewhat oxidized quartz & carbonate.						
		108 - 1" cave; lost core.						
		109-110. Some lost core; probable strong fault.						
110	215	Medium fairly even grained greenish grey diorite; stringers & threads of qtz & carb. almost no sulphides.						
		167.4-168.5- Fine grained dark grey diorite dyke, with chilled contacts.						
		211- Possible fault.						
215	335	Gradually changes into finely speckled medium grained diorite; similar to above.						
		251.2-253.3- Dark grey, non-speckled phase.						
		260.2- Weak slip with brick red oxidation.						
		278 - Ditto.						
		287-335-Threads of quartz and carbonate are scarce.						
		304.7- Slip with brick red oxidation.						
		323-323.2-Fine grained dark green diorite dike.						

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

 PROFONDEUR TOTALE _____
 TOTAL DEPTH _____

 COORDONNÉES ORIFICE _____
 CO-ORDINATES COLLAR _____

 TROU NO _____
 HOLE NO.
79

SECTION _____

LAT. _____ DEP _____

 JOURNAL PAR _____
 LOGGED BY _____

 ÉLÉVATION, ORIFICE _____
 ELEVATION, COLLAR _____

 COMMENCÉ LE _____
 DATE BEGUN _____

 ORIENTATION _____
 BEARING _____

 TERMINÉ LE _____
 DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
335	392.7	Gradually becomes medium coarse grained.						
		390-392.7- Grades through medium grained diorite to an abrupt fine grained chilled contact at 392.7'.						
392.7	408.3	Grey, silicified diorite breccia, locally quite rhyolitic like. Short local sections of relatively unaltered diorite, most important 402.5-403'. Only a few sulphides.						
408.3	473.5	Grades through a 1" fine grained chilled contact, into medium; somewhat uneven grained diorite with threads of quartz carbonate and epidote. There are a number of fine grained andesite like, sections, sometimes with chilled contacts, other times merging gradually into coarser grained phase of diorite. The most important of these sections are:-						
		431-433.7						
		439.6-441.1						
		442.7-445.1						
		448.1-448.5						
		451.6-452.3						
		470.2-473.5						
		448.5-449.5- Lost core. Mud seamé						
473.5	601	Medium, fairly even grained dark grey diorite. A few threads of carbonate. Almost no sulphides.						

TERRAIN _____
PROPERTY _____FEUILLE NO. 2
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S -80
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
		73.5-76- Irregular mauve qtz & alterations; very few sulphides.	9017	592.3	594.3	2.0	.01		
			9018	594.3	595.3	1.0	Tr.		
			9019	614.7	617.2	2.5	Tr.		
76	107	Essentially medium grained light greenish grey diorite.	9020	617.2	619.7	2.5	Tr		
		76-Grades through a 1" fine grained andesite like contact	9021	619.7	621.7	2.0	Tr		
			9022	621.8	625	3.3	Tr		
			9023	625	627.5	2.5	Tr		
		into coarser grained phase.	9024	627.5	630.2	2.7	Tr		
		83.5-94- Fairly fine grained andesite like section.	9025	635.7	637	1.3	.01		
			9026	637	638.7	117.	Tr		
		85.5-86.7- Medium coarse grained dioritic phase.	9027	630.2	634.2	4.0	Tr		
			9028	638.7	641.8	3.1	Tr		
		98.2-101.6 Fine grained and andesite like. A few threads	9029	647	650	3.0	.01		
			9030	658.7	661.2	2.5	Tr		
		of qtz & carbonate.	9031	661.2	666	4.8	Tr		
		100-101.6- Purplish silicifi- cation; a very few fine	9032	676	680.7	4.2	Tr		
			9033	688	691.4	3.4	Tr		
		sulphides.	9034	713.3	716.9	3.6	Tr		
			9035	716.9	719.4	2.5	Tr		

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE NO. 3
SHEET NO.

S 80

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____

TROU NO. _____
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		101.6-107- Medium grained silicified, pale greenish grey dioritic phase.						
107	118.7	Gradational to 110 onto very coarse grained highly spotted diorite; with a large abundance of irregularly shaped whitish feldspars, up to 1/2" in diameter.						
	118.7	Medium grained dark greenish gray diorite.						
	130.7	Fine grained greenish grey andesite dyke.						
	131.4	Highly bleached, well silicified, pale grey, medium grained diorite.						
	142	Silicified & irregularly weakly bleached diorite.						
		(Note: It is just possible that section 130.7-151.5 was originally all andesite, as slight andesitic characteristics are locally in evidence. It is thought, however, that these are probably rare thorough silification, and that, in general, the rock is too coarse grained to be altered andesite.)						
	151.5	Medium even grained dark greenish grey diorite.						
		232.5-234.7- Weak purplish alteration, adjacent to two 3" oblique quartz carbonate stringers at 233.2 and 234.5 A very few sulphides.						
242	285	Somewhat irregularly, though generally well bleached (locally altered), silicified, pale mottled grey diorite. Almost no sulphides.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 4
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

S 80

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. _____
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
285	307	Grades through a 2' fine grained contact into medium grained dark greenish grey diorite, with another fine grained contact at 307.0'.						
307	313.8	Highly bleached, silicified, and epidotized, medium grained diorite.						
313.8	327.4	Medium grained dark greenish grey diorite.						
327.4	331.1	Fine grained dark green diorite dyke.						
331.1	350.2	Medium fine grained dark greenish diorite.						
		336.9-338- Fine grained diorite dyke.						
350.2	356	Fine grained dark grey diorite, with chilled contact at 350.2 and progressively becoming coarser grained until at 356 it is medium grained.						
356	451.5	Medium fairly even grained greenish grey diorite; with occasional threads of quartz, carbonate; and epidote. Almost no sulphides.						
		356-358- Irregular purplish silicification and olive green epidotization, adjacent to several mauve quartz stringers and threads, the most important 2" at 358.5'.						
		371.2-372.5- 9" white quartz and cream carbonate stringer with adjacent alteration and a few sulphides.						
		392.5-304.5- Fine grained dark green diorite dyke.						
		438-451.5- A little coarser grained.						
451.5	491	Medium to medium coarse grained diorite; somewhat similar to above, with several sections of irregularly bleached & generally somewhat silicified, & epidotized, mottled light greenish grey diorite. Very few sulphides. These sections are:-						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. **6**
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. **8 - 80**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
586.2	595.2	Fine grained pale greenish andesite (or fine grained diorite) somewhat coarser grained at the centre than at the edges. A few fine sulphides, most abundant 594.3-595.3, where they are irregularly massive.						
596.2	614.6	Medium coarse, somewhat uneven grained porphyritic diorite. An irregular abundance of whitish feldspars up to 1/8" in diameter. Irregularly scattered sulphides, only locally in any quantity.						
614.5	619.7	Merges into medium fine grained pale greenish, very faintly porphyritic diorite. A few scattered sulphides throughout.						
619.7	621.7	White quartz and cream carbonate stringer at 619.9-620.7, with adjacent strongly sheared, carbonated, talcose and somewhat chloritized diorite. Probable fault.						
621.7	627.5	Fine grained; weakly altered (purplish) and silicified diorite, with a fair abundance of fine sulphides. Becoming highly silicified, from 625' onwards, gradually merges into diorite breccia at 627.5'						
627.5	634.2	Highly silicified, mottled grey, diorite breccia, with some fine sulphides, becoming less silicious and fairly diorite like about 630.2 and progressively more dioritic to 634.2.						
634.2	635.7	Medium grained greenish grey diorite.						
635.7	637	Well altered, and silicified medium grained diorite, with an abundance of fine sulphides.						

M.M.68

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

111.6
FEUILLE NO. 1
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 401'
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 7914.26 DEP. 5805.65

TROU NO. 81
HOLE NO. _____

SECTION _____
JOURNAL PAR M.M.R.
LOGGED BY _____

ÉLEVATION, ORIFICE
ELEVATION, COLLAR _____

COMMENCÉ LE Dec. 18th 1942
DATE BEGUN _____

ORIENTATION Sou 40° 42W
BEARING 0° - 44°00'

TERMINÉ LE Dec. 22^d 1942
DATE FINISHED _____

ANGLE 150° - 40°00' - 300° 0 44°00'

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0.0	5	Casing.	9044	114.1	116	1.9	Tr		
			9045	165	167	2.0	.01		
5	85	Medium fairly even grained dark greenish diorite, cut by threads of quartz and carbonate and alteration and sometimes a very few sulphides.	9046	190.8	193	2.3	Tr		
		9-11- Core broken up. Fault.	9047	306.1	307.2	1.1	.02		
		28.5-29.4- Fine grained andesite dyke with chilled contacts.							
		69.2 - 2" fine grained dyke.							
		71.6 - 72.3 - Fine grained diorite dyke.							
5	114.1	Grades into medium to coarse, uneven grained dark greyish, irregularly speckled diorite. A few threads of quartz and carbonate.							
		102.3 - Strong slip.							
114.1	116	Medium fine grained reddish feldspar porphyry dyke, with considerable abundance of fine sulphides.							
116	222	Diorite, similar to above, but generally cut by stringers & threads of qtz and carb. and in part, by threads of reddish felsite, and light green epidote as follows: 116-125- Threads of felsite in fair abundance occasionally thereafter, 116-150- Epidote is scarce.							

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. **2**
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____

TROU NO. **81**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		150-222- Stringers and threads of quartz and carbonate and epidote are more abundant especially section 160-170.						
		165-167- Irregularly bleached breccia, with some fine pyrite at 166.5-166.9.						
		187-202- Threads of reddish felsite with associated fine sulphides are somewhat more numerous, especially 190.8-193.						
222	245.7	Gradational into medium; medium fine and fine grained dark grey diorite. Occasional threads of quartz and carbonate; no sulphides.						
245.7	271.5	Light greenish andesite, soaked by intruding diorite. Weak shearing. Stringers and threads of qtz and carbonate with occasionally a few associated sulphides.						
		261-261.5- Bleached breccia with quartz & carbonate along a probable slip at 261.5						
71.5	281.5	Light greyish acid andesite.						
281.5	311.4	Greyish to greenish andesite.						
		281.5-283.6- Brecciated, with fragments up to 1/2" in diameter.						
		299.6-304.3- Highly silicified pale greyish, diorite breccia. 8" lost core at 302.7						
		306.1-307.2- Quartz carbonate stringer with some fine sulphides.						
311.4	325.2	Medium even grained dark greenish grey diorite.						
325.2	330.2	Fine grained diorite dyle (may be andesite completely soaked by diorite).						
330.2	369.7	Medium, fairly even grained dark greyish diorite. A few stringers & threads of quartz carbonate and epidote.						

TERRAIN _____ MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1

PROPERTY _____ JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO. _____

PROFONDEUR TOTALE 600'
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 6802.28 DEP. 6192.02

TROU NO. 82
HOLE NO. _____

SECTION _____

dip: 0' - 37°00'
150' - 41°30'
300 - 41°00'
450' - 40°30'
600' - 40°00'

JOURNAL PAR M.M.R.
LOGGED BY _____

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____

COMMENCÉ LE Dec. 27, 1942
DATE BEGUN _____

ORIENTATION 55° 28' W
BEARING _____

TERMINÉ LE Jan. 6, 1942
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0.0	26.7	Casing .	9036	220.7	223	2.3	.01		
26.7	80.6	Medium grained light greenish gray diorite, locally porphy- ritic in character; irregular- ly weakly to faintly bleached; some epidotization; stringers and threads of quartz, carb. and epidote; almost no sulph- ides. Several occurrences of broken up core (probable slips or faults); the most important at 28.0' where 1.8ft. is lost; 32.7;70.0' and 75.0'.	9037 9038 9039 9040 9041 9042 9043 7944 7945 7946 7947	223 225.5 228 230.7 233.2 235.7 238.2 192 195 203.5 206.5	225.5 228 230.7 233.2 235.7 238.2 195 197.5 206.5 209.5	2.5 2.5 2.7 2.5 2.5 2.5 1.3 3.0 2.5 3.0 3.0	Tr Tr .02 .04 .01 Tr Tr Tr Tr Tr .01		
80.6	161.8	Grades into essentially med. coarse, rather uneven grained gray diorite. A few qtz. carb and epidote threads. Locally there are indications of original andesite as follows:-	7950	482.5	483.4	0.9	Tr		

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 82
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		133-136.2- Fine grained; sharp contacts.						
		139-139.5- " " " "						
		145.7-152.3- Essentially fine grained, baked andesite to 149.5' then grading into medium grained, light greyish silicified diorite, which continues to 152.3'						
161.8	162.9	Fault, soft, broken up core.						
162.9	192	More lava like; soaked by intruding diorite.						
192	203.5	Shear zone; talcose and soft to 197.5', then intruded by dykelets of bleached porphyry to 201.0'.						
		201-203.5. Core badly broken up. Probable fault.						
203.5	212.8	Light greyish acid andesite, weakly sheared; some fine sulphides.						
212.8	220.7	Greenish grey, talcy andesite.						
220.7	239.5	Pale greyish rhyolite breccia; locally pseudo-porphyrific; considerable fine sulphides throughout.						
239.5	292.4	Through a 2.5' fine grained contact into medium coarse to coarse, rather uneven grained diorite.						
		259-262- Andesite soaked by diorite. 5" breccia at 262.0'.						
		283.2- Fine grained andesite like contact, grading into medium grained light greenish grey diorite, to 292.1.						
292.4	304	Rhyolite flow.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 3
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 82
HOLE NO. _____

SECTION _____

LAT. _____ DEP. _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		292.4-293.9- Well preserved pillows, up to 2" in diameter, with sharp flow contact at 292.4						
		292.4-295.5- Mottled purplish grey; some fine sulphides.						
		295.5-300- Pale greenish grey; more like acid andesite; a very few sulphides.						
		300-303.6 - Light grey; some sections have abundant whitish inclusions up to 1/5" in diameter.						
304	363.5	303.6-304 - White quartz and cream carbonate stringer. Essentially medium grained greenish grey diorite.						
		346.7-363.5 - Essentially medium grained greenish grey diorite. Faint to weak bleaching, associated with several stringers of qtz and carb.						
		353-354.5 - Ditto. A few sulphides.						
		363.5- Somewhat parallel slip.						
363.5	387	Medium to coarse irregularly grained diorite; generally somewhat silicified; irregularly epidotized; several sections in which whitish feldspars up to 1/5" in diameter are prominent.						
387	399	Light greyish highly silicified diorite, (locally quite rhyolite like) with an irregular abundance of coarse whitish feldspars.						
399	404.6	Light to dark greenish andesite. Stringers & threads of qtz. & carb. 403.1-404.6- Weakly bleached.						

TERRAIN _____
PROPERTY _____MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORDFEUILLE NO. 4
SHEET NO. _____PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 82
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
404.6	425.7	Essentially diorite, though short local andesite like sections. Irregularly abundant whitish feldspars; some weak bleaching. 422.5-423.8- quartz carbonate stringer. 423.8-425- Porphyritic like.						
425.7	427.5	Baked andesite.						
427.5	451	Generally medium grained diorite; stringers & threads of qtz & carb. with sometimes associated bleaching. 440.7-441.5- Andesite. 444.4-445.1- Andesite.						
451	465	Irregular medium to coarse grained diorite. 456-458.8- Finer grained, sheared; probably adjacent to a fault at 455.5-456.						
465	600	Essentially coarse grained fine to coarsely speckled greenish grey diorite. Whitish feldspars very prominent. Occasional stringers & threads of qtz. and carb. 482.5-483.1- Altered; a little green fuchsite, & a few sulphides, adjacent to a 2" quartz carbonate stringer at 483.1'. 490.1-496.3 - Fairly well altered; sheared; some green fuchsite & chlorite. Associated with an irregularly parallel quartz carbonate stringer.						

SENATOR ROUYN LTD.

M.M-68

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

111.6
FEUILLE NO. 2
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 134.0'
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 276°.41N DEP. 1093.00 E

TROU NO. 8 83
HOLE NO. _____

SECTION _____
JOURNAL PAR A.C.L.
LOGGED BY _____

ÉLÉVATION, ORIFICE 4989.86
ELEVATION, COLLAR _____

COMMENCÉ LE Aug. 17, 1943
DATE BEGUN _____

ORIENTATION N 54° 24' E
BEARING _____

TERMINÉ LE Aug. 19, 1943
DATE FINISHED _____

ANGLE 71°-10

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0.0	28	Casing	8141	103	105.8	2.8	.03		
28	31.8	Green diorite cut by carb. stringers slightly bleached	8142	105.8	107.8	2.0	TR		
31.8	34.7	Ground core.	8129	111.3	113.6	2.3	Tr.		
34.7	38.7	Blotchy bleached green diorite barren.	8130	113.6	116	2.4	Tr.		
38.7	41.2	Ground core.							
41.2	42	Oxidized quartz carbonate vein.							
42	43.3	Ground core.							
43.3	44.5	Green schist with quartz carbonate stringers.							
5.6	60	Massive light green diorite cut by occasional qtz. carb. stringers slightly bleached around them.							
60	85	Fine grained massive grey diorite almost unaltered.							
85	98	Fine grained green diorite slightly altered & bleached & cut by occasional narrow oxidized qtz. carb. stringers,							
98	103	Slightly altered fine grained green diorite cut by occasional rusty qtz. carb. stringers,							
103	116	Ore zone.							
103	105.8	Better bleached section, one inch coarse pyrite at 104.5-105.5							
105.8	111.3	Slightly bleached & altered, almost barren.							

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 148.0'
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 1773.43 N DEP 1139.86 E

TROU NO. S 84
HOLE NO.

SECTION _____

JOURNAL PAR A.C.L.
LOGGED BY

ÉLÉVATION, ORIFICE 4989.13
ELEVATION, COLLAR

COMMENCÉ LE Sept. 9, 1943
DATE BEGUN

ORIENTATION 70° -35°
BEARING

TERMINÉ LE Sept. 15, 1943.
DATE FINISHED

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	30.0	Casing.	8209	40	41	1.0 Tr		
30	40	Fine grained grey diorite cut by occasional narrow quartz stringers.	8210 8211 8212	43 50 76.9	44 51.6 78.5	1.0 Tr 1.6 Tr 1.6 Tr .02		
40	41	White & blue qtz vein with some mineralization.	8213 8214	97 101.4	100 105	3.0 Tr 3.6 Tr		
41	43	Fine grained grey diorite.	8215	105	109	4.0 .02		
43	44	Quartz carbonate stringers in chloritic muggy schist.	8216	118	119.5	1.5 Tr		
44	49.5	Grey diorite cut by irregular qtz. stringers, slightly altered.						
49.5	50	Ground core.						
50	51.6	Slightly altered grey diorite cut by longitudinal quartz stringers with streaky pyrite.						
51.6	69	Fine to medium grained massive diorite, last 3' cut by narrow quartz stringers, barren and unaltered.						
69	76.9	Bleached & sheared zone, cut by qtz. carb. stringers at 71.0', barren.						
76.9	80	Diorite cut by 1" qtz. stringers with alteration around them and some mineral.						
80	89	Mottled green diorite fairly massive.						
89	97	Finegrained grey diorite with some faint alteration.						
100	97	Somewhat altered in streaks with coarse streaky pyrite.						

M-11-68

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. L
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 140'
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. S 85
HOLE NO.

SECTION _____

LAT. 2865.23 DEP. 1004.64

JOURNAL PAR A.C.L.
LOGGED BY

ÉLÉVATION, ORIFICE 4989.76
ELEVATION, COLLAR

COMMENCÉ LE Sept. 16, 1943
DATE BEGUN

ORIENTATION Vertical
BEARING

TERMINÉ LE Sept. 21, 1943
DATE FINISHED

ANGLE Vertical

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	42	Casing.	8219	51	53.2	2.2	.24	
42	53	Coarse altered diorite, well fractured & cut by qtz. str.	8220	101.5	104.5	3.0	Tr	
		& in places somewhat brecciated. 52'-qtz carb. with fuchsit	8221	111	113.5	2.5	Tr	
			8222	113.5	116	2.5	Tr	
			8232	116	120	4.0	Tr	
53	60	Coarse green altered diorite.	8233	124.9	128	3.1	.04	
60	62.5	Fine grained grey diorite.						
62.5	79.5	Fine grained green diorite, bleached from 62.5' to 65' & cut by qtz. stringers at 65' 70', and 79'; one foot ground core 76' - 77'.						
79.5	81	Ground core.						
81	112	Medium grained green to grey diorite slightly altered but massive. 6" qtz at 84'. 101.0 to 103.0 fracture filled with pyrite running with the core.						
112	116	Medium grained altered diorite chloritized & slightly sheared, scattered coarse pyrite.						
116	120	Grey fine grained grey diorite faintly bleached and carrying scattered grains pyrite.						
120	124.9	Green, fine grained diorite slightly chloritized, almost barren.						
124.9	128	Chloritized fine grained diorite, massive but cut by occasional tiny quartz stringers. almost along core carrying a little pyrite.						
128	140	Fine grained diorite, slightly chloritized & altered, but otherwise massive.						
	140.0'	END OF HOLE.						

M-4-68

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. L
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 254'
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 64°01' N DEP. 3371 E

TROU NO. 5 86
HOLE NO. _____

SECTION _____
JOURNAL PAR A.C.L.
LOGGED BY _____

ÉLÉVATION, ORIFICE N 10° E
ELEVATION, COLLAR _____

COMMENCÉ LE Nov. 9, 1943
DATE BEGUN _____

ORIENTATION 30°
BEARING _____

TERMINÉ LE Nov. 13, 1943
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	16	Casing.						
16	37	Coarse grained hard diorite with a fair proportion of carb., bleached but massive.						
37	60	Fine grained massive diorite.						
60	77	Medium grained massive diorite with a few rusty fractures & slips at 61-61.5 and 77.						
77	131	Medium coarse grained massive diorite. Rusty fractures & slips at 110.5 and 118.						
131	145	Fine grained diorite with some coarse grained inclusions which are full of epidote. Some of these fractured and cut by quartz carbonate.						
145	154	Coarser grained spotty bleached gray diorite with some chloritization.						
154	168	Fine grained diorite (fractured) cut by epidote stringers & some flat qtz stringers along slips almost parallel to dip of the hole. Some phases coarser.						
168	175	Dark grey fine grained diorite with some shearing & in places many narrow qtz. stringers. Qtz. carbonate at 170.5 and 171.						
175	182	Fine to medium grained diorite cut by epidote stringers.						
182	200	Coarse spotty diorite with much epidote.						
200	202	Medium grained diorite chloritized but massive.						
202	216	Slightly coarser with a little shearing at 213.5 and 216.						
216	222.5	Medium grained massive diorite.						
222.5	247	Soft carbonatized fine grained diorite fairly massive & barren except 240 to 241 which is sheared & contains qtz stringers but no mineral.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 350'
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 5220 N DEP. 4730 E

TROU NO. S 87
HOLE NO. _____

SECTION _____

JOURNAL PAR A.C.L.
LOGGED BY _____

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____

COMMENCÉ LE Nov. 14, 1943
DATE BEGUN _____

ORIENTATION N 0°
BEARING _____

TERMINÉ LE Nov. 22, 1943
DATE FINISHED _____

ANGLE 45°

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	5	Casing						
5	40	Fine grained chloritized diorite cut by many epidote stringers up to 6" wide, occasional 1/2" streaks coarse pyrite.	8493 8494	103.3 227.3	105.5 231	2.2 3.7	Tr Tr.	
40	63.5	Finer grained dark grey diorite, massive.						
63.5	70.9	Brick red syenite dike with 6" stringer of epidote on south wall.						
70.9	90	Fine grained grey diorite slightly altered, fine white flecks of leucoxene & calcite scattered throughout.						
90	96	Dark grey fine grained diorite, massive.						
96	103.3	Lighter grey fractured and slightly bleached diorite. Fractures at 10° to core, many filled with quartz and epidote.						
103.3	105.5	Epidote & quartz at 10° to 20° to core but cut by threads of qtz at at 70° to core. Heavy pyrite in bunches on south contact.						
105.5	115	Grey fine grained diorite, well fractured, but some narrow epidote stringers, occasionally a little pyrite.						
115	122	Hard fine grained diorite well fractured and broken up but barren.						
122	137	Grey slightly altered diorite well fractured & broken but barren.						
137	147	Massive grey diorite with large flecks of leucoxene, some epidote stringers.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

8 87

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____

TROU NO. _____
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
147	163	Grey altered diorite well fractured, some sections but barren.						
163	184	Grey altered diorite with leucoxene flecks & some mauve or red flecks. Epidote stringers.						
184	198	Fine grey diorite with bands of medium coarse diorite irregularly distributed.						
198	202	Light grey fine grained diorite.						
202	215	Medium grained chloritized & slightly bleached diorite, fractured. Fractures filled with reddish jasperoid and hemotite.						
215	226	Fine grained grey-green diorite with leucoxene flecks, but by occasional 1" qtz. stringers. A little chloritization.						
226	232	Grey diorite well fractured and fairly well bleached. Cut by quartz carbonate stringers and some hemotite. Mineralized 227.3-231. with pyrite seams & a little chalcop-						(pyrite.
232	234.8	Fine grained diorite with leucoxene.						
234	276	Irregularly coarser diorite cut by qtz stringers & hemotite fractures, some epidote						(stringers
276	287	Finer grey green diorite cut by many epidote stringers.						
287	290	Fine grained grey diorite well fractured at 70° to core.						
290	307	Medium grained diorite, fairly uniform & massive.						
307	313	Fine hard dark grey diorite.						
313	348	Irregular, fine to medium grained diorite, fairly well fractured. Some epidote stringers.						
345	350	Medium grained uniform diorite .						
	350.0	END OF HOLE.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

3 88

PROFONDEUR TOTALE 600'
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 6001 N DEP. 5630 E

TROU NO. _____
HOLE NO.

SECTION _____

JOURNAL PAR A.C.L.
LOGGED BY

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

COMMENCÉ LE Nov. 23, 1943
DATE BEGUN

ORIENTATION N 38° E
BEARING

TERMINÉ LE Nov. 30, 1943
DATE FINISHED

ANGLE 45° 30

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	6.0	Casing.	8542	570	572.7	2.7	Tr	
6	20	Well fractured and sheared fine grained diorite cut by	8543	577.5	580	2.5	Tr	
		many small quartz stringers accompanied by a little bleaching, otherwise barren.	8544	580	582.5	2.5	Tr	
20	41	Fine to medium grained massive diorite, yellowish green in color.						
41	46	Fine grained grey diorite, well fractured and cut by narrow quartz stringers, slightly altered but barren.						
46	63	Fine to medium grained, yellowish green diorite, fairly massive.						
63	80	Fine grained light grey diorite well fractured.						
80	83	Fine grained light grey & green diorite sheared & brecciated, filled with quartz but poorly mineralized.						
83	99	Fine grained dark grey & green diorite, fairly massive but slightly chloritized, 2 inches quartz at 98.5'.						
99	147	Massive fine grained green diorite.						
147	167	Fine grained green diorite with a few qtz filled fractured at low angles to the core, some with hematite.						
167	218	Fine grained massive green diorite becoming coarser.						
218	230	Fine grained grey diorite. Well fractured & cut by threads of qtz with alteration & a little pyrite, some coarser diorite inclusions.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

s 88

PROFONDEUR TOTALE _____
TOTAL DEPTH

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR

TROU NO. _____
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR

COMMENCÉ LE _____
DATE BEGUN

ORIENTATION _____
BEARING

TERMINÉ LE _____
DATE FINISHED

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
230	234	Medium grained massive diorite.						
234	236.5	Fine grained grey diorite, well fractured & cut by small qtz stringers.						
236.5	247	Fine to medium grained, massive.						
247	251	Fine grained grey diorite, cut by qtz carb. stringers, somewhat bleached.						
		249.5-250 broken up core with mud, may be a fault.						
251	260	Coarser grained diorite with epidote.						
260	318	Fine grained massive diorite becoming coarser.						
318	325	Medium grained diorite with narrow fine grained inclusion well fractured.						
325	395	Medium grained massive green diorite. From 382-395 fairly numerous qtz & epidote, stringers at low angles to core.						
395	406	Finer grained fractured & slightly chloritized.						
406	446	Medium to fine grained diorite massive & almost unaltered.						
446	456	Cut by qtz & epidote stringers, some almost along core. At 456', 6" qtz & epidote,						
456	476	Fine grained slightly bleached diorite with coarser phases cut by narrow (vertical) qtz carbonate stringers.						
476	491	Medium grained massive diorite with finer grained sections, chloritized.						
491	520	Medium grained massive diorite fractured & cut by many narrow epidote stringers, some quartz especially at 492.0'.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 618.0'
TOTAL DEPTH _____COORDONNÉES ORIFICE
CO-ORDINATES COLLARTROU NO. S - 89
HOLE NO. _____

SECTION _____

LAT. 2020.58N DEP. 1578.38 EJOURNAL PAR A.C.L.
LOGGED BY _____ÉLÉVATION, ORIFICE 5000.00
ELEVATION, COLLAR _____COMMENCÉ LE June 5, 1944.
DATE BEGUN _____ORIENTATION S 37 25 W
BEARING Collar: -320TERMINÉ LE June 14, 1944
DATE FINISHED _____ANGLE 250' - 34030' -- 500' 0 370

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	5.0	Casing.	13677	175	177.5	.25	.10	
5.0	45	Grey blue fine grained dio- ritecut by fairly frequent qtz strs, diorite all faintly chloritized & altered.	13678 13679 13680 13681	177.5 180 183 189	180 183 191.5 194	2.5 3.0 2.5 2.5	Tr Tr Tr Tr	
45	48	More chloritized & fractured with scattered pyrite & in places well mineralized.	13682 13663 13664	199 45 167	201 47 169	3.0 2.0 2.0	.03 Tr Tr	
48	95	Bluish fine grained diorite with faint alteration. Feld- spars have a bluish tinge & rounded appearance. Ferro- magnesiens & chlorite in clusters. Frequent fractures & minor slips, occasional narrow quartz stringers.	13683 13684 13685 13686 13687 13688 13689	389 426 430 432.5 435 437.5 446	393 430 432.5 435 437.5 440 447.5	4.0 4.0 2.5 2.5 2.5 2.5 1.5	Tr .02 .07 .09 .02 .04 Tr	
95	100	Finer grained massive grey diorite with occasional bleached sections, 95 to 95.5 and						
100	110	Slightly coarser to medium grained.						(99 to 99.3.
110	117	Very fine grained bluish diorite, massive but frequently fractured.						
117	129	Slightly coarser grained grey diorite.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE NO. 2
SHEET NO.PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 8 89
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
129	130	Fragments or inclusions of rhyolite.						
130	143	Fine to medium grained grey & light green diorite.						
143	148	Light green diorite finer grained & cut by some epidote stringers with some bleaching.						
148	167	Light green fine grained, fairly massive diorite.						
157	169	Slightly sheared & bleached with a little scattered pyrite.						
169	175	Fine grained grey diorite, slightly bleached, a little pyrite occasionally.						
175	183	Same, better mineralized with fine to medium grained pyrite.						
183	189	Fine grained diorite with suggestion of pillows whose outlines are mineralized.						
189	207	The same, better mineralized - best streaks are 189-194, with some qtz stringers.						
207	212	Dark chloritized diorite with suggestion of pillows whose outlines are mineralized.						
212	225	Very fine grained diorite with light & dark blotchy appearance, possibly due to rhyolite.						
225	264	Dark green fine grained diorite cut by many irregular greenish yellow epidote stringers - some with quartz. (-olite inclusions)						
264	266	Fine grained andesite dike.						
266	285	Massive grained green diorite.						
285	285.5	Barren quartz.						
285.5	292	Medium grained green diorite.						
292	305	Fine grained diorite, massive.						
305	308	Medium grained, slightly sheared. Cut by 3" ladder quartz stringers at 305.0'.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 3
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

3 - 89

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. _____
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
308	320	More massive but cut by more quartz stringers, & as ladder structure with stringers normal to vein alteration.						
320	356	Medium grained massive diorite with ophitic structure, 6" qtz. stringers with coarse blebs chalcopyrite at 332.0'.						
356	385	Medium to coarse grained diorite cut by many fractures & qtz epidote stringers.						
385	397	Diorite cut by several 2 - 4" qtz stringers with accompanying silicifications and bleaching & some mineral. Leucoxene developed. Bleb of chalcopyrite at 385.0'.						
397	415	Slightly chloritized medium grained diorite cut by occasional qtz. stringers. Leucoxene alteration.						
415	426	Medium grained diorite slightly sheared & cut by frequent qtz stringers up to one foot wide with accompanying bleaching, barren.						
426	430	Well bleached diorite cut by numerous qtz str. up to 6" wide. Scattered coarse pyrite.						
430	439	Mostly quartz with a little carb. and schist inclusions, irregular coarse pyrite mineralization, in places fairly well distributed.						
439	443	Fine grained diorite, slightly bleached & cut by some qtz. carb. stringers.						
443	447.5	Lost core (dropped on hole and ground up).						
447.5	468	Slightly altered coarse to medium grained diorite.						
468	503	Coarse, lighter colored diorite, large porortion of feldspar.						
503	505	Chloritic fracturing with a little quartz running at about 10° to core.						
505	510	Medium grained massive diorite, light colored.						

TERRAIN _____ MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 5

PROPERTY _____ JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO. _____

PROFONDEUR TOTALE 1242.0'
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. S- 89
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR 850' - 33°

COMMENCÉ LE Oct. 23, 1944
DATE BEGUN _____

ORIENTATION 1100' - 36°
BEARING _____

TERMINÉ LE Nov. 9, 1944
DATE FINISHED _____

ANGLE _____

Deepened from 7 618.0' to 1,242.0'.

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
618	653	Light colored medium grained	15815	825	826	2.0	.04	
		qtz. diorite with chloritized	15879	865	869	4.0	Tr	
		hornblendes in a light colo-	15880	869	873	4.0	Tr	
		red ground mass of qtz. &	15881	873	877	4.0	Tr	
		feldspar. Massive to 645.0'	15882	947	949.5	2.5	Tr	
		but fractured and cut by qtz	15883	949.5	952	2.5	Tr	
		stringers 645 to 648.0'.	15884	952	954.4	2.5	Tr	
653	670	Massive medium grained diorite.						
670	679	Fairly well silicified and cut by qtz stringers from						45° to 80° to core, mostly quartz
		from 672.0' to 675.0', barren.						
679	767	Medium to fairly fine grained massive diorite.						
767	774	Weakly sheared at 60° to core & cut by very narrow qtz stringers with silicification						
		along the shearing.						
774	809	Massive fine to medium grained diorite.						
809	811	Slightly silicified & cut by qtz stringers at 40° to 80° to core.						
811	825	Med. grained diorite massive although cut by frequent narrow qtz str. 45° to core.						
825	826	Silicified & cut by qtz stringers 45° to 80° to core. Slightly mineral'z. with coarse						(pyrite)
826	831	Slightly chloritized & cut by occasional qtz stringers at 45° to core.						
831	853	Fine to medium grained massive diorite.						
853	857	Massive diorite, slightly silicified & altered, barren.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. _____
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S - 39
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
857	865	Sheared at 60° to 70° to core & cut by qtz carb. stringers, fairly soft, 6" qtz. slightly mineralized at 862.5'						
865	877	Sheared at 70° to core & cut by numerous narrow qtz stringers with some silicification.						
877	891	Fairly massive fine grained diorite.						
891	941	Medium grained diorite. From 918-941- numerous slips 40° to 60° to core.						
941	947	Sheared at 40° to 45° to core, fairly soft, shattered, and some mud from 941.5'-942.0'.						
947	949.5	Heavily chloritized & altered but poorly mineralized.						
949.5	954.5	Well silicified & cut by numerous qtz. str. at 40° to core, with irregular heavy pyrite						
954.5	958	Fractured & slightly sheared @ 40° to core, cut by some irreg. qtz. str. (in streaks.						
958	987	Very fine grained grey diorite cut by numerous threads of qtz & epidote at 20°-60° to						
987	993	Very fine grained diorite cut by numerous fractures 60° to 70° to core. (core.						
993	1010	The same, slightly sheared at 45° to core & fairly soft.						
1010	1011	Quartz.						
1011	1019	Softer & cut by numerous qtz. carb. stringers at 45° to core.						
1019	1025	Hard grey diorite with rounded inclusions which look like spherulites.						
1025	1028	Lost core.						
1028	1032	Fairly hard fine grained diorite, fairly massive but with fine leucoxene.						
1032	1038	Same, slightly sheared at 60° to core, cut by occasional qtz. str. up to 2", and with some soft serpentized sections.						
1038	1059	Fine grained grey diorite, hard numerous round inclusions which look like small spherulites.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. L
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 637.0'
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. S - 90
HOLE NO.

SECTION _____

LAT. 2504.09 N DEP. 1100.89 E

JOURNAL PAR A.C.L.
LOGGED BY

ÉLÉVATION, ORIFICE 5017.00
ELEVATION, COLLAR

COMMENCÉ LE June 17, 1944
DATE BEGUN

ORIENTATION S 48 05 W
BEARING

TERMINÉ LE June 28, 1944
DATE FINISHED

ANGLE 250' - 42°
500' - 38°

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0.0	20	Casing.	13722	128	130	2.0	.02		
20	87	Medium grained massive diorite cut by occasional narrow quartz stringers with epidote	13792	401.2	404.2	3.0	.03		
			13793	404.2	406.7	2.5	.01		
			13738	563	564	1.0	Tr		
87	100	Coarse massive diorite.	13737	543.7	546.2	2.5	.01		
100	127	Medium grained massive dior.	13739	573.5	576	2.5	Tr		
127	131	Cut by silicified bands and qtz. stringers with pink feldspar, some streaks fairly heavy pyrite.	13740	576	578.5	2.5	Tr	At 129.0' several (slips	
131	135	Fine medium grained massive diorite.							
135	157	Fine grained diorite cut by numerous threads of epidote fractured almost along the core, red oxidized hematite slips.							
157	163	Fine grained purplish dike with shady embryo crystals probably feldspar porphyry, slightly mineralized with scattered pyrite.							
163	193	Fine grained massive diorite cut by fine networks of epidote stringers.							
193-200		Very fine grained grey diorite.							
200	235	Fine grained green diorite cut by qtz carb. & epidote stringers.							
235	250	Slightly sheared & in places fairly soft carbonatized & chloritized diorite, slightly bleached and cut by numerous carbonate stringers.							
250	270	Fairly massive fine to medium grained diorite cut by a few narrow carb & qtz stringers.							
270	280	Fractured & silicified fairly extensively with attendant bleaching, but barren.							

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S -90
HOLE NO. _____

SECTION _____

LAT. _____ DEP. _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
280	287	Sheared fine grained diorite cut by some qtz. carb. stringers up to 1½", barren.						
287	293	Fine grained green diorite cut by numerous narrow qtz stringers.						
293	303	Very fine grey diorite or andesite cut by some narrow qtz stringers.						
303	310	Fine grained green diorite, fairly massive, but cut by a few qtz stringers.						
310	387	Fine to medium grained massive green diorite. One foot andesite dike. 369 - 370.						
387	390	Medium grained diorite, slightly chloritized with occasional poorly bleached bands.						
390	401.2	Fine grained diorite, sheared & chloritized, much development of leucoxene.						
401.2	404.2	Somewhat sheared & silicified, cut by some epidote stringers. Streaky pyrite with the quartz in small amounts.						
404.2	406.7	Dark & light mottled coarse diorite, slightly sheared & cut by two 10" silicious bands with fairly good fine mineralization.						
406.7	414	Dark chloritized diorite, silicified in places but barren. Leucoxene development.						
414	420	Sheared dark chloritized diorite, cut by narrow qtz. carb. stringers. Barren.						
420	428	Massive fine grained green diorite, 10" barren quartz at 423.0'.						
428	430.5	Barren quartz with dark chlorite inclusions.						
430.5	442	Fine to medium grained diorite, somewhat fractured.						
442	460	Fine grained chloritized diorite cut by frequent narrow qtz carb. stringers.						
460	478	Chloritized medium grained diorite cut by some epidote fractures and stringers.						
478	497	Chloritized fine grained diorite, sheared in places and cut by occasional quartz carbonate stringers.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 3
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE
CO-ORDINATES COLLARTROU NO. 8 - 90
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE
ELEVATION, COLLARCOMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
497	500	Massive light green diorite.						
500	515	Dark chloritized diorite cut by epidote stringers, slightly sheared in places.						
515	530	Dark medium grained diorite, more massive but cut by occasional narrow epidote stringers.						
530	543.7	Dark chloritized diorite, fractured and cut by epidote stringers.						
543.7	546.2	Dark chloritized diorite cut by qtz stringers with some coarse chalcopyrite.						
546.2	560	Dark chloritized diorite cut by very narrow qtz, stringers with fine leucoxene alteration.						
560	563	Fine grained grey diorite, cut by qtz carb. stringers, slightly sheared.						
563	564	Cut by qtz carb. stringers, some well mineralized with fine pyrite.						
564	568	Fine grained dark chloritized diorite, somewhat sheared.						
568	573.5	Light green rock with yellow & white bands, fairly well sheared at 40°- 50° to core. Cut by some quartz stringers.						
573.5	578.5	Same rock cut by qtz carb. stringers, poorly mineralized with scattered pyrite.						
578.5	585	Fine grained grey diorite, fairly well silicified & cut by qtz stringers, but barren.						
585	597	Dark green massive diorite, fine grained development of fine leucoxene.						
597	603	Lighter green fine grained massive diorite.						
603	610	Fine grained massive rock with purplish hue & some brownish spots, washed chloritic groundmass maybe feldspar porphyry.						
610	625	Fine grained massive green diorite ½" mud at 612' at 90° to core, does not look like slip.						
625	637	Light green fine grained diorite with development of fine leucoxene.						
637.0'		END OF HOLE.						

TERRAIN _____
PROPERTY _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE NO. _____
SHEET NO. _____

PROFONDEUR TOTALE 671.0'
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 2112.35N DEP 1255.31 E

TROU NO. S - 91
HOLE NO. _____

SECTION _____
JOURNAL PAR A.C. Lee
LOGGED BY _____

ÉLEVATION, ORIFICE 5,001.0'
ELEVATION, COLLAR _____

COMMENCÉ LE Nov. 10, 1944
DATE BEGUN _____

ORIENTATION S 37°-04'
BEARING 0.0' - 32° 16'

TERMINÉ LE Dec. 2, 1944
DATE FINISHED _____

ANGLE 250 - 35°
500 - 31°

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0.0	31	Casing	16927	125	127.5	2.5	Tr		
31	32	Grey granite, coarse grained, low quartz.	16228 16929	130 168	133 170.5	3.0 2.5	Tr Tr		
32	72	Fine grained diorite, massive although cut by some fract- ures and minor slips.	16930 16931 16608	188 454 490	191.5 455 492	3.5 2.0 2.0	Tr .04 Tr		
72	73	Cut by some narrow qtz str. at 70° to core. slight blea- ching.	16609 16610 16611	492 494 487.5	494 497.5 501	2.0 3.5 3.5	.01 Tr Tr		
73	125	Fine grained massive diorite, 6" rusty oxidized slips with gauge at 113.5'.	16612 16613 16614	501 504 507	504 507 510	3.0 3.0 3.0	.01 Tr .01		
125	127.5	Same with rounded inclusions (pillow outlined).	16615 16616	510 514	512.5 516.5	2.5 2.5	.01 .01		
127.5	191.5	Broken zone- mineralized with fine pyrite, 127.5-130- Same, poorly mineralized, cut by red oxidized slips at 45° to 90° to core.	16617 16618 16619 16603 16604 16605	516.5 519 522 525 527.5 530 530	519 522 525 527.5 530 532.5	2.5 3.0 3.0 2.5 2.5 2.5	.01 tr .01 .01 Tr Tr		

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____

TROU NO. S-91
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
		130-133- Same with pyrite.	16606	532.5	536	3.5	Tr		
		133-150- Massive fine grained diorite cut by some mineral- ized rusty oxidized slips 0° to 70° to core and some narrow silicious bands conatining fine pyrite.	16607	536	540	4.0	Tr		
		150- 168- Slightly chloritized diorite cut by frequent slips 40° to core and some rusty oxidized slips at 10°, blacky ground. A little mud at 160.0'.							
168	170.5	The same with fine pyrite.							
		170.5-188- Softer, and cut by frequent slips, some oxidized at 20° to 45° to core.							
		188-191.5- Broken & mineralized fine pyrite.							
191.5	202	Fine grained massive diorite.							
202	204	Slightly altered diorite, cut by rusty seams up to 1/2", 40° to core.							
204	210	Massive fine grained diorite.							
210	217	Diorite with coarse light colored feldspar aggregates, cut by rusty fractures at 211.0' and at 215.0', 1/2" wide.							
2117	257	Massive fine grained diorite with dark angular and rounded spots up to 1/4" diameter. Fractures 0° to 45° to core from 235.0' on to 252.0'.							
257	303	Larger black spots up to 1/2 inch, sometimes accompanied by light grey rounded spots, also which look like fragments.							

TERRAIN _____
PROPERTY _____MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORDFEUILLE NO. 3
SHEET NO. _____PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 8-90
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
303	312	Fine grained massive diorite with small black & red spots occasionally, cut by frequent fractures 20° 45° to core.						
312	330	Fine grained massive diorite.						
330	335	Slightly bleached and cut by occasional stringers (quartz) 20° to 45° to core, four inches quartz at 330.0'.						
335	348	Faintly bleached & well fractured 45° to 90° to core, some fractures slightly oxidized.						
348	383	Fine to medium grained massive diorite.						
383	387	Slightly fractured & cut by epidote qtz stringers, accompanied by a little bleaching.						
387	419	Fine & medium massive grained diorite.						
419	424	Coarse breccia healed with quartz cutting core at 20°.						
424	454	Fine grained massive diorite.						
454	455	White quartz with chlorite & some medium grained pyrite.						
455	470	Fine grained massive diorite.						
470	477	Medium grained diorite with light colored feldspars.						
477	480	Sheared at 10° to 20° to core and cut by quartz stringers.						
480	490	Fine grained massive diorite.						
490	492	Slightly sheared at 20° to core.						
492	494	Quartz with streaky coarse pyrite, 20° to core.						
494	501	Slightly sheared & cut by occasional quartz albite stringers at 20° to core, a little bleaching and streaky pyrite.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. _____
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S - 91
HOLE NO. _____

SECTION _____

LAT. _____ DEP. _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
501	504	Base. cut by numerous qtz str. at 10° to 60° to core, irregularly mineralized with medium grained pyrite, bleached.						
504	507	Sheared diorite, 45° to core.						
507	512.5	Well sheared & bleached at 45° to core, cut by many irregular qtz stringers with a little medium grained pyrite.						
512.5	514	Ground core.						
514	525	Well sheared & bleached with some streaky pyrite. Lost 9", barren quartz.						
525	531	Sheared at 45° to core & cut by numerous qtz. carb. str. with bleaching & streaks of coarse pyrite.						
531	532.5	Mostly qtz. and carb, well bleached schist, poorly mineralized.						
532.5	536	Darker chlorite schist cut by numerous qtz carb stringers 0° to 10° to core with some heavy streaks of coarse pyrite.						
536	550	Chlorite schist, crushed, a few qtz, carb. str. & irreg. distributed heavy coarse pyrite.						
		492-550- Altered & sheared zone.						
550	671	Massive diorite.						
		550-562- Fine grained.						
		562-600- Coarse grained. At 588- 4" qtz. with chalcopryrite at 60° to core.						
		600-638- Medium grained. At 618 six inches qtz in two feet weak shear 60° to core.						
		632-633- irregular quartz with chlorite.						
		638-671- Fine grained 638.5-639- quartz with chlorite.						
	671.0'	END OF HOLE						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

8-93

PROFONDEUR TOTALE 662'
TOTAL DEPTH _____COORDONNÉES ORIFICE
CO-ORDINATES COLLARTROU NO. _____
HOLE NO. _____

SECTION _____

LAT. 49°25' N DEP. 2,531 EJOURNAL PAR A.C. Lee
LOGGED BY _____ÉLÉVATION, ORIFICE 4,996.6
ELEVATION, COLLAR _____COMMENCÉ LE April 16, 1945
DATE BEGUN _____ORIENTATION S-26 - 30W
BEARING _____TERMINÉ LE May 2, 1945
DATE FINISHED _____ANGLE 0.0: - 45° - 300.0: - 38° - 600.0: - 38°

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	56	Casing.	17301	455.5	458.5	3.0	.09	
56	128	Rhyolite						
		56-80-Heavily chloritized & soft, weakly sheared at 60° to core, occasional angular						
		90-128- Numerous blotchy white fragments, some brecciated,						(fragments.)
128	239	Diorite, fine grained massive.						
		128-135- Fairly soft, slightly chloritized.						
		185-239- Rhyolite inclusion some white angular fragments.						
239	270	Andesite, massive; 1/2" clay gauge at 262, and slips 262 to 264, 267 - 268.						
270	327	Diorite, fine grained massive.						
		308-312- Low shear 45° to core.						
		314-321- Weak shear & slight rusty oxidation.						
327	450	Medium grained massive diorite, feathery hornble and some fine grained phases.						
450	471	Slightly chloritized, development of leucoxene.						
		455.5-458.5- Slightly silicified & bleached, 4" rusty & oxidized, slightly mineralized						
		with fine pyrite.						
471	503	Medium grained massive diorite.						
		500-503- Slightly chloritized and cut by a few quartz stringers.						
503	519	Fine grained massive diorite.						
519	538.5	Soft chloritized diorite with leucoxene. Slips at 521, 522, 523 and 524. (oxidized),						
		526, to 528, 532 - 534, 537 to 538.5. 536-537. Lost core.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 650'
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 5,293 N DEP 2,712 E

TROU NO. S -94
HOLE NO. _____

SECTION _____

JOURNAL PAR A.C. Lee
LOGGED BY _____

ÉLÉVATION, ORIFICE 5,006.7
ELEVATION, COLLAR _____

COMMENCÉ LE May 4, 1945
DATE BEGUN _____

ORIENTATION 0.0: -44° - 300.0: 46° 30' - 600.0: - 41°

TERMINÉ LE May 16, 1945
DATE FINISHED _____

ORIENTATION
BEARING
ANGLE S 26 - 30 W

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	15	Casing	17312	225	227.5	2.5	.01	
15	45	Fine grained massive diorite.	17313	236.5	239	2.5	.01	
45	57	Med. grained massive diorite.	17314	252.9	255	2.1	Tr	
57	97	Slightly chloritized with development of leucoxene.	17315	272.5	275	2.5	Tr	
		72-76- Slightly bleached 4" qtz. at 72.0'.	17320	322.5	326	3.5	.02	
97	103	Fine grained massive diorite.						
103	123	Slightly sheared & chloritized with threads and stringers.						much fracturing & cut by many epidote & feldspar
123	130	Broken up core cut by numerous slips at 30° to 60° to core.						6" qtz. brecciated at 128.0'
130	222	Slightly chloritized & fairly well fractured						& a few slips, cut by fairly frequent (threads of epidote.
222	416	Grey rhyolite, first foot fractured.						
		230-237- Diorite.						
		240-243- Fine grained diorite.						
		262-270- Medium grained diorite.						
		Lost core: 246-247.5; 252-253; 256-257; 261-262.						
		296-305 - Med. grained diorite cut by some slips at 45°.						
		316-326- Scattered pyrite in fractures & aggregates.						
		326-378- Darker & slightly sheared occassionally marks at 40°, at 337', 2" rusty seams nearly massive pyrite, 348 and 362.0'						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

8 - 94

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. _____
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		378-384- Fairly well sheared	450	to	600.			
		385-416- Well sheared & rusty oxidized 1" clay slip at 387.0'. Lost core: 392-393; 397-398; 408-409:						
416	476.5	Diorite, chloritized, fine grained.						
		416-427- Cut by frequent soft slips	400	to	600	to	core.	
		427-442- Fine grained, massive, cut by occasional slips, especially 440-442.0'.						
		442-476.5- Fine to medium grey diorite with appearance of spherulitic lava, slightly sheared, 450-460; 465-475; 450 to core.						
476.5	566	Rhyolite, dark grey.						
		476.5-478- Slightly sheared at 60° to core with few streaks of pyrite.						
		480-482- Diorite.						
		485-487- Diorite.						
497	504	497-504- Brecciated rhyolite.						
		510-536- Brecciated rhyolite, lighter grey.						
		536-550- Dark grey.						
		550-566- Brecciated.						
566	650	Diorite, fine grained dark green, massive.						
		588-606- Cut by numerous barren qtz stringers & vein	100	to	900	to	core.	
	650.0'	END OF HOLE.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 605'
TOTAL DEPTH _____
SECTION _____
JOURNAL PAR A.C. Lee
LOGGED BY _____
COMMENCÉ LE May 17, 1945
DATE BEGUN _____
TERMINÉ LE May 25, 1945.
DATE FINISHED _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 2930 E DEP 5728 N
ÉLÉVATION, ORIFICE 4989.8
ELEVATION, COLLAR _____
ORIENTATION S 26 - 30W
BEARING _____
ANGLE 0.0: - 40°, 300.0: - 30°, 600.0: - 280

TROU NO. 8 95
HOLE NO. _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	10.0	Casing.	17359	226.6	230	3.4	Tr	
10	157	Fine grained massive diorite, dark green some fractures.	17360 17361	360 364	363 367	3.0 3.0	Tr Tr	
		73-139- Med. grained, a little alteration 81-95.0'.	17916 17917	595.9 568.2	568.2 572.1	2.3 3.9	Tr .01	
		139-157- Same, cut by occas- ional andesite dike.	17918 17919	572.1 575.6	575.6 578.6	3.5 3.0	Tr Tr.	
157	160	Slightly sheared at 70° with some qtz and a little alteration.						
160	215	Diorite, massive, medium grained, black-hornblendes. 160-166- Medium grained black hornblendes. 166-170- Slightly sheared & slightly altered, barren. 181-182- Slightly altered.						
215	226.6	Fine grained, cut by occasional qtz carb stringers.						
226.6	230	Cut by several qtz strs, & somewhat silicified & bleached, a few streaks of fine pyrite						(at start of sample.
230	245	Slightly altered with development of leucoxene.						
245	348	Massive, medium grained diorite, very dark hornblendes. 296-298- Very slight shear at 70° with shloritization. 334-337- Andesite dike.						
348	398.9	Altered zone, chloritized & development of leucoxene, fairly massive.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S - 95
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		360-363- Slightly silicified & chloritized with a 1" bluish red qtz stringer at 360.5'.						
		A little scattered fine pyrite, and some fuchsite.						
		363-364- Fault, clean greenish sand, little rust.						
		364-367- Same as last but less silicification and pyrite.						
		375-377- Very slight shearing at 90° and a little silicification.						
398	55.5	Diorite, fine grained, fairly massive but frequent fractures.						
		459.5-460- Barren quartz, 45°.						
		505-507- Slightly altered.						
		523-547- Very fine grained diorite, grey.						
		547-557.5- Medium grained and slightly silicified light in colour.						
557.5	559	Andesite dike.						
559	582	Altered zone, chloritized.						
		565.9-568.2- Sheared at 45°, poorly bleached & almost barren. At 565.9' is oxidized						(slips.
		568.2-572.1- Oxidized & rusty. Several heavy slips throughout this length, some quartz stringers and coarse pyrite.						
		572.1-575.6- Well silicified & cut by qtz strs, tourmaline & carbonate scattered fine to medium grained pyrite.						
582	605	Dark, slightly altered diorite, fine grained, a little bleaching occasionally.						
	605.0'	END OF HOLE.						

SENATOR ROUYN LTD.

M.M.58

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

111.6

FEUILLE NO. 1
SHEET NO

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 662'
TOTAL DEPTH _____
SECTION _____
JOURNAL PAR A.C. Lee
LOGGED BY _____
COMMENCÉ LE May 28, 1945
DATE BEGUN _____
TERMINÉ LE June 7, 1945
DATE FINISHED _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 6175 N DEP 3152 E
ÉLÉVATION, ORIFICE 5005.0
ELEVATION, COLLAR _____
ORIENTATION S 26 - 30W
BEARING _____
ANGLE 0: - 40°, 300: - 40°, 600: - 35°

TROU NO. _____
HOLE NO. S 96

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	10	Casing.						
10	66	Fine grained massive diorite.						
		41-43- Medium grained.						
66	105	Rhyolite with intrusions of diorite especially at the start, dark grey to almost white.						
105	318	Diorite, fairly massive and fine grained.						
		121-122- Bleached breccia.						
		146-160- Very fine grained.						
		200-230- Fractured & cut by hematite slips at 70° to core & in part med. gr. with dark						
		206-207.5- Soft fault zone 70° to core. (hornblendes.)						
		307-312- Cut by frequent oxidized hematite slips at 20° to 80° to core.						
318	328	Altered, chloritized, some leucoxene development.						
		318-320- Soft, probable fault.						
328	351	Massive diorite, fine grained.						
351	366	Altered section, chloritized & slight shear at 70° to core. Leucoxene development.						
		357-360- Soft, fault zone.						
366	448	Medium grained massive diorite.						
448	475	Slightly sheared at 40° to core, some chloritization & development of leucoxene.						
		465-467- Quartz stringers almost barren.						
		470-473- Fairly heavily sheared at 45° to core.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

S-97

PROFONDEUR TOTALE 550'
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 6460 N DEP. 3300 E

TROU NO. _____
HOLE NO. _____

SECTION _____

JOURNAL PAR A.C. Lee
LOGGED BY _____

ÉLÉVATION, ORIFICE 5008.4
ELEVATION, COLLAR _____

COMMENCÉ LE June 8, 1945
DATE BEGUN _____

ORIENTATION S 26-30W
BEARING _____

TERMINÉ LE June 19, 1945.
DATE FINISHED _____

ANGLE 0: - 45°, 300: 46°, 550: - 45°

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	6.0	Casing						
6	130	Diorite, fine to medium grained, massive. 148-149.5. Quartz epidote band, barren.						
130	177	Silicified & slightly bleached. 130-134- Fairly well silicified & well bleached & slightly carbonatized, barren. 145-153- Pillowed andesite, fractured & well bleached in places.						
177	220	Carbonatized & chloritized, leucoxene, slight shear at 45°. 196-197.5- Qtz with chlorite, a little tourmaline.						
220	550	200-220- Shearing at 10° to 30° to core. Diorite, med. gr., massive, from 245- prominent dark hornblendes. 270-272- Well fractured & cut by Qtz and epidote. 293-297- Narrow andesite dikes. 311-325- The same. 325-450- Finer grained. 351.5-352- Possible fault at 60° to core. 422-428- Andesite dike. 442-450- Andesite dikelets. 482-550- Occasional slightly carbonatized bleached bands. 524-530- Very low shearing at 60° to core.						
550.00		END OF HOLE.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 648'
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 5822.00' N DEP 654.34' E

TROU NO. S - 98
HOLE NO. _____

SECTION _____

JOURNAL PAR A.C. Lee
LOGGED BY _____

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____

COMMENCÉ LE June 20, 1945
DATE BEGUN _____

ORIENTATION S 5° 13' E
BEARING _____

TERMINÉ LE July 19, 1945.
DATE FINISHED _____

ANGLE 0' - 44°; 250' - 50°; 500' - 50°; 648' - 51°.

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	95	Casing.	18177	337	340	3.0	Tr	
95	268	Rhyolite, fragmental, light blue fragments with chlorite fractures & groundmass. 116.5-118.5- Lost core. 146-150- Lost core. 168-175- Purplish & reddish streaks around probable small pillows. 245-268- Heavily fractured at about 60° to core with carbonatization.	18176 18207	346 431	349 432	3.0 1.0	.01 Tr	
268	297	Diorite, very fine grained, silicious & hard. Occasional well fractured rhyolite inc- 290-291- Fault with 4" clay gouge: at 292.0' 1" clay gouge.						(Inclusions)
97	368	Rhyolite. 297-300-Fracturing and soft calcite slips. 315-328- Slight shearing at 40° to core. Several probable slips at same angle. 337-340- Scattered fine pyrite. 346-362- Hard with much green chloritic material in groundmass & a little scattered pyrite.						
368	429	quartz diorite, medium to coarse grained. 378-380-Fault with 1/2" clay gouge at 378' 45° to core. Slips at 385 to 390.0'						
429	432	Diorite, fine grained, cut by occasional quartz str. at 60° to core with a little bleaching and carbonatization. 431-432- Streaky fine pyrite in quartz stringers.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. _____
HOLE NO. _____

SECTION _____

LAT. _____ DEP. _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
8 1/2"	432	541.5						Rhyolite, heavily fractured 45° to 60° to core & intruded by diorite. Dark blue to green.
								475-476- Slips.
								500-505- Lost core.
								505-507- Numerous slips.
								507-509- Very white, quartz veining.
								509-526- Frequent slips 40° to 60° to core.
								526-535- Fault zone with shearing & folding. 1/2" gouge at 528 & 528.5. Lost core 531-534.
								535-541.5- Dark chloritic schist 60° to core with fault @ 538-541.5. 1' lost core 539-540.
541.5		551.5						Fairly massive, mostly greenstone.
541.5		648						Diorite with greenstone inclusions.
								551.5-552- Probable fault with fine sand & clay.
								561-563- Lost core, although filled with sludge from hole.
								564.5-566- Fault zone with some clay gouge.
								567.5-568- Fault zone with broken core.
								568-620- Massive diorite, fine grained, fewer inclusions of greenstone although fractured at 45° to core.
								645-646- Rose quartz stringer with a little medium grained pyrite.
		648.0'						END OF HOLE.

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____
SECTION _____
JOURNAL PAR _____
LOGGED BY _____
COMMENCÉ LE _____
DATE BEGUN _____
TERMINÉ LE _____
DATE FINISHED _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____
LAT. 6368.58 DEP 6297.03
ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____
ORIENTATION _____
BEARING _____
ANGLE _____

TROU NO. 8 -99
HOLE NO.

GAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	26	Casing						
26	127.5	Diabase. 26-28- Very fine grained, dark. 68-75- Pink feldspathic bands.						
127.5	540	Diorite, fine grained. 127.5-134- Slightly sheared at 60° with a little bleaching and fine pyrite. 125-161- Medium grained, massive. 161-170- Qtz. carb. veins at 45° with bleaching & coarse to massive pyrite, in some streaks a little fuchsite. 191-198- Heavily chloritized with some fairly massive pyrite. 200-205- Bleached & very slightly sheared at 10° to core. 203.5-205- Fine streaky pyrite with purplish alteration. 245-248- Slightly chloritized & sheared at 60° to core. 250-254- Fairly massive but slightly fractured & bleached, cut by 3" qtz carb. strs. 308-314- Massive, but well bleached. 363-375- Heavily bleached & carbonatized. 390-400- Slightly chloritized & cut by occasional silicious and bleached bands, narrow quartz stringers up to 3", mineralized with fine pyrite and chalcopyrite. 500.5-501.5- Chloritized with a little leucoxene & cut by qtz stringers up to 1". 530-540- Slightly carbonatized with development of leucoxene.						(barren.)
540.0'		END OF HOLE						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE NO. 1
SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 7073.65 DEP 6346.47

TROU NO. S-100
HOLE NO.

SECTION _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	5.0	Casing.						
5.0	130	Diorite.						
		5-20- Very fine grained and dark, hard.						
		20-80- Medium grained and massive.						
		80-81.5- Slightly silicified & bleached, with first 6" heavily silicified & slightly						
		84.5-89- Very fine grained black diabase.						(min'1.
		89-100- Slightly chloritized.						
		100-130- Very fine grained diorite cut by numerous epidote stringers. 2" epidote fairly heavily mineralized with coarse pyrite at 126.5.						
130	363	Fine grained diorite, black & hard. At 136.3 slips at 45° to core, rusty & heavily mineralized for 1/4".						
		191-218- Very dark & hard, probably rhyolite inclusion with some sections brecciated.						
		231-253- Very dark rhyolite intruded by diorite.						
		253-303- Numerous short inclusions of rhyolite, light & dark in colour.						
		303-340- Rhyolite, blotchy white & yellow. The last 2' mineralized with fine pyrite.						
363	436	Rhyolite, dark green to bluish white.						
		363-400- Very slightly sheared at 45° to core. Irregularly mineralized with fine grained pyrite & pyrrhotite in muddy-looking aggregates in fractures.						

TERRAIN _____
PROPERTY _____FEUILLE NO. _____
SHEET NO _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

S-100

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO _____
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		400-435- Pyrite and pyrrhotite, well disseminated in fine grains.						
		435-436- Sericite schist, pearly white, sheared at 400 to core.						
436	440	Diorite, fine grained and massive.						
440	451	Rhyolite.						
		440-446.5- Crushed & sheared zone 400 to core. probably fault with soft oxidized material at 442-444. A little fine pyrite scattered throughout.						
		446.5-451- Fairly massive grey rhyolite breccia, well mineralized with very fine pyrite.						
451	604	Diorite, fine grained, massive, some inclusions as shown by pillow outlines.						
		490 - 503- Fractured & bleached zone cut by quartz carbonate stringers.						
		515-600- Medium to coarse grained diorite with prominent white feldspar and dark hornblendes.						
		590- 1.0' slightly sheared at 600 to core.						
		590-604- Fine grained diorite.						
	604.0'	END OF HOLE.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. **1**
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 476'
TOTAL DEPTH _____COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 61° 43' N DEP. 597.43 ETROU NO. S-101
HOLE NO. _____

SECTION _____

JOURNAL PAR A.C. Lee
LOGGED BY _____ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____COMMENCÉ LE July 24, 1945.
DATE BEGUN _____ORIENTATION S 1° -13' W
BEARING _____TERMINÉ LE Aug. 4, 1945.
DATE FINISHED _____ANGLE 43° 18'

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	21	Casing.						
21	54	Fragmental rhyolite.						
		21-35- Slightly sheared at 45° to core.						
54	68	Diorite, fine grained.						
68	154	Rhyolite with rounded and angular fragments.						
		76-76.5- Probable fault at 45°.						
		76.5-82- Fine grained diorite.						
		82-101- Very slightly sheared at 45° to core.						
		109-117- The same.						
154	195	Purple cherty breccia.						
195	269	Rhyolite breccia, light grey to green, slight shearing at 45° to core.						
		210-217- Purplish, very slightly sheared at 45°						
269	277	Andesite.						
277	355	Rhyolite, fairly massive.						
		284-289- Slightly crushed & cut by numerous slips at 40° to core, probable fault zone.						
		335-338- Numerous slips at 300° to 400° to core.						
		343-345- Crushed & cut by slips 40° to core, probable fault zone.						
355	372	Diorite, fine grained.						
372	412	Rhyolite, bluish.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE
CO-ORDINATES, COLLARTROU NO. S-102
HOLE NO. _____

SECTION _____

LAT. 7088.45 DEP. 6175.71JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE
ELEVATION, COLLARCOMMENCÉ LE _____
DATE BEGUN _____ORIENTATION S 17° - 09 W
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	8.0	Casing.						
8.0	188	Fine grained massive diorite.						
		25-44- Very light colored blotchy white rounded shapes, maybe a dacite.						
		44-65- Same rock but mineralized with fine pyrite & a little pyrrhotite.						
		110-120- Fractured & cut by fairly frequent silicious bands at 60° to core; a little streaky fine pyrite.						
		143.5-144.5- Barren qtz. carb. stringers.						
188	231.5	Ligt grey acid lava, fairly hard & massive.						
		228.5-231.5- Fractured & cut by some narrow qtz str. with silicification at 45° to core, some narrow streaks fair mineralization.						
231.5	245.5	Diorite.						
245.5	680	Rhyolite, blotchy dark grey with aggregates of medium to coarse grained diorite.						
		256-259- Same with silicification.						
		310.7-314- A little scattered fine to medium grained pyrite.						
		398- slip at 60° to core, a $\frac{3}{4}$ " gouge.						
		400-405- Slips at 45° to 60° with a little rust.						
		409.5-414- Weaker slips at 45° to 60° to core.						
		414-422- Pillow markings in grey rhyolite.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. L
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 7136.44 DEP. 5925.74

TROU NO. S-103
HOLE NO. _____

SECTION _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION S 15° -44W
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	8.0	Casing.						
8.0	465	Diorite, fine grained.						
		8.0-22-Light grey rhyolite inclusions, some brecciated, Some narrow bands fairly well mineralized with fine pyrite.						
		44-46- Quartz epidote stringers 60° to core with silicification & well mineralized streaks of fine pyrite.						
		60-86- Medium grained with rounded grey shapes up to 1/4" which look like small spherulites, maybe remnants of the lava inclusion.						
		125-180- Medium grained & dark with some lathlike hornblendes.						
		180 - 210 - Fine grained and dark.						
		210-225- Fractured & cut by frequent narrow qtz carb. stringers at 60° to core.						
		225-231.5- Silicified & bleached, a little fine pyrite.						
		345-350- Very fine grained & chloritized; much slight shearing at 60° to core.						
		356.5-362- Crushed & sheared 40° to 45° to core, fairly soft. A very little fine pyrite.						
		362-375- Very fine grained grey diorite with many andesite inclusions.						
		377-380- Probable andesite inclusion with pillows outlined by pyrite & pyrrhotite seams						
		380-386- Same with less pyrite.						
		386-415-Medium grained with rounded dark forms which have honey combed pattern.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S-103
HOLE NO. _____

SECTION _____

LAT. _____ DEP. _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		445-447- Well silicified diorite, fairly well mineralized with fine pyrite.						
465	579.5	Rhyolite, light to dark grey.						
		470-476- Large white blotches up to several inches wide.						
		476-500 - Large grey to white.						
		500-535- Slightly mineralized with a little finepyrite.						
		535-560- Same with occasional coarse cubes.						
		560-570- Some bands fairly well mineralized with fine pyrite & occasional aggregates with almost massive pyrite.						
		570-579- A little fine pyrite, disseminated.						
579.5	607	Diorite, fine grained massive.						
607	668	Rhyolite, light grey, with dark blotches, occasional narrow bands, poorly mineralized with fine pyrite.						
668	701	Diorite, fine grained.						
		670-678- Sheared at 45° to core.						
		692-700- Slightly sheared & slightly carbonatized.						
701	797	Rhyolite.						
		701-732- Light grey porphyritic rhyolite cut by narrow dikelets of diorite.						
		732-745- Purplish rhyolite.						
		745-797- Light grey to cream porphyritic rhyolite, rounded quartz eyes.						
	797.0'	END OF HOLE						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

8-104

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 69°47.16 DEP. 5689.39

TROU NO. _____
HOLE NO. _____

SECTION _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION S 0° 53 W
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	36	Casing.						
36	374	Diorite, fine grained and massive. 64-74- Slightly sheared and crushed at 45° to core. 74-78- Fault. 1" clay gouge at 75. 1" heavily oxidized at 76.0'. 85-88- Numerous fractures and slips at 10° to 30° to core. 92.96- Same as 85-88. 156.0- Altered section. 156-163- Fractured and cut by quartz stringers and chloritized. 163-166.1- Cut by larger quartz stringers with silicification & some fairly well mineralized streaks of fine pyrite. 258- 3" slip 60° to core, a little gouge. 371-374- Barren qtz stringers with silicification at 70° to 90° to core.						
374	410	Porphyritic diorite, occasional white feldspar phenocrysts in fine grained light grey 405-407- Slight carb. sheared at 70° to core, barren.						(groundmass.)
410	425	Slightly chloritized zone.						
425	449	Porphyritic grained diorite, feldspar phenocrysts up to 1/4".						448-449 Slight shearing at (70° to core.)
449	557	Fine grained massive diorite. 476-486- Coarser with round black spots & white feldspar phenocrysts. 486-496- Med. grained with ophetic texture.						

TERRAIN _____
PROPERTY _____MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORDFEUILLE NO. **1**
SHEET NO. _____PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. **6950.25** DEP **5345.63**TROU NO. **S-106**
HOLE NO. _____

SECTION _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION **S 11° -07E**
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	5.0	Casing.						
5.0	450	Fine grained massive diorite.						
		50-51- Slight shearing at 70°						
		51-61- Very fine grained dark diorite, last foot bleached.						
		145-147- Qtz. stringers 0° to 10° to core with a little rusty hematite.						
		217-220- Slight fracturing & Qtz epidote stringers 90° to core.						
		223-225- Same.						
		407-425- Cut by occasional narrow Qtz stringers at 70° and slightly chloritized.						
		438-441- Same.						
		443-450 7 Dark rhyolite inclusion.						
450	486	<u>Altered section.</u>						
		450-452- Cut by some Qtz str. at 60° with a little bleaching & some streaks of coarse						
		452-453.3- Same with fair bleaching & fine to medium grained pyrite. (pyrite.)						
		463.5-465- Fairly well bleached & cut by Qtz str. with streaky fine pyrite.						
		465-471- Slightly bleached & a little pyrite in occasional streaks.						
486	558	486-558- Fine grained massive diorite.						
		500-506- Andesite dike cut by occasional narrow Qtz str. at 60° to core.						
558	585	<u>Rhyolite.</u>						
		558-566- Irregular coarse pyrite scattered throughout.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE
CO-ORDINATES COLLARTROU NO. 8 - 106
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		566-580- Same.						
		580-585- Breccia with fine fragments and pyrite in brown massive shapes.						
585	628	Diorite, fine grained, slightly altered.						
		606-610- Coarse grained, light color.						
		615-618- Slightly bleached & cut by 12" barren quartz vein.						
628	695	Massive & medium grained diorite.						
		655-658- Andesite dike.						
		674-677- Same.						
		690-695- Andesite dike, fractured.						
695	776	695-776- Medium grained grey diorite.						
		695-700- Fractured & cut by some quartz stringers & a little pyrite.						
		756-762- Andesite dike, very well sheared & fractured 45° to core.						
		770-775- Slightly chloritized & finer grained, a little shearing & fractured.						
776	786	Bleached sections.						
		776-780 Cut by numerous qtz stringers 60° to core & silification, fairly well mineralized 778-7796 At 783 - 1 1/2" qtz tourmaline stringer at 45°.						
786	830	Massive diorite.						
		792-797- Andesite dike. 810-813- Same						
		819-830- Slightly silicified, hard.						
	830.0'	END OF HOLE.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 953.0'
TOTAL DEPTHCOORDONNÉES ORIFICE
CO-ORDINATES COLLARTROU NO 8-107
HOLE NO.

SECTION _____

LAT. 5,348.07N DEP 608.13JOURNAL PAR A.C. Lee
LOGGED BYÉLÉVATION, ORIFICE _____
ELEVATION, COLLARCOMMENCÉ LE Aug. 16, 1945
DATE BEGUNORIENTATION S 4° -16' W
BEARINGTERMINÉ LE Sept. 3, 1945
DATE FINISHEDANGLE 300' - 35°; 600- 34°; 900 - 33°

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	7.0	Casing.						
7.0	450	Diorite, fine grained, cut by numerous threads & stringers of epidote 0° to 30° to core. 80-90- Carbonatized & slightly chloritized with a very slight shearing at 70° to core. 102-113- The same. 120-137- Medium grained, massive. 153-164- Coarse grained. 164-168- Slightly carbonatized. 168-192- Medium grained. 192-220- Fine grained, last 10ft. fine leucoxene. 220-230- Slightly chloritized fine leucoxene development. 235-242- Slightly carbonatized fine leucoxene. 257-263- Slightly sheared at 60° to core. 278-281- Brecciated andesite inclusion. 294-305- Chloritized & softer; at 297.5 - 1" qtz with a little pyrite. At 317.3 calcite slips, 45° to core. 346-353 - Slightly sheared and cut by some bleached bands, 45° to core. 381-384- Fractured at 10° to core & cut by fine qtz epidote stringers with slips. 388-390- Same.						
450	490	Slightly chloritized & fractured.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S-107
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DÉ FROM	A TO							
		470-473- Very soft, cut by frequent slips						45° to core, heavily chloritized rusty slips.
		480-482- Same.						
490	575	Massive fine grained diorite.						
		527-530- Andesite dike.						
		568-569- Slight shear at 60° with 3" qtz. stringers with a little pyrite.						
575	618.5	Mainly rhyolite intruded by fine grained diorite dikes.						
		601.5-602- Sheared at 40° to core, cut by quartz stringers with bleaching.						
		614- 617.5- Flow contact.						
		617.5-618.5- Fault zone 30° to core with a little oxidation.						
618.5	635	Andesite.						
		618.5-626- Slightly sheared at 60° to 70°; 1' quartz & bleaching at 622.0'.						
		626-628- Fault zone at 45° to core, At 633 - 1" clay gouge.						
635	791	Fine grained massive diorite.						
		675-685- Slightly bleached.						
		704-710- Very finegrained diorite.						
		726-730- Same.						
		746-750- Same.						
		755-757- Qtz stringers from 0° to 45° & barren.						
		772-773- Qtz. stringers from 0° to 45° and barren.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 3
SHEET NO. _____

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S-107
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		778-780- Qtz carbonate stringers, barren.						
791	798	Fine grained black diabase.						
798	953	Fine grained diorite, massive.						
		815-826- Fractured to 60° to 70° to core, and cut by carbonate stringers.						
		826-834- A little fine leucocene development.						
		834-837- Andesite dike.						
		848-853- Andesite dike.						
		868-874- Andesite dike, cut by Qtz stringers.						
		878-879- Qtz. stringers at 90°, barren.						
		895-899- Andesite dike.						
		896-900- Andesite dike.						
		939-953- Andesite dike, with irregular white feldspar phenocrysts.						
	953.0	END OF HOLE						

M-M-68

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. L
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 6061.95 DEP. 5640.17

TROU NO. S-108
HOLE NO. _____

SECTION _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION N 18° -24W
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	5.0	Casing.						
5.0	98	Grey chloritized diorite, fairly massive.						
		26-60- Fractured & slightly brecciated with quartz filling.						
		90-98- Medium grained and cut by occasional shears with a little quartz.						
98	129	Chloritized, weak shearing at 45° to core and fractured.						
		100-102-Qtz stringers with a little pyrite, occasionally, and a very slight bleaching.						
		120-123- Qtz. stringers with a little fine pyrite occasionally.						
129	199	Medium grained massive diorite.						
		144-154- Light colour, bleached.						
		154-159- Very fine grained and slightly chloritized.						
		159-175- Dark and finer grained, massive.						
		184-199- Chloritized.						
199	230	Silicified section, slightly sheared at 40°.						
		199-210- Frequent quartz stringers & brecciated with occasional streaks slightly silveriz.						
230	410	Massive medium grained diorite.						
		325-335- Silicified at 328; 6" qtz stringers with streaky pyrite.						
		359-363- Slightly sheared at 30° to core.						
		369-372- Very slightly chloritized.						
410	425	Chloritized section.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO _____
HOLE NO. _____

S-108

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		414-415- Qtz. epidote stringers in shear at 45°.						
		418- 421- Same.						
425	456	Massive coarse grained diorite.						
456	507	Silicified & slightly altered section.						
		465-470- Fairly well bleached.						
		470-484- Fairly well bleached and cut by Qtz stringers with streaky fine pyrite & a little chalcopryite. A little fuchsite.						
		484-507- Dark and chloritized with leucoxene, development.						
507	751	Coarse grained diorite, light grey.						
		532-534- Silicified, altered, scattered fine pyrite.						
		600-602- Dark, coarse grained diorite.						
		602-604- Quartz epidote stringers at 45° Barren.						
		627-630- Fine grained diorite.						
		644-650- Fine grained diorite.						
		677-686- Very light coloured.						
		717-718- Slight shear at 70° to core.						
		724-729- Slightly sheared at 45° with occasionally barren Qtz. stringers.						
		742-751- Fine grained with prominent round hornblende aggregate.						
751	794	Fine grained massive diorite.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE
CO-ORDINATES COLLARTROU NO. 8-109
HOLE NO. _____

SECTION _____

LAT. 6751.98 DEP. 6042.97JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0	9.0	Casing.						
9.0	113	Diorite, very fine grained, dark. 25-40- Frequent fractures at 60° to core. 40-55- Medium grained, very dark. 55-57- Frequent slips at 70° with a little streaky pyrite. 57-60- Slips and crushed zone, especially 58-59 at 45° to core. 73-75- Oxidized slips 10° to 45° to core. 79-83@ Same. 87-91- Slips & slight crushing at 45°. 91-100- Heavily crushed zone; some oxidation, 3" clay gouge at 91.0' 94-97- Mostly rhyolite slips at 45° to 60° to core.						
113	440	Rhyolite, dark grey. 116-137- Scattered fine pyrite in fractures 20° to 45° to core with a little chalcopryite 137-150- Fairly well mineralized with fine pyrite & some coarse, with a little chalcopryite from 146 to 148. Severely crushed fault zone at 45° to core, a little oxidation, rhyolite reduced to soft powdered sericite schist. 150-155- Rhyolite fault zone with crushing at 10° to 45° to core, soft and crushed but not powdered. Fine to medium pyrite in streaks.						

TERRAIN _____
PROPERTY _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. **2**
SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. **S-109**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

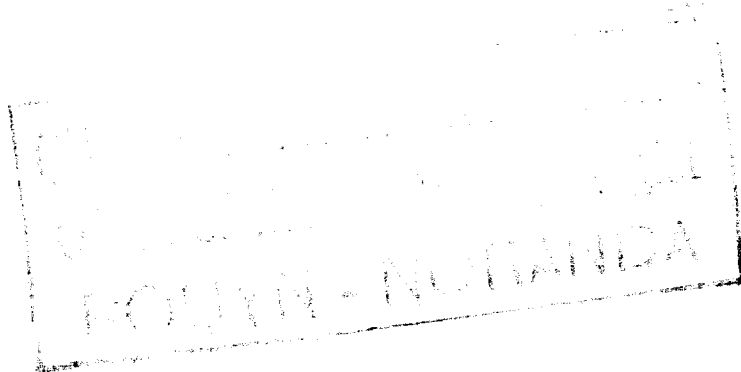
JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		155-162.5- Fairly massive rhyolite with streaky fine pyrite, some fairly heavy with a little chalco pyrite.						
		162.5- 166 - Oxidized slips with fairly heavy gouge and crushing 10° to 45° to core.						
		166-168- Dark grey rhyolite cut by some slips, mineralized with some fine pyrite and a little chalcopryrite.						
		168-172- Lost core.						
		172-350- Chloritized and mineralized with fine pyrite & a little chalcopryrite.						
		183-184- Lost core.						
		215-220- Some fairly well mineralized streaks.						
		250-260- Same.						
		275-280- Same.						
		300-310- Same.						
		330-350- Poorly mineralized in streaks.						
		350-380- Rhyolite with white feldspar phenocrysts.						
		380-420- Very few phenocrysts.						
		420-425- Streaks of pyrite occasionally with quartz stringers.						
		425-430- Slightly chloritized and cut by some narrow quartz stringers at 45° to core.						
440	453	Diorite, fine grained with andesite inclusions.						
453	482	Rhyolite, grey with white silicious bands & patches, probably pillows.						
482	513	Fine grained diorite.						

SENATOR ROUYN MINES, LIMITED

LOGS OF D.D.H. NOS: S-110, S-111, S-112, S-113,
S-114, S-115, S-116, S-117, S-118, S-119, S-120,
S-120-A, S-121, S-122, S-123, S-123-W, S-124, S-125,
S-126, S-127, S-128, S-129, S-130, S-131-A, S-132,
S-133, S-134, S-135, S-136, S-137, S-138.



JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION **58° 50W**
BEARING

COMMENCÉ LE **September 4th. 1941**
DATE BEGUN

LAT. **4557.52N** DEP. **516.92E**

ANGLE **230-115846°**
500-490 860-490

TERMINÉ LE **September 29th. 1941**
DATE FINISHED

ELEVATION, ORIFICE **A. C. Lee**
ELEVATION, COLLAR

PROFONDEUR TOTALE **910**
TOTAL DEPTH

JOURNAL PAR **A. C. Lee**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0-	29	Casing.	18770	325.0	328	3.0	tr.
20.0-	195	Diorite fine grained slightly chloritized. 40.0-70.0 Andesite inclusions. 75.0-95. Many fractured at 60% core some rusty and on 1 dized. @ 78.0'-3" open seam with sand. 141.0-145 Cut by a few quartz carbonate stringers with a little bleaching. 170-5-171. 5 Same 187.0-190 very slightly sheared @ 700 to core with rusty carbonate.	18940 19051 19052 19053 19054 19055 19056 19057 19058 19059 19060 19061 19062 19063 19064	671.5 Sand at 850' 852.0- 855.0- 857.0- 860.0- 862.5- 865.0- 867.5- 870.0- 872.5- 875.0- 877.5- 880.0- 882.5-	673 855 857 860 862.5 865 867.5 870 872.5 875 877.5 880 882.5	1.5 3.0 2.0 3.0 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	.04 .56 tr. .01 .02 .02 .33 .05 .22 .22 .05 .26 .03 .08 .08
140.0-	269	Bluish grey dacite with light bleached pillow margins showing a little brecciation, 245.0-250 Diorite 253.0-258 Diorite					
269.0-	790	Diorite fine grained massive. 292.0-295.0 very fine grained probably dacite cut by quartz carbonate stringers with a little bleaching. 305.0- 310.0 very slight bleaching. 320.0-325 occasional quartz carbonate stringers @ 450 to core with a little bleaching.					

TERRAIN
PROPERTY

111-6
TROU No. **8-110**
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **2**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
37.0	328	Basic dyke with shreds of chlorite and small white Feldspar phenocrysts both contacts of dyke have 4" quartz summary fairly well mineralized.					
	328.0-350	Heavily fractured and cut by numerous slips @ 45° especially 329.0-331.0, 333.0-335.0, 342.0, 345.0					
	350.0-356.0	very light grey & fine grained, dacite inclusion.					
	377.0-383	cut by quartz carbonate stringers with a little bleaching.					
	423.0-425	Slightly brecciated and cut by quartz carbonate stringers with bleaching.					
	425.0-427	Dacite inclusion.					
	457.0-471	Andesite cut by quartz carbonate stringers at 60° to core.					
	487.0-489	Slightly carbonatized & bleached cut by some quartz carbonate stringers barren					
	493.0-501	Andesite inclusion.					
	530.0-590	Medium grained grey diorite.					
	590.0-600	Very slight bleaching.					
	635.0-665	Medium grained grey diorite.					
	668.0-671.5	Chloritized some leucoxene.					
	671.5-673	Silicified & cut by some siliceous bands with fairly good mineralization for the last foot.					

TERRAIN
PROPERTY _____

111-6
TROU No. **8-110**
HOLE No. _____
FEUILLE No. **3**
SHEET No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. _____ DEP. _____
ELEVATION, ORIFICE
ELEVATION, COLLAR _____

ORIENTATION
BEARING _____

ANGLE _____
PROFONDEUR TOTALE
TOTAL DEPTH _____

COMMENCÉ LE
DATE BEGUN _____
TERMINÉ LE
DATE FINISHED _____
JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		680.0-705.0 Medium grained grey diorite					
		744.0-757 Slightly chloritized.					
790.0-	852	Chloritized and fine leucoxene development.					
852.0-	896	Altered zone.					
		852.0-857 Fault oxidized fairly well rusty carbonate fairly soft with frequent slips 400 to core.					
		857.0-862 Quartz carbonate stringers at 40 to 450 to core with some rusty oxidization along them and a littly streaky fine pyrite, poor bleaching.					
		862.0-880 Quartz carbonate stringers with poor bleaching and streaky fine pyrite at 868.1" rusty oxidized stringers with coarse pyrite. At 879 Oxidized slip.					
		880.0-882.5 Fairly well brecciated and better bleached, some streaks better mineralized.					
		882.5-896 Bands slightly silicified & bleached 600 to 700 to core.					
		896.0-910 Diorite fine grained, cut by some narrow quartz stringers 700 and fairly chloritized.					
910		End of 8-110					

TERRAIN PROPERTY SENATOR ROUYN

TROU No. ¹¹¹⁻⁶ S-111
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE SEPTEMBER 10th. 1945
DATE BEGUN _____

LAT. 6667.71 DEP. S 732.65

ANGLE VERT

TERMINÉ LE SEPTEMBER 29th. 1945
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE 752
TOTAL DEPTH _____

JOURNAL PAR A. C. LEE
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.	3	Casing	17997	32.5-	33.5	1.0	tr.
3.0-	160	Diorite fine grained massive	17998	118.5-	121	1.5	.01
			17999	163.0-	164	1.0	.01
			17949	229.0-	232	3.0	.01
		13.0-20 Fractured 450-900 to core epidote veinlets	18768	460.0-	465	5.0	.02
			18769	481.0-	486	5.0	.01
			18851	533.0-	535	2.0	tr
		30.0-37 Quartz & epidote stringers 800 to 900 to core	18852	535.0-	537	2.0	.02
			18853	537.0-	538	1.0	L.C.
			18854	538.0-	540	2.0	.01
		32.5-33.5 Streaky fine pyrite	18855	540.0-	543	3.0	.03
			18856	543.0-	543.5	5.0	L.C.
		60.0-77 Rounded hornblends giving core a honey combed appearance.	18857	543.5-	545	1.5	tr
			18858	545.0-	547.5	2.5	tr
			18859	547.5-	550	2.5	tr
		81.0-83 Andesite dyke at 600 to core.	18860	550.0-	552.5	2.5	tr
			18861	552.5-	555	2.5	tr
		87.0-90 Same	18862	555.0-	557.5	2.5	tr
			18863	557.5-	560	2.5	.01
		91.0-93 Same	18864	560.0-	562.5	2.5	tr
			18865	562.5-	565	2.5	tr
		93.0-97.5 Fractured and slightly sheared 800 to core 6" quartz and pink feldspar a 97'	18866	565.0-	567.5	2.5	.02
			18867	567.5-	570	2.5	tr
			18868	570.0-	572.5	2.5	.01
			18869	572.5-	575	2.5	tr
		97.5-105 Andesite dyke	18870	575.0-	577.5	2.5	tr
		105.0-109 Brecciated diorite	18871	577.5-	580	2.5	tr
			18872	580.0-	582.5	2.5	tr
		109.0-112 Andesite dyke	18873	582.5-	585	2.5	tr
			18874	585.00	587.5	2.5	tr

TERRAIN
PROPERTY _____

111-6

TROU No.
HOLE No. **8-111**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No.
SHEET No. **2**

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		118.5-112 Slight shear A 600 to core with some silification with some very low fine pyrite	18875	587.5-	590	2.5	tr
			18876	590.0-	592.5	2.5	tr
			18877	592.5-	595	2.5	tr
			18878	595.0-	597.5	2.5	tr
			18879	597.5-	600	2.5	tr
		127.0-129 Andesite dyke					
		132.0-143 Coarse diorite with white irregular feldspars and round to angular black shapes.					
		150.0-160 Mostly andesite with some fractured diorite inclusions.					
160.0-	187	Altered zone fractured & slightly sheared @ 300 to 600 to core with many fine quartz stringers with silicification & with a little leucoxene.					
		163.0-164 Quartz stringers with fine pyrite.					
170.0-	250	Medium to coarse grained light grey diorite.					
		202.0-207 Very fine grained & grey suggests hylite inclusion.					
		229.0-232 Highly silicified at 450 to core fine pyrite in streaks.					
		232.234 Fine grained grey andesite.					
		234.0-242 Very coarse grained light feldspar aggregates up to 1"					
250.0-	292	Fine grained grey diorite with occasional round white feldspars.					

TERRAIN
PROPERTY _____

111-6
TROU No. _____
HOLE No. **S-111**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE No. _____
SHEET No. **3**

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		269.5-271.5 Slight shear a 70o to core with quartz stringers barren.					
		275.0-278 Fern like arborescent hornblende.					
		287.0-282 Fractured 60o to core					
292.0-	304	Coarse grained diorite.					
		292.0-304 Fractured with minor slips 10o - 30o to core					
304.0-	443	Fine to medium grained diorite.					
		326.0-329 Slightly chloritized & cut by quartz epidote stringers.					
		336.0-338 Slightly silicified and chloritized.					
443.0-	507	Rhyolite light grey with dark grey & white blotches					
		460.0-465 Very finely disseminated pyrite.					
		481.0-486 Silicified andesite slightly sheared a 20o to core and mineralized with a little fine pyrite.					
		486.0-493 Andisite					
		500.0-507 Fractured and cut by quartz carbonate stringers a 90o with a little bleaching and alteration.					
507.0-	530	Diorite fine grained.					

TERRAIN
PROPERTY _____

TROU No. **S-111**
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **4**
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR _____

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ÉLEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
50.0-	633	Rhyolite grey with numerous rounded and angular fragments					
		533.5-555 Slightly mineralized with streaks of pyrite, mostly massive.					
		555.0-580 Fairly well mineralized with fine pyrite					
		580.0-590 Diorite tongues.					
		590.0-600 Poorly mineralized in streaks.					
		600.0-613 Pillowed rhyolite with some fragments and slightly chloritized.					
		613.0-633 Silicified and mineralized in streaks					
633.0-	752	Diorite fine grained and massive.					
		723.0-727 Slightly carbonitized and bleached cut by a few quartz carbonate stringers a 700 to core.					
		750.0-752 Slightly bleached and carbonitized.					
	752	End of S-111					

TERRAIN PROPERTY SENATOR ROUYN

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. 111-6
HOLE No. 8-112

FEUILLE No. 1
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. 8038.18 DEP. 6074.93

ELÉVATION, ORIFICE
ELEVATION, COLLAR

ORIENTATION
BEARING

250 -43°
598 =44°

ANGLE

PROFONDEUR TOTALE 350
TOTAL DEPTH

COMMENCÉ LE SEPTEMBER 20th. 1945
DATE BEGUN

TERMINÉ LE OCTOBER 3rd. 1945
DATE FINISHED

JOURNAL PAR A. C. LEE
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	160	Casing.	18941	189.0-	192	3.0	tr.
16.0-	240	Massive fine grained grey diorite fairly well chloritized.	18942	192.0-	195	3.0	tr.
			18943	195.0-	197.5	2.5	tr.
			18944	197.5-	200	2.5	tr.
		40.0-41 Barren mauve quartz stringers a 70o to core.	19065	284.0-	286	2.0	.01
			19066	293.0-	295	2.0	tr
			19067	311.0-	314	3.0	.02
			19068	314.0-	317	3.0	tr
		52.0-54 Very slight shear with fracturing @ 60o to core some quartz carbonate stringers.	19069	317.0-	320	3.0	tr
			19070	362.5-	365	2.5	tr
			19181	715.0-	718	3.0	tr
			19183	767.0-	770	3.0	tr
		71.0-74 Same.					
		102.0-103 Same with mauve quartz stringers @ 80o to core.					
		129.0-132 Quartz carbonate stringers.					
		140.0-142 Quartz epidote stringers with bleaching.					
		150.0-170 Numerous quartz stringers & some epidote 30o to 60o to core.					
		170.0-175 Andesite.					
		178					
		175.0-170 Some rusty fractures $\frac{3}{4}$ 0o-10o to core.					
		180.0-189 Occasional quartz epidote stringers.					
		189.0-200 3" to 6" silicious bands with slight to medium fine pyrite.					

TERRAIN PROPERTY SENATOR ROUYN

TROU No. 111-6
HOLE No. S-112

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 2
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		219.0-221 Quartz epidote stringers with a little fine pyrite 700 to core.					
		230.0-233 Same.					
240.0	284	Massive fine grained diorite.					
284.0	324	Altered section.					
		284.0-286 Purplish silicious bands cutting core at 700 fairly well mineralized streaks some epidote.					
		293.0-295 Same.					
		295.0-311 Fairly well chloritized.					
		311.0-314 Silicious bands at 60' to 70' with streakly fine pyrite, some fairly heavy.					
		314.0-320 Similar but less quartz and less mineral.					
324.0	350	Rhyolite inclusions.					
		343.350 Fragment and numerous quartz stringers 700 to 900 to core, a little coarse pyrite.					
350.0	405	Andesite inclusion frequent quartz carbonate stringers quartz with slight shearing at 700.					
		362.5-365 quartz carbonate stringers with a little fine pyrite and aggregates & 3" almost massive at 362.5					

TERRAIN
PROPERTY SENATOR ROUYN

111-6

TROU No.
HOLE No. S-112
FEUILLE No.
SHEET No. 3

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. DEP.

ANGLE

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		394.0- 405 Fractured and fairly well silicified 600 to 900 to core, occasional narrow streaks of fine pyrite.					
405.0-	700	Diorite fine grained slightly chloritized, occasional epidote stringers at 700 to 900.					
		455.0-461 brecciated bands.					
		519.0-535 Fine leucoxene development.					
		560.0-561 Quartz epidote stringers with a little fine pyrite.					
		561.-465 Leucoxene development.					
		661.0-674 Same.					
		693.0-700 Andesite inclusion					
700.0-	718	Rhyolite fragmental 712.0-718 bleached.					
712.0-	718	Fine grained massive diorite.					
		765.0-771 Slightly bleached and cut by some veinlets of quartz and silicification.					
808.0-	813	Purple syenite porphyry.					
813.0-	849	Diorite fine grained massive.					
		825.0-828 Fractured and cut by quartz carbonate stringers with a little bleaching.					
849		End of S-112.					

TERRAIN SENATOR ROUYN
PROPERTY

111-6
TROU No. S-113
HOLE No.
FEUILLE No. 1
SHEET No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION S 41° 35' W
BEARING 0-540-18'

COMMENCÉ LE OCTOBER 2nd. 1945
DATE BEGUN

LAT. 3913.21 DEP. 772.56

ANGLE 350-390
711-600

TERMINÉ LE OCTOBER 18th. 1945
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE 711.0'
TOTAL DEPTH

JOURNAL PAR A. C. LEE
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0-21	21	Casing	19363	387.5-	390	2.5	tr.
21.0-	113	Dacite, light blue fairly hard cut by frequent irregular quartz carbonate stringers and intruded by irregular tongues of diorite.	19364	570.0-	572.5	2.5	.04
			19365	572.5-	575	2.5	.05
			19366	575.0-	579	4.0	.06
			19367	599.0-	601.5	2.5	tr
		50.0-53 Diorite	19368	606.0-	609	3.0	tr
		62.0-71 Weak fault zone with crushing & slips 200-400 to core, 66 to 70 being oxidized and showing most movement, lost core 68.5 to 70.	19369	609.0-	612	3.0	.06
		79.0-83 Diorite.	19370	612.5-	615	3.0	tr
		91.0-93 Diorite.					
113.0-	160	Diorite, fine grained light grey					
		126.0-131 Diorite. Dacite.					
		134.0-139 Dacite.					
		143.0-146 Dacite.					
		158.0-160 Dacite.					
160.0-	166	Porphyry, purplish with white feldspar phenocrysts contact, 600 to core.					
166.0-	333	Diorite.					
		166.0-169 Andesite, cut by some rusty slips 450 to core.					

TERRAIN
PROPERTY _____

111-6
TROU No. S-113
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE No. _____
SHEET No. 2

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR _____

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		210.0-213 Andesite fairly heavily fractured at 90o to core with possible weak 6" fault at 212					
		237.0-243 Weakly sheared & bleached.					
		250.0-257 Andesite, sheared at 40o to core with rusty fault zone 251-253					
333.0	359	Chloritized zone.					
		343.5-346 Sheared at 70o to core and well silicified and fairly well mineralized in streaks.					
		346.0-350 Andesite.					
359.0	420	Diorite massive medium grained.					
		386.0-390 Chloritized with some leucoxene and cut by quartz stringers with some silicification- little fine pyrite.					
420.0	450	Chloritized zone, some leucoxene development and cut by occasional quartz stringers.					
450.0	552	Diorite medium, grained massive.					
		536.0-537 Quartz epidote stringers with a little bleaching.					
552.0	580	Chloritized zone.					
570.0	635	Bleached & altered zone sheared at 45' - 60o to core & cut by some quartz carbonate stringers accompanied by					

TERRAIN
PROPERTY _____

TROU No. ¹¹¹⁻⁶ S-113
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE No. 3
SHEET No. _____

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR _____

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		fairly heavy bleaching, mineralized with streaky fine pyrite some cubes of quartz. At 574, 2 inches fairly well mineralized.					
		599.0-601.5 Quartz stringers with silicification & some streaky pyrite.					
		606.0-609 quartz carbonate stringers with bleaching very poorly mineralized.					
		699.0-615 Cut by quartz carbonate veins with tourmaline seams and occasional streaks of pyrite & fairly well bleached.					
635.0-	699	Chloritized Diorite, cut by occasional narrow quartz carbonate stringers.					
		648.0-651 Andesite dyke.					
		664 - 683 same					
		664.0-699 Heavily chloritized at 688 1/2" mas. in chalcopyrite seam.					
699.0-	711	Diorite, fine grained, slightly bleached.					
	711	End of S-113.					

TERRAIN
PROPERTY **SENATOR ROUYN**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
TROU No. **S-114**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **S 37-22 E**
Surface 430 58'

COMMENCÉ LE
DATE BEGUN **OCTOBER 1st. 1945**

LAT. **2097.02 N** DEP. **1748.11 E**

ANGLE **250 - 340**
500 - 280

TERMINÉ LE
DATE FINISHED **OCTOBER 8th. 1945**

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH **531.5**

JOURNAL PAR
LOGGED BY **A. C. LEE**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0-	25	Casing.	19259	84.0-	87	3.0	.02
25.0-	40	Quartz carbonate stockwork with stringers at 45-70o to core with a little bleaching and slight shearing 45o	19260	87.0-	90	3.0	tr
			19261	90.0-	93	3.0	tr.
			19262	93.0-	96.5	3.5	.08
			19263	96.5-	100	3.5	tr
			19264	100.0-	104	4.0	tr
40.0-	100	Chloritized zone, fine grained diorite cut by occasional quartz carbonate stringers with a little bleaching.	19265	104.0-	107	3.0	.01
			19266	107.0-	110	3.0	tr
			19267	110.0-	113	3.0	.01
			19268	113.0-	116	3.0	.01
		84.0-100 Slightly silicified & bleached with bands of fine pyrite occasionally at 86.5, 1 inch of rusty oxidized.	19269	144.0-	149	5.0	.01
			19213	155.0-	157.5	2.5	tr
			19214	157.5-	160	2.5	.01
100.0-	104	Well bleached and fairly well silicified, poorly mineralized. Last foot rusty quartz tourmaline vein. 10o to 20o to core.	19215	160.0-	162.5	2.5	.01
			19216	162.5-	165	2.5	.02
			19217	165.0-	167.5	2.5	.02
			19218	167.5-	170	2.5	.05
			19219	170.0-	173.4	3.4	.07
104.0-	136	Quartz felspar porphyry, pink to mauve fine grained. Some light green chloritic inclusions. Occasional narrow streaks and aggregates of fine pyrite.	19201	205.0-	207.5	2.5	.01
			19202	207.5-	210	2.5	tr
			19203	210.0-	212.5	2.5	.02
			19204	212.5-	215	2.5	tr
			19205	215.0-	217.5	2.5	.02
136.0-	173	Well bleached carbonate zones with chloritic fractures and a little fuchsite.	19206	217.5-	220	2.5	.02
			19207	220.0-	222.5	2.5	.03
			19208	222.5-	225	2.5	.03
		146.0-149 Quartz carbonate stringers both tourmaline & negligible pyrite.	19209	225.0-	227.5	2.5	.01
			19210	227.5-	230	2.5	.02
			19211	230.0-	232.5	2.5	tr
			19212	232.5-	235	2.5	.02
		150.0-155 Poorly bleached.	19270	335.0-	337.5	2.5	.10

TERRAIN SENATOR ROUYN
PROPERTY

TROU No. 111-6
HOLE No. 8-114

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 2
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. DEP.

ANGLE

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		166.0-170 Rusty oxidized bands.	19271	398.0	403.5	5.5	.14
173.0	205	Chloritized zone with some zone poorly silicified with mauve quartz.	19251	416.8	420	3.2	.05
			19252	420.0	422.5	2.5	.07
			19253	427.5	425	2.5	.01
			19254	425.0	427.5	2.5	.03
205.0	240	Poorly bleached carbonate zone, a little streaky scattered fine pyrite.	19255	427.5	430	2.5	.08
			19256	430.0	432.5	2.5	.04
240.0	425	Diprite, fine grained, somewhat chloritized and cut by occasional quartz stringers 450 to core	19257	432.5	435	2.5	tr
			19258	435.0	437.5	2.5	.10
			19272	437.5	440	2.5	.03
		335.0-337.5 Slightly silicified and mineralized with streaky fine pyrite, slight shearing 450 to core.	19273	440.0	442.5	2.5	.18
			19274	442.5	445	2.5	.07
			19275	445.0	447.5	2.5	.05
			19276	447.5	450	2.5	.16
		372.0-398 Very fine grained and darker.	19235	450.0	452.5	2.5	tr
			19236	452.5	455	2.5	.20
		398.0-403.5 Fairly well silicified and cut by some quartz stringers which are irregular and cut core from 00 to 450	19237	455.0	457.5	2.5	.08
			19238	457.5	460	2.5	.03
			19239	460.0	462.5	2.5	.02
			19240	462.5	465	2.5	.01
425.0	497.5	Heavily chloritized and cut by purple silicious bands with fair to good mineralization, fine to medium grained pyrite.	19241	465.0	467.5	2.5	.02
			19242	467.5	470	2.5	.28
			19243	470.0	472.5	2.5	.07
			19244	472.5	475	2.5	.15
		490.0-492.5 Well bleached & silicified & fairly well mineralized.	19245	475.0	477.5	2.5	.20
			19246	477.5	480	2.5	.03
			19247	480.0	482.5	2.5	tr
		492.5-497.5 Chloritized and cut by quartz carbonate stringers with oxidation lft lost at 495	19248	482.5	485	2.5	.01
			19249	485.0	487.5	2.5	tr
			19250	487.5	490	2.5	tr
			19301	490.0	492.5	2.5	.16

TERRAIN **SENATOR ROUYN**
 PROPERTY

TROU No. ¹¹¹⁻⁴
 HOLE No. **S-114**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **3**
 SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
 CO-ORDINATES COLLAR

ORIENTATION
 BEARING

COMMENCÉ LE
 DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
 DATE FINISHED _____

ÉLEVATION, ORIFICE
 ELEVATION, COLLAR _____

PROFONDEUR TOTALE
 TOTAL DEPTH _____

JOURNAL PAR
 LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
40	5-531.5	Heavily chloritized quartz diorite, abundant mauve quartz eyes & silicification poorly mineralized.	19302	492.5	495	2.5	11
			19277	495.0	497.5	2.5	tr
			19278	497.5	500	2.5	tr
			19279	500.0	502.5	2.5	tr
		504.0-505 Rusty oxidized slips 450 to core.	19280	502.5	505	2.5	01
			19281	505.0	507.5	2.5	tr
			19282	507.5	510	2.5	tr
			19283	510.0	512.5	2.5	tr
			19284	512.5	515	2.5	tr
			19285	515.0	517.5	2.5	tr
			19286	517.5	520	2.5	tr
			19287	520.0	522.5	2.5	tr
			19288	522.5	525	2.5	tr
531.5		End of S-114					

TERRAIN PROPERTY **SENATOR ROUYN**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

TROU No. **S-115**
HOLE No.

FEUILLE No. **1**
SHEET No.

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

LAT. **1697.05** DER. **3612.42**

ELÉVATION, ORIFICE
ELEVATION, COLLAR

ORIENTATION **S170-03W**
BEARING **Surface 491 456**
888 388

ANGLE _____

PROFONDEUR TOTALE **430**
TOTAL DEPTH

COMMENCÉ LE **OCTOBER 3rd. 1945**
DATE BEGUN

TERMINÉ LE **OCTOBER 23rd. 1945.**
DATE FINISHED

JOURNAL PAR **A. C. LEE**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.	40	Casing	19428	498.0-500		2.0	tr
40.0-	45	Slightly bleached.	19429	705.0-707.5		2.5	tr
			19430	707.5-710		2.5	tr
45.0-164		Diorite fine grained slightly chloritized. 6 inch shear at 400 to core at 119' and at 124'.	19431	710.0-712.5		2.5	tr
			19432	712.5-715		2.5	tr
			19433	715.0-717.5		2.5	tr
		127.0-147 Slightly bleached.	19434	717.5-720		2.5	tr
			19435	720.0-722.5		2.5	tr
		150.0-160 Crushed and highly carbonitized and chloritized with slips some oxidized and probable weak fault zone 153-157	19436	722.5-725		2.5	tr
			19437	725.0-727.5		2.5	tr
			19438	727.730		2.5	tr
			19439	730.0-732.5		2.5	tr
		160.0-164 Crushed zone but less altered carbonitized, slips at 450 to core.	19440	732.5-735		2.5	tr
			19441	735.0-737.5		2.5	tr
			19442	737.5-740		2.5	tr
164-300	300	Rhyolite or Dacite					
		191.0-200 Softer, slightly shearing at 450 to core cut by occasional quartz carbonate stringers-barren.					
		213.0-217 fine grained diorite.					
		239.0-243 Diorite					
		250.0-255 Diorite					
		268.0-274 Diorite fine grained.					
		283.0-299 Andesite slightly sheared at 45 to core & softer cut by some quartz carbonate stringers.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
300.0-	405	Diorite fine grained.					
	305.0-309	Andesite.					
	325.0-360	Lighter colored probably due to rhyolite inclusions.					
	390.5-391.5	Barren quartz vein.					
	391.5-405	Cut by quartz epidote stringers with slight bleaching.					
405.0-	430	Chloritized zone, diorite.					
	421.0-430	Cut by some quartz carbonate stringers with a little bleaching.					
430.0-	622	Diorite fine grained massive with occasional rhyolite inclusions.					
	444.0-461	Fine leucoxene development.					
	482.0-498	Andesite inclusions, occasionally with slipsé					
	535.0-545	Andesite inclusions with a little shearing & quartz carbonate stringers.					
	556.0-566	Andesite cut by quartz carbonate stringers veins.					
	605.0-610	Coarse grained & heavily chloritized fairly soft cut by frequent weak sheaving quartz carbonate stringers at 600 to core some folding					

TERRAIN **SENATOR ROUYN**
PROPERTY

111-6
TROU No. _____
HOLE No. **S-115**
FEUILLE No. _____
SHEET No. **3**
SECTION _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		601.5-602 Fairly well silicified mineralized.					
622.0-	655	Fine grained diorite-massive.					
655.0-	689	Chloritized.					
		665-670 Slight sheared & cut by barren quartz stringers.					
		689-705 Andesite, soft & chloritized cut by many quartz carbonate stringers.					
		705-740 Mineralized zone, cut by frequent quartz carbonate stringers with silicification & streaky pyrite.					
		712-5-717.5 Very silicious & some streaks of heavy pyrite.					
		722.5-732.5 Irregular streaky & bands of fairly heavy pyrite.					
		740-800 Diorite fine grained massive many epidote stringers.					
		780-783 Numerous slips 30-45 possible weak fault zone.					
		783-800 Chloritized & softer, 797-798.8 broken possible fault zone.					
		800-822 Andesite, slightly crushed & sheared soft.					
		822-930 Diorite fine grained heavily chloritized, and cut by numerous quartz carbonate stringers & red hematite slips at 450 to core.					
		850-862 Slightly sheared @ 600 to core.					
		862-866 Sheared andesite inclusions.					
		866-903 Weakly sheared & fractured 600 - 700 to core some andesite inclusions & numerous quartz carbonate stringers.					
		930 End of S-115					

TERRAIN
PROPERTY **SENATOR ROUYN**

111-6
TROU No. **S-116**
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. **1**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION S 37- 24 E
BEARING

COMMENCÉ LE OCTOBER 8th.1945
DATE BEGUN

LAT. **2097.92** DEP. **1747.35** E

Surface 569 35'
330 32'
ANGLE 885 39'

TERMINÉ LE OCTOBER 17th.1945
DATE FINISHED

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE 690'
TOTAL DEPTH

JOURNAL PAR A. C. LEE
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
C -	22	Casing	19351	202.5-	206	3.5	.16
			19352	208.0-	209.5	3.5	tr
22.0-	33	Diorite, cut by frequent quartz carbonate stringers & bleached.	19353	209.5-	212	2.5	.03
			19354	212.0-	215	3.0	.02
33.0-	57	Diorite, fine grained massive.	19371	226.0-	228.5	2.5	.07
			19372	260.0-	264	4.0	.06
			19373	286.0-	288.5	2.5	.04
57.0-	80	Bleached zone.	19374	303.5-	306	2.5	.01
			19355	343.5-	346	2.5	tr
		57.0-60 Well bleached & silicified - some quartz stringers at 450.	19375	385.0-	388	3.0	tr
			19376	388.0-	391	3.0	tr
			19377	391.0-	394	3.0	tr
80.0-	270	Diorite, cut by frequent narrow quartz stringers 30 to 45 & somewhat chloritized.	19378	481.5-	484.5	4.0	tr
			19379	484.5-	487.5	3.0	tr
			19380	487.5-	490	2.5	tr
		95.0-100 Lost core	19381	490.0-	493	3.0	tr
			19382	505.0-	508	3.0	tr
		121.0-122 Lost core	19383	511.0-	514	3.0	.02
			19384	514.0-	517	3.0	tr
			19385	597.0-	600	3.0	tr
		125.0-145 Heavily chloritized (ground core 135-136 & 138-139)	19574	660.0-	663	3.0	tr
			19575	663.0-	666	3.0	.04
			19576	666.0-	669	3.0	.03
		145.0-155 Cut by frequent quartz stringers 40 to 60 to core. Ground core 153-154	19577	669.0-	672	3.0	.03
			19578	672.0-	675	3.0	.03
			19579	675.0-	678	3.0	.02
		163.0-168 Irregular quartz stringers with silicification.	19580	678.0-	681	3.0	.01
			19581	681.0-	684	3.0	.05
		175.0-180 Slight shearing at 300 to core with occasional quartz stringers & a little scattered pyrite.					

TERRAIN **SENATOR ROUYE**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. **2**
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR

TROU NO. **S-116**
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR

COMMENCÉ LE _____
DATE BEGUN

ORIENTATION _____
BEARING

TERMINÉ LE _____
DATE FINISHED

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		180.0-202.5 Well chloritized.						
202.5-	215	Cut by frequent irregular quartz stringers 0-300 to core some open vugs and occasional mineralized streaks. On the whole very poorly mineralized.						
215.0-	226	Heavily chloritized with leucoxene development.						
226.0-	228.5	Silicified with streaks & fine pyrite a slightly bleached.						
228.5-	260	Frequent quartz stringers at 30 to 600 to core & narrow streaks of fine pyrite.						
260.0-	264	Same but better mineralized.						
279-	285	Diorite fine grained massive. Chloritized. 285 - 547						
286.0-	288.5	Cut by narrow quartz stringers 700 to core with little streaky pyrite.						
303.5-	306	Same.						

TERRAIN **SENATOR ROUIN** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. **3**

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. **S-116**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
348.0-	350	Quartz carbonate stringers 300 to core a little pyrite.						
385.0-	394	Quartz stringers with silifi- cation 10-200 to core some streaky pyrite.						
450.0-	481.5	Very fine grained and dark.						
481.5-	493	Cut by purplish quartz prophyry ton- gues & sheared at 400 to core and bleached streaky pyrite, some fairly heavy.						
505.0-	508	Same.						
511.0-	517	Same.						
547.0-	558	Weak bleached zone, frequent quartz carbonate stringers 40- 60 to core, with little blea- ching.						
558.0-	650	Quartz diorite abundant bluish quartz in matrix massive.						
597.0-	600	Albitized with little fine pyrite.						

TERRAIN **SENATOR ROUX** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. **1**

PROPERTY

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE **602.5**
TOTAL DEPTHCOORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. **1953.06 N** DEP **1662.55**TROU NO **S-117**
HOLE NO.

SECTION _____

JOURNAL PAR **A. C. LEE**
LOGGED BYÉLEVATION, ORIFICE
ELEVATION, COLLARCOMMENCÉ LE **OCTOBER 18th. 1945**
DATE BEGUNORIENTATION **S 23-26 E**
BEARING **Surface 310-390**TERMINÉ LE **OCTOBER 25th. 1945**
DATE FINISHEDANGLE **450' 220'**
600' 180'

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0-	9	Casing	19451	157.0-	160	3.0	.01	
			19452	212.0-	213	1.0	tr	
9.0-	65	Chloritized Diorite.	19453	262.5-	264	1.5	.01	
			19454	281.0-	283.5	2.5	.03	
30.0-	35	Cut by quartz carbonate strin-	19455	299.0-	302	3.0	.08	
		gersveins with some breccia-	19456	302.0-	305	3.0	.08	
		tion but no mineral	19457	310.0-	312.5	2.5	.01	
65.0-	97	Diorite fine grained-massive	19458	312.5-	315	2.5	.02	
			19459	319.8-	322.8	3.0	.02	
97.0-	101	Andesite	19460	322.8-	326	3.2	tr	
			19461	326.0-	328.3	2.3	tr	
101.0-	106.5	Ground core	19462	328.3-	331.1	2.88	tr	
			19463	331.1-	335	3.9	.01	
			19501	432.0-	435	3.0	.03	
106.5-	117.5	Purple porphyry very fine	19502	435.0-	438	3.0	.14	
		grained with diorite inclusions	19464	335.0-	338.5	3.5	tr	
117.5-	132	Diorite fine grained.	19465	338.5-	342.5	4.0	.01	
			19466	342.5-	347	4.5	tr	
132.0-	175	Chloritized.	19467	347.0-	350	3.0	tr	
			19468	354.0-	357	3.0	tr	

TERRAIN **SENATOR ROUYN** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. **2**

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. **S-117**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
			19469	357.0-	360	3.0	tr.	
141.0-	143	Quartz carbonate stringers, some rusty.	19470	360. -	363	3.0	tr	
			19492	438.0-	341	3.0	.02	
148.0-	157.5	Silicified slightly with lost core at 153-154 and 156-157						
157.0-	160	Fairly well silicified, mine- ralized with scattered pyrite some coarse.						
175.0-	195	Massive Diorite.						
195.0-	234	Slightly chloritized & altered.						
212.0-	213	Quartz tourmaline stringers with some silicification some streaky pyrite slight shearing 700 to core.						
217.0-	219	Quartz stringers slight shearing barren.						
234.0-	275	Bine grained massive diorite.						
245.0-	254	Quartz diorite abundant mauve quartz.						
262.5-	264	Slightly sheard & silicified 700 to core with a little streaky pyrite.						

TERRAIN **SENATOR ROUY** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 3
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____

TROU NO. S-117
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____

ÉLEVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
275.0-	326	Chloritized.							
275.0-	278	Weak shear 700 to core with little silicifications bleaching.							
281.0-	283.5	Same, with better bleaching & some streaks mineralized, and albitized.							
299.0-	305	Several bleached pink & mauve silicious and albitized bands fairly well mineralized.							
310.0-	315	Pink to mauve bands with better silicification mineral.							
319.8-	322.8	Same.							
326.0-	343.5	Soft rusty oxidized altered section sheared & cut by slips 400 to core probable faults 327-329- and 331-333							
342.5-	464	Poorly bleached & altered.							
347.0-	350	Well silicified fairly well bleached with 1 foot quartz and a little streaky pyrite.							

TERRAIN **SENATOR ROUY** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. **4**

PROPERTY

SHEET NO.

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. **S-117**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
354.0-	358	Silicified & bleached with some bands slightly mineralized.							
363.0-	432	Weakly bleached and cut core at 600 with occasional quartz car- bonate stringers and a little infrequent mineral.							
432.0-	438	Slightly sheared & silicified at 400 to core a little pyrite & a little fuchite 434.5 to 435.5 is quartz tourmaline with rusty oxidized material.							
464.0-	538	Fairly well chloritized.							
480.5-	481.5	Lost core 483-484 L.C. 486-487 L.C.							
495.0-	499	Weakly silicified & bleached.							
507.0-	517	Andesite inclusions soft.							
517.0-	525	Lost core reported sand & gravel but does not look like fault.							
525.0-	538	Andesite inclusions-slightly sheared at 300-450 to core.							
538.0-	602.5	Diorite-fine grained-bleached massive.							
550.0-	602.5	Medium to coarse grained, some almost granitic phases.							
602.5		End of S-117.							

TERRAIN SENATOR ROUIN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO.

PROPERTY JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 833.0
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. S-118
HOLE NO.

SECTION _____

LAT. 3886.78 DEP 960.66

JOURNAL PAR A. C. LEE
LOGGED BY

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

COMMENCÉ LE OCTOBER 18th. 1945
DATE BEGUN

ORIENTATION S 33o 23 W
BEARING

TERMINÉ LE NOVEMBER 8th. 1945
DATE FINISHED

ANGLE
0 - 65o 50
250 64o
500 64o
750 64o

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0-	60	Casing	19593	675.0-	677.5	2.5	.03	
			19594	677.5-	680	2.5	tr	
60.0-	143	Diorite, fine grained, slightly bleached, but fairly massive.	19595	680.0-	682	2.0	.02	
			19596	682.0-	685	3.0	.01	
			19597	685.0-	687.5	2.5	.01	
135.0-	141	Numerous weak slips 450 to core with some oxidation.	19598	687.5-	690	2.5	.01	
			19599	690.0-	692.5	2.5	tr	
			19600	692.5-	695	2.5	tr	
151.0-	143	Weak fault with 1/2" gauge at 143' 3/4	19601	695.0-	697.5	2.5		
			19062	697.5-	700	2.5		
143.0-	275	Diorites very fine grained, massive, light grey						
185.0-	195	Very hard slightly silicified, a little scattered fine pyrite, weak slip at 450 to core at 221'						
275.0-	351	Medium grained massive diorite.						
288.0-	293	Occasional narrow quartz stringers 300 to core with a little pyrite.						
310.0-	320	Slightly chloritized.						
335.0-	340	Very dark medium grained diorite.						

TERRAIN SENATOR ROUEN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 2

PROPERTY

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S-118
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
351.0-	374.5	Chloritized, very fine grained.						
374.5-	400	Quartz porphyry, with prominent rounded to sub-angular quartz phenocrysts up to $\frac{1}{2}$ inch. Pyrophyry is fairly well fractured & shattered at 10.450 to core.						
395.0-	396	Rusty quartz barren.						
400.0-	435	Chloritized & dark massive.						
418.5-	419	quartz carbonate stringer.						
435.0-	441	Quartz porphyry dyke cut by core at 450 purple.						
441.0-	471	Diorite fine grained massive.						
471.0-	475	Chloritized.						
473.0-	474	Sheared 450 to core & cut by some quartz epidote stringers barren.						
475.0-	563	Fine grained massive diorite.						
525.0-	550	Medium grained diorite.						
563.0-	592	Diabase, fine grained black.						
569.0-	578.5	Diorite.						

TERRAIN SENATOR ROLYN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE 877.0'
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. S-119
HOLE NO.

SECTION _____

LAT. 3454.83 DEP. 1575.55

JOURNAL PAR A. C. LEE
LOGGED BY

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

COMMENCÉ LE OCTOBER 27th. 1945
DATE BEGUN

ORIENTATION S 41° 31' W
BEARING

TERMINÉ LE NOVEMBER 8th. 1945
DATE FINISHED

ANGLE 300 620
600 580
877 510

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0.0-	17	Casing.	19617	750.0-	752.5	2.5	.01	
			19618	752.5-	755.5	3.0	.01	
17.0-	128	Diorite, fine grained massive slightly chloritized	19619	772.5-	774	1.5	tr	
			19620	774.0-	775		L. C.	
72.00	77	Slightly brecciated and cut by occasional quartz strin- gers - some leucoxene develop- ment.	19621	775.0-	776	1.0	tr	
128.0-	154	Chloritized, with leucoxene development						
147.0-	151.5	Andesite dyke						
154.0-	172	Fine grained massive diorite.						
172.0-	262	Chloritized.						
172.0-	176	Slightly sheared brecciated with a little quartz bleaching.						
192.0-	197	Heavily chloritized and a little scattered fine pyrite.						
262.0-	305	Fine grained massive diorite.						
305.0-	375	Chloritized very fine grained.						
332.0-	347	Fine leucoxene development.						

TERRAIN SENIATOR ROBYN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 2

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____

TROU NO. 5-119
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
375.0-	380.5	Purple to red quartz perphyry fractured - cut by quartz stringers at 700 to core.						
380.5-	392	Fine grained massive diorite.						
392.0-	417	Fairly well sheared 40-50' to core cut by narrow barren quartz carbonate stringers.						
400.0-	417	Slightly bleached shearing at 200						
417.0-	575	Fine grained massive diorite.						
444.0-	447	Slightly sheared 70-900 to core cut by barren quartz carbonate stringers.						
482.0-	492	Medium grained massive diorite						
499.0-	501	Sheared slicified 700 to core with streaky fine pyrite.						
525.0-	526	Some almost barren.						
533.0-	535	Quartz threads 40-600 to core.						
540.0-	556	Fractured & broken with some minor rusty slips slightly shears at 600 to core.						

TERRAIN SENATOR ROLY MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 3

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 8-119
HOLE NO. _____

SECTION _____

LAT. _____ DEP. _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
556.0-	575	Chloritized patches.							
575.0-	640	Chloritized.							
577.0-	582	Slightly sheared at 700 cut by many quartz carbonate stringers almost barren.							
595.0-	596	Quartz vein.							
612.0-	617	Occasional quartz stringers at 600 to core.							
627.5-	629	Quartz stringers 600 to core barren.							
640.-	715	Slightly chloritized.							
675.0-	695	Fairly well chloritized.							
706.0-	707	Lost core, oxidized slips at 450 to core.							
709.0-	710	Same							
715.0-	740	Weak fault zone, slightly crushed & soft							
717.5-	720	Lost core							
722.0-	725	Lost core							
727.0-	728	Lost core							

TERRAIN SÉLÉCTION ROUY MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 4
SHEET NO.

PROPERTY _____ JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR

TROU NO. S-119
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR

COMMENCÉ LE _____
DATE BEGUN

ORIENTATION _____
BEARING

TERMINÉ LE _____
DATE FINISHED

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
728.5-	730	Lost core							
736.0-	737	Rusty quartz stringers at 10- 200 to core							
738.0-	739.5	Lost core							
740.0-	750	Diorite massive fine grained.							
748.0-	748.5	Barren quartz							
750.0-	800	Altered zone, cut by fairly frequent quartz carbonate stringers & veins almost barren.							
750.0-	755.5	Mostly quartz carbonate with last 3 feet oxidized rusty.							
774.0-	775	Lost core.							
775.0-	776	quartz, with 1" fairly well mineralized							
776.0-	777	Lost core							
777.5-	778	Lost core							
800.0-	877	Diorite fine grained massive slightly chloritized bands							
	877'	End of S-119							

TERRAINS MINIER ROYAL MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO.

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 1092
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. S-120-A
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR A. C. LEE
LOGGED BY

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

COMMENCÉ LE NOVEMBER 4th. 1945
DATE BEGUN

ORIENTATION
BEARING 0 - 470

TERMINÉ LE DECEMBER 3rd. 1945
DATE FINISHED

ANGLE 300 - 500
600 - 400
900 - 380
1092 - 370

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0.0-	30	Casing	19626	278.0-	279	1.0	tr		
			19627	284.0-	288	4.0	tr		
30.0-	70	Diorite fairly well chloriti- zed-some bleached sect.	19628	340.0-	343	3.0	tr		
			19629	428.5-	431	2.5	tr		
043.0-	45	Quartz carbonate stringers-some bleaching.	19666	902.0-	905	3.0	.02		
			19667	905.0-	907	2.5	.02		
70.0-	210	Rhyolite, light grey.	19668	914.0-	916	2.0	tr		
			19669	919.0-	921	2.0	tr		
83.0-	85	Slightly sheared at 60 with quartz carbonate stringers@barren.							
109.0-	156	Brecciated.							
180.0-	193	Brecciated.							
202.0-	210	Sheared at 150 to core & cut by some barren quartz.							
210.0-	250	Diorite fine grained.							
232.0-	240	Chloritized.							
240.0-	250	Crushed & cut by some slips 40-60c to core. 241.0-243 lost core.							
250.0-	292	Fault zone. Heavily sheared diorite and andesite 450 to core mostly lost core and many vugs.							

TERRAIN SENAIOR ROUY MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 2

PROPERTY

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S 120-A
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
		Lost core 250-252; 253- 258; 260-263; 264-273; 275.5-278 279-284.						
292.0-	308	Heavily chloritized much leucozène.						
308.0-	325	Diorite, massive fine grained, some chloritization.						
325.0-	329	Chloritized.						
325.0-	340	Silicified bands with a little bleaching.						
340.0-	343	Same with a little streaky pyrite.						
392.0-	401	Andesite inclusions cut by epidote stringer.						
401.0-	446	Fault zone, crushed soft sections, cut by oxidized slips at 600 to core, Lost core 406-410; 415.5-417; 422-423.5; 427-428.5;						
428.5-	431	Rusty oxidized with vugs and some coarse pyrite.						
		Lost core 438-440; 441-442; 445-446.						
446.0-	477	Heavily chloritized & altered.						
450.0-	460	Frequent slips at 40-60' to core & some vuggy openings.						
460.0-	477	Rhyolite inclusions.						

TERRAIN SENATOR ROUY MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
PROPERTY _____

FEUILLE NO. 3
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____

TROU NO. S-120 A
HOLE NO. _____

SECTION _____

LAT. _____ DEP. _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
477.0-	585	Slightly altered section with some bleaching.						
477.0-	498	Some bleached sections.						
498.0-	500	Lost core.						
500.0-	520	Weak fault zone with numerous slips at 300 600 to core $\frac{1}{2}$ " clay at 505.						
520.0-	585	Strong fault zone. (524-525) Lost core. (525.5-530) (531-532) (532.5-534) (535.5-538) (539-549) All lost core. In this some short sections bleached, soft highly altered schist. (551-555) (556.5-560) (562-563.5) (565-567) (571.5-575) All lost core. In this rock is recovered section is harder but shows signs of having been crushed.						
575.0-	585	Bleached & fractured.						
585.0-	628	Slightly chloritized zone, diorite.						
604.0-	614	Fractured at 600 to core with some crushing and open vuggy seams.						

TERRAIN SENATOR ROYER
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE NO. 4
SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR

TROU NO. S-120 A
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR

COMMENCÉ LE _____
DATE BEGUN

ORIENTATION _____
BEARING

TERMINÉ LE _____
DATE FINISHED

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
620.0-	628	Same.							
628.0-	740	Fault zone, rusty oxidized with many clay slips and much shearing and lost core.							
628.0-	629	Quartz with epidote vuggy.							
629.0-	630	1/2 inches clay gauge, and at 632, 2 inches clay gauge.							
632.5-	635	Lost core							
635.5-	640	Lost core							
640.5-	642	Lost core.							
643.0-	644	Lost core.							
647.0-	648	Lost core.							
		(651.5-653.5) (654.5-656.5) (657-658) (659-663) Lost core.							
663.0-	663.5	Rusty oxidized with 2' inches clay.							
663.5-	665	(666-670) Lost core							
670.0-	670.5	Rusty oxidized, soft & heavily carbonatized.							
670.5-	674	Lost core.							
674.0-	710	Rusty oxidized & heavily carbonitized about 90% of core lost this grinding soft oxidized material.							

TERRAIN SENIATOR ROUYIN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 5
SHEET NO.

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 8-120 A
HOLE NO. _____

SECTION _____

LAT. _____ DEP. _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
		Diorite.							
710.0-	740	Heavily sheaved at 40" to core with many vugs. 90% core lost thru grinding soft schist, schist seems barren.							
740.0-	818	Andesite, with occasional tongues of diorite, heavily chloritized & slight sheared at 600							
741.0-	743	Lost core (753.5-755(756.5-757.5) (760-762) (763-765) 766.5-767.5) (769-771) lost core.							
781.0-	781.5	Silicified and barren.							
785.0-	793	Heavily sheaved at 600 to core.							
818.0-	830	Syonite, redish brown, fine grained with abundant chlorite.							
830.0-	855	Diorite fine grained chloritized, some leucoxene development.							
845.0-	855	Slightly sheared at 600 to core.							
855.0-	900	Quartz Diorite.							
860.0-	880	Medium grained diorite.							
(892-895)		(896-897.5) Lost core.							

TERRAIN SENATOR ROUY MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
PROPERTY

111.6
FEUILLE NO. 1
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 876.0'
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. S - 121
HOLE NO.

SECTION _____

LAT. 3886 42N DEP. 961.28 E

JOURNAL PAR A. C. LEE
LOGGED BY

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

COMMENCÉ LE NOVEMBER 9th. 1945
DATE BEGUN

ORIENTATION S 40° 42' E
BEARING

TERMINÉ LE NOVEMBER 26th. 1945
DATE FINISHED

ANGLE 250 - 620
500 - 650
798 - 650

GAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0.0-	70	Casing.	19654	173.50	176.5	3.0	tr.		
			19655	176.5-	179.5	3.0	tr.		
70.0-	179	Diorite five grained massive	19656	179.5-	182.0	2.5	tr.		
			19657	469.0-	472.5	3.5	.05		
80.0-	83	Andesite dyke.	19658	472.5-	475.0	2.5	tr		
			19659	475.0-	479.0	4.0	tr		
90.0-	92	Andesite dyke.	19660	730.0-	732.0	2.0	tr		
			19661	742.0-	743.5	1.5	tr		
119.0-	125	Fractured at 45-600 to core at	19637	757.5-	760.0	2.5	.02		
		124' 3" inches brecciated - si-	19638	760.0-	762.5	2.5	.02		
		licified with nice looking pyrite	19639	762.5-	765.0	2.5	.04		
			19640	765.0-	769.5	2.5	.01		
125.0-	131	Andesite inclusions.	19641	767.5-	770.5	3.0	tr		
			19670	775.0-	778.0	3.0	.02		
140.0-	145	Same with fracturing and strea-	19671	778.0-	781.0	3.0	tr		
		ky mineral.	19672	781.0-	785.0	4.0	tr		
			19673	800.0-	804.0	4.0	.11		
150.0-	170	Slightly carbonitized massive	19674	804.0-	808.0	4.0	tr		
170.0-	179	Slightly bleached.	19675	808.0-	810.0	2.0	tr		
179.0-	181	Grey wuartz porphyry cut by							
		some quartz stringers a little streaky pyrite.							

TERRAIN SENATOR ROUY MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
PROPERTY

FEUILLE NO. 2
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. S -121
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR

COMMENCÉ LE _____
DATE BEGUN

ORIENTATION _____
BEARING

TERMINÉ LE _____
DATE FINISHED

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
235.0-	238	Andesite inclusions							
246.0-	255	Andesite inclusions fractured 45 to 60 to core.							
268.0-	280	Slightly bleached.							
295.0-	298	Slightly bleached.							
300.0-	322	Diorite, medium grained massive.							
316.0-	322	Andesite inclusions.							
322.0-	377	Fine grained diorite slightly chloritized fractured 45 to core.							
334.0-	349	Rhyolite inclusions at 345' $\frac{1}{2}$ inch gauge and slips.							
349.0-	350	Sheared altered 60 to core with a little rust & fine pyrite.							
362.0-	364	Andesite inclusions.							
372.0-	377	Andesite inclusions.							
377.0-	415	Diorite massive							
390.0-	395	Medium grained diorite.							
408.0-	415	Andesite inclusions with small quartz amigdules.							
415.0-	525	Chloritized diorite.							

TERRAIN SENATOR ROUTIN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 3

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 5-121
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
469.0-	525	Cut by quartz stringers with fair silicification some bleaching five streaky pyrite.							
472.5-	481	Fairly heavily chloritized.							
525.0-	571	Diorite, five grained massive.							
535.0-	551	Frequent becciated bands 100 to 300 to core with quartz - calcite barren.							
555.0-	557	Leucoxene development - cut by some quartz stringers.							
571.0-	714	Chloritized leucoxene development.							
587.0-	601	Medium grained massive diorite.							
620.0-	622	Andesite inclusions.							
645.0-	649	Slightly carbonatized with very little bleaching.							
660.0-	675	Same Slightly silicified zone.							
714.0-	775	Fairly heavily chloritized fine leucoxene development narrow quartz stringers at 700							

TERRAIN SIGNATOR ROUYER MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 4

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S - 121
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
730.0-	732	Cut by some quartz stringers with a little bleaching - some fine pyrite.							
742.0-	743.5	Same							
757.5-	762.5	Same							
762.5-	770.0	Better bleached - mineralized. Quartz diorite silicified.							
775.0-	785	Scattered fine pyrite.							
785.0-	800	Cut by occasional narrow quartz stringers with silicification bleaching.							
800.0-	810	Bleached & altered zone.							
800.0-	804	Quartz veining-oxidized slip with gauge 802 to 803.							
804.0-	808	Chloritized slightly sheared 600 to core							
808.0-	810	Fairly well silicified cut by cherty quartz stringers - barren.							
810.0-	851	Slightly chloritized - altered - fairly massive and fine grained diorite.							
851.0-	876	Diorite fine grained massive with some inclusions of andesite.							
876		End of S - 1214							

TERRAIN SENATOR ROUIN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
PROPERTY

FEUILLE NO. 1
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 1025.0'
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. S - 122
HOLE NO.

SECTION _____

LAT. 3453.43 DEP 1576.24

JOURNAL PAR A. C. LEE
LOGGED BY

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

COMMENCÉ LE NOVEMBER 7th. 1945
DATE BEGUN

ORIENTATION S 66° 52' W
BEARING

TERMINÉ LE NOVEMBER 22nd. 1945.
DATE FINISHED

ANGLE
500' 66° 53'
750' 57°
1025' 47°

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0.0-	16.0	Casing	19630	763.5-	765.5	2.0	.01		
			19631	781.5-	786.	4.5	.01		
16.0-	60.0	Diorite fine grained massive	19632	901.0-	905	4.0	tr		
			19633	945.0-	948.	3.0	tr		
60.0-	107	Chloritized some leucoxene developments and occasioned narrow quartz stringers.	19642	948.0-	950.	2.0	tr		
			19635	950.0-	953.	3.0	.02		
			19636	953.0-	957.	4.0	.02		
107.0-	205	Five grained Diorite - Massive							
118.0-	125	Fracture at 40-60o to core							
130.0-	140	Slightly chloritized.							
174.0-	175.5	Quartz veining 60o to core-slight shearing - barren.							
202.5-	203	Quartz stringers							
205.0-	225	Slightly chloritized, slight leucoxene development.							
217.5-	218	quartz stringers.							
225.0-	250	Diorite fine to medium grained, Massive							
250.0-	335	Chloritized with considerable leucoxene development.							
274.0-	275	Slightly sheared at 45o to core with barren quartz.							
300.0-	315	Very poorly altered.							

TERRAIN **SENATOR ROUYN**
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

FEUILLE NO. 2
SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. 8 - 122
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR

COMMENCÉ LE _____
DATE BEGUN

ORIENTATION _____
BEARING

TERMINÉ LE _____
DATE FINISHED

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
320.0-	327	Fairly well sheared at 450 to core cut by occasional quartz stringers.							
325.0-	525	Diorite, five to medium grained, Massive.							
422.0-	424	Slightly sheared at 600 to core							
425.0-	443	Slightly chloritized.							
525.0-	562	Slightly bleached altered zone occasioned weak shears 700 to core with quartz stringers.							
562.0-	587	Fine grained massive diorite.							
587.0-	612.5	Chloritized.							
597.0-	600	Cut by occasional quartz stringers up to 6 inches, at 600 to core.							
611.5-	612.5	Lost core.							
612.5-	678	Diorite, massive, with white blotches and light colored lave inclusions. (628.0-629.5)(630-631) lost core.							
678.0-	679	Slightly chloritized.							
689.0-	740	Diorite, medium grained massive.							
740.0-	757	Slightly chloritized.							

TERRAIN SENATOR ROUIN
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 1323
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. 8 - 123
HOLE NO.

SECTION _____

LAT. 4213.19 DEP 707.29

JOURNAL PAR A. C. LEE
LOGGED BY

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

COMMENCÉ LE DECEMBER 1st. 1945
DATE BEGUN

ORIENTATION
BEARING

TERMINÉ LE JANUARY 12th. 1946
DATE FINISHED

ANGLE
0 90°
400 90°
900 88°
1323 88°

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0-	15	Casing	19799	922.0-	925.0	3.0	tr.		
			19902	1005-	1006.0	1.0	tr.		
15-	285	Diorite fine grained massive, light grey,	19942	1006.0-	1008.0	2.0	lost	core	
			19943	1008.0-	1010	2.0	lost	core	
21-35		Brecciated sections.	19903	1010 -	1013	3.0	.18		
74-85		Slightly silicified and bleached 3 inches quartz at 50' and 53' and 68'.	19904	1013-	1016.5	3.5	tr.		
			19905	1016.5-	1020	3.5	.05		
111-	112	Fairly heavily fractured.	19959	1110-	1112	2.0	tr.		
115-	121	Same slips at 400 to core. 6 inches. quartz at 139.	19960	1112-	1115	3.0	.01		
			19961	1115-	1117	3.0	tr.		
149-	150	quartz stringer.	20002	1277.5	1279.5	2.0	tr.		
181-	185	quartz stringers with silifi- cation at 700 to core-barren							
208-	210	quartz epidote stringers at 600 to core.							
210-	220	Very fine grained.							
225-	235	Occasioned quartz carbonate stringers at 60-90 to core - barren.							
240-	241	Many quartz carbonate stringers.							
254-255		Slightly sheared & silicified at 600 to core.							

TERRAIN SENATOR ROUYN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
PROPERTY

FEUILLE NO. 2
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR

TROU NO. 8 - 123
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR

COMMENCÉ LE _____
DATE BEGUN

ORIENTATION _____
BEARING

TERMINÉ LE _____
DATE FINISHED

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
275-	280	Occasional quartz stringers at 700 to core with a little bleaching.						
285-	434	Amygdaloidal andesite inclusion $\frac{1}{2}$ inch quartz carbonate amygdules. (313-317 numerous quartz stringer 600 to core with some silicification.)						
354-	358	Brecciated.						
397-	402	Fractured & slightly sheared at 600 to core cut, by quartz carbonate stringers but almost barren.						
424-	452	Rhyolite						
445-	452	Fragmental.						
452-	763	Diorite fine grained occasional andesite inclusion and short sections slightly chloritized.						
530-	543	Medium grained massive.						
550-	573	Same.						
629-	632	Slightly chloritized.						
647-	653	Cut by frequent quartz epidote stringers 400 to core.						
763-	842	Chloritized heavily.						
770.5	772	Dark quartz diorite - barren.						

M-M-68

TERRAIN SENATOR ROUIN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
 PROPERTY

FEUILLE NO. 3
 SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
 TOTAL DEPTH

COORDONNÉES ORIFICE _____
 CO-ORDINATES COLLAR

TROU NO. 8 - 123
 HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
 LOGGED BY

ÉLÉVATION, ORIFICE _____
 ELEVATION, COLLAR

COMMENCÉ LE _____
 DATE BEGUN

ORIENTATION _____
 BEARING

TERMINÉ LE _____
 DATE FINISHED

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
783-	805	Less chloritized but fractured at 200 -400 to core.						
805-	824	Well brecciated.						
830-	842	Fractured at 700 to core and cut by numerous narrow quartz stringers & threads.						
842-	900	Diorite fine grained massive some sections lighter colored.						
896-	900	Medium to coarse grained diorite.						
900-	950	Chloritized section.						
920-	925	Heavily chloritized slightly sheared at 200 to core with leucoxene development and at 923-6 inches quartz.						
925-	940	Sheared at 200 to core with fairly heavy shearing & lost core 925 to 930.						
950-	1005	Massive fine grained diorite.						
973-	975	Amygdaloidal andesite inclusions.						
988-	992	Same						
1005-	1126	Slightly sheared & well chloritized zone sheared at 300 to core.						
1006-	1010	Lost core.						
1010-	1013	Fairly well bleached & altered some bands fairly well mineralized about 1' lost core throughout sample.						

TERRAIN SENATOR ROUYK MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
PROPERTY

FEUILLE NO. 4
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR

TROU NO. 8 123
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY

ÉLEVATION, ORIFICE _____
ELEVATION, COLLAR

COMMENCÉ LE _____
DATE BEGUN

ORIENTATION _____
BEARING

TERMINÉ LE _____
DATE FINISHED

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
1013-	1020	Some bleached & silicified sections with streaky pyrite.							
1020-	1035	Leucocoxene development - 6 inches lost core at 1031'.							
1035-	1040	Sheared at 400 to core. A few quartz carbonate stringers.							
1054-	1063	Occasional fragmental bands and pillow outlines preserved as inclusions.							
1091-	1096	Same as above.							
1110-	1112	Slightly sheared at 400 to core and cut irregular quartz, carbonate stringers no bleaching.							
1112-	1115	Same but last foot well silicified & bleached and mineralized with fine streaky pyrite.							
1115-	1117	Cut by siliceous bands but almost barren.							
1126-	1165	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX Diorite fine grained massive, light, grayish green. Probably mostly a dacite.							
1165-	1323	Rhyolite.							

TERRAIN SENATOR ROUYN
PROPERTY

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO.

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 100
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

TROU NO. S 123 W
HOLE NO.

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR A. C. LEE
LOGGED BY

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

COMMENCÉ LE FEBRUARY 11th. 1946
DATE BEGUN

ORIENTATION
BEARING

TERMINÉ LE FEBRUARY 14th. 1946
DATE FINISHED

ANGLE 90o

GAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
			20428	1006-1010		4.0	tr.	
950-	1006	Diorite, fine grained massive.	20348	1010-	1012.5	2.5	.03	
972	998	Amygdaloidal, probable andisite inclusions.	20349	1012.5-	1015	2.5	.02	
1006	1021	Weak ore section.	20350	1015-	1017.5	2.5	.25	
1006-	1007.5	Bleached streaks 45o to core	20351	1017.5	1020	2.5	tr	
1015	1017.5	Well bleached & fairly well mineralized.	20352	1020	1022.5	2.5	tr	
1017.5	1018.5	Fault with $\frac{1}{2}$ inch mud at 1018. At 1019.5 minor fault.						
1021	1045	Chloritized diorite sheared at 45o to core.						
1031	1033	Fairly well sheared cut by quartz carbonate stringers.						
1045	1050	Fine grained diorite, with inclusion of dacite, cut by occasional quartz stringer at 40o with some alteration & leu- coxene development.						
		End of S 123 W.						

TERRAIN SENATOR ROLYN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBECFEUILLE NO. 1

PROPERTY

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE 850
TOTAL DEPTHCOORDONNÉES ORIFICE
CO-ORDINATES COLLARTROU NO. S 124
HOLE NO.

SECTION _____

LAT. 1256.13 DEP. 2848.84JOURNAL PAR A. C. LEE
LOGGED BYÉLÉVATION, ORIFICE
ELEVATION, COLLARCOMMENCÉ LE DECEMBER 10th. 1945
DATE BEGUNORIENTATION S 37° E
BEARINGTERMINÉ LE JANUARY 1st. 1946
DATE FINISHEDANGLE 45°

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0	56	Casing.	19860	792.5	795.0	2.5	tr.		
56	145	Diorite, fine grained massive	19861	795.0	797.5	2.5	tr.		
		cut by occasional quartz car-	19862	807.5	810.0	2.5	tr.		
		bonate stringers a little	19863	810	812.5	2.5	tr.		
		bleaching occasional oxidized							
		slips at 200 to core.							
145-	155	Fault zone, slightly crushed							
		& oxidized crushed & oxidized.							
147	149	Heavily oxidized with some gage							
		and much lost core.							
155	281	Diorite fine grained cut by							
		frequent quartz carbonate stringers							
		at 400 to core with little bleaching.							
195	203	Fairly well sheared 450 to core a							
		little bleaching, barren.							
230	231	Quartz veining barren.							
2480	251	Some silicification & bleaching							
		600 to core							
254	262	same							
273	281	Quartz diorite.							

PROPERTY _____

FEUILLE NO. 2

SHEET NO. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. 8 124
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

GAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
281	316	Heavily chloritized.						
292	307	Sheared at 450 to core & cut by few narrow quartz stringers.						
316	332	Quartz diorite, medium grained abundant quartz.						
332	369	Diorite fine grained slightly chloritized.						
369	387	quartz diorite cut by many quartz stringers & fairly well silicified bleached in part.						
387	660	Fine to medium grained diorite slightly chloritized & bleached slightly.						
408	409	Barren quartz 300 to core						
425	465	Cut by frequent slips @ 600 to core broken up.						
484	492	quartz diorite						
545	559	Somewhat sheared at 70 to 900 & cut by frequent quartz stringers barren						
635	637	same						
660	730	Heavily chloritized & altered.						

TERRAIN **SENATOR ROUYN** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. **3**

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. **S 124**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
678.5	681	Probable fault 300 to core						
685	693	Heavily carbonitized slightly bleached						
693	702	Slightly sheared at 700 to core						
702	716	Brecciated with probable fault at 10-300 to core from 703-705 L.C. 705-714						
716	724	Numerous fractures at 600 to core.						
730	800	Fine grained massive diorite.						
750	767	Slight colored and hard probably numerous rhyolite inclusions.						
767	770	Slightly sheared at 450 to core with a little bleaching.						
775	792.5	Occasional rhyolite inclusions						
792.5	797.5	Same by slightly sheared at 450 to core with scattered fine pyrite.						
800	850	Chloritized, some rhyolite inclusions.						
807	810	Scattered fine pyrite						
810	812.5	Some heavy streaks of pyrite almost massive.						
812.5	820	Numerous rhyolite inclusions.						
835	845	Very highly silicious.						

850 is end of Hole S 124

TERRAIN SENATOR ROUAIN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC
PROPERTY

111.6
FEUILLE NO. 123
SHEET NO.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 698
TOTAL DEPTH
SECTION _____
JOURNAL PAR A. C. LEE
LOGGED BY
COMMENCÉ LE JANUARY 6th. 1946
DATE BEGUN
TERMINÉ LE JANUARY 24th. 1946
DATE FINISHED

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 46° 19' DEP. 2349.79
ÉLÉVATION, ORIFICE
ELEVATION, COLLAR
ORIENTATION S. 37° - 20 W
BEARING
ANGLE 250' 43°
450' 37°
690' 37°

TROU NO. S 125
HOLE NO.

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0	14	Casing	19953	145-	148	3.0	tr.		
14	91	Rhyolite cut by irregular quartz carbonate stringer 350 to 600 to core.	19954	148-	151	3.0	.02		
			19955	151-	154	3.0	tr		
64	80	Frequent quartz carbonate stringers with a little fine pyrite.	19956	154	157	3.0	tr		
			19957	157	160	3.0	tr		
91	520.5	Shear zone 400 to core fairly well carbonitized 94-95 fault	19958	160	163	3.0	tr		
			20025	395-	398	3.0	.02		
94	95	Fault with mud	20026	406-	409	3.0	tr		
98	98.5	Crushed & rusty	20027	413.5-	417.0	3.5	tr		
98.5	103	More lost core with occasional narrow rusty crushed pieces.	20028	417.0-	420.5	3.5	tr		
			20029	425-	427.5	2.5	.01		
		Probable fault zone 94'-103'.	20030	427.5	430	2.5	tr		
103	104	Slightly sheared 400 to core	20100	539-	542	3.0	tr		
104-	141	Fault zone with rusty crushed remnants core 90% lost	20101	542-	545	3.0	.03		
			20083	191-	183	2.0	tr.		
141	143	Heavily carbonitized & fairly well sheared at 400 to core.	20084	189-	192	3.0	tr.		
			20085	192-	195	3.0	tr.		
143	145	Lost core	20086	195-	198	3.0	tr.		

TERRAIN SENATOR ROUIN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 2

PROPERTY

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S 125
HOLE NO _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLEVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
145	163	Heavily carbonitized and mine	20007	203-	206	3.0	tr.		
		ralized with fine pyrite in	20008	230-	233	3.0	.01		
		streaks & aggregates some fair	20009	265-	270	3.0	tr.		
		ly massive.	20010	270-	273	3.0	.01		
101	183	Scattered fine pyrite, heavily	20011	303-	306	3.0	tr.		
		carbonitized & silicified.							
189	198	Same	20012	306-	309	3.0	.02		
203	206	Same sheared at 60o to core	20013	309-	312	3.0	tr		
230-	233	Same	20014	312-	315	3.0	.01		
267-	273	Same	20015	315-	318	3.0	tr		
303-	340	More highly sheared @ to 60o	20016	318-	321	3.0	tr		
		to core and altered & more fine	20017	321-	324	3.0	.01		
		pyrite.	20018	324-	327	3.0	tr.		
340-	342	Fault & lost core mudseam.	20019	327-	330	3.0	tr.		
342-	384	More massive but highly carbo	20020	330-	333	3.0	tr.		
		nitized & altered.	20021	333-	336	3.0	tr.		
384-	387.5	Sheared at 40o to core with	20022	336-	340	4.0	tr.		
		most of core lost.							
395-	398	Mineralized bands.							
406-	409	Same.							

TERRAIN **SENATOR ROUYN** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. **3**

PROPERTY

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

S 125PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO _____
HOLE NO _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
406	409	Same						
411.5	413.5	Lost core						
413.5	420.5	Slightly sheared fragmental 600 to core very irregular pyrite some fairly heavy bands.						
422	425	Lost core						
425	430	Fairly well mineralized. At 471.5 Oxidized fault zone, probably 6 inches wide.						
481	483.5	Lost core						
486	488	Broken						
488	489	Oxidized fault						
489	491	Lost core						
493.5	496	Lost core						
505	506	Lost core						
510	520.5	Lost core Cave?						
520.5	539	Fairly massive rhyolite, cut by frequent quartz stringers @ 450 to core.						
539	545	Quartz veining streaks of fine pyrite occasionally						
545	592	Rhyolite chloritized.						
545	556.5	Slightly sheared at 600 to core & cut by many quartz stringers-barren.						

TERRAIN SENATOR ROUY MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 4

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____

TROU NO. S 125
HOLE NO. _____

SECTION _____

LAT. _____ DEP. _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
554	556	Lost core						
558.5	570	Fractured & cut by quartz stringers at 450 to core. Probable faults at 559 and 564.						
564	565	567-570 Lost core.						
574	575	Lost core						
574	575	Lost core						
577	580	Irregular streaks of heavy pyrite in weak breccia.						
584	585	(588-589) (590-592) Lost core						
592	627	Andesite with white feldspar phenocrysts.						
616	622	Quartz veins with chloritic inclusions barren about 75% quartz.						
622	625	Sheared with some quartz stringers soft chlorite schist with possible fault 623' to 624.						
627	698	Rhyolite fractured at 45' to core slightly altered. 632-633 Lost core 647.5-638.5, 646.5-647.5 652-653 - 657-659.						
	698	End of S 125.						

TERRAIN SENATOR ROUY MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 1

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE 1023
TOTAL DEPTHCOORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 4099.50 DEP 565.19TROU NO. S 126
HOLE NO.SECTION A. C. LEEJOURNAL PAR
LOGGED BYCOMMENCÉ LE JANUARY 7th. 1946
DATE BEGUNTERMINÉ LE FEBRUARY 7th. 1946
DATE FINISHEDÉLÉVATION, ORIFICE
ELEVATION, COLLARORIENTATION
BEARINGANGLE Vertical

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0	19	Casing	2016 ¹	607-	610	3.0	tr.		
19	94	Rhyolite with numerous intru- sions of diorite.	20165	610	613	3.0	tr.		
23	24	Quartz veins @ 30 degree to core	20214	801.5	803.5	2.0	.02		
27	68	Quartz breccia	20215	810	812.5		.02		
94	107	Diorite fine grained	20216	812.5	815	2.5	.01		
107	135	Rhyolite	20217	815	817.5		tr		
135	145	Diorite fine grained	20218	817.5	820		tr		
145	260	Rhyolite dark gray with blea- ched sections.	20228	820	822.5	2.5	.01		
173	178	White feldspar phenocrysts 1/8" x 1/2".	20227	822.5	825	2.5	.01		
235	245	Fine grained diorite.	20261	825	827.5	2.5	tr		
260	607	Diorite fine grained, massive	20262	827.5	830	2.5	tr		
273	274	Slightly silicified & bleached	20263	830	832.5	2.5	tr		
291	295	Rhyolite	20264	832.5	835	2.5	.12		
340	360	Medium grained elongated horn- blends.	20265	835	837.5	2.5	.02		
360	390	Coarse grained diorite	20266	837.5	840	2.5	tr		
390	420	Medium, grained diorite	20297	909	912	2.0	tr		

TERRAIN SECTION 1001 MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 2

PROPERTY

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. S 126
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

GAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
430	450	Medium, grained diorite	20298	912	915	310	.02		
531	540	Slightly sheared 30 degrees to	20299	915	918	3.0	tr		
		core cut by same narrow quartz	20312	960	962	2.0	tr		
		stringer with some alteration.							
607	613	Altered section cut by frequent							
		quartz stringer with a little bleaching.							
610	611	Fairly well bleached & slightly mineralized.							
613	782	Diorite, massive, fine grained.							
648	782	Andesite dyles.							
680	750	Small inclusions of rhyolite to andesite pillars							
737		Two inches broken, suggesting medium sized slip							
		at 45 degrees to core.							
780	782	Numerous weak slips 10 degrees to core.							
782	812.5	Slightly altered some leucoxene development							
782	812.5 783	Slight shear at 70 degrees to core.							
		787-788 same.							
791	792.5	Same with some silicification.							
812.5	825	Weak ore zone.							
812.5	820	Poorly bleached & silicified irregularly							
		mineralized with coarse pyrite.							

TERRAIN SENATOR ROUY MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 3
SHEET NO.

PROPERTY JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____

TROU NO. S 126
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
820	821.5	Rusty oxidized with 2" clay at 820.5 and 2" at 821. Fault.						
825	830	Massive fine grained diorite cut by numerous quartz stringers with a little bleaching.						
830	840	Heavily fractured 10 degrees to core with numerous weak slips lost foot cut by quartz stringer with some fine pyrite. 836-837 probable fault much lost core.						
840	909	Weak bleached zone cut by numerous narrow quartz stringer 30 degree to core and a little bleaching, at 866 same as above,						
875	878	Better bleached but barren.						
886	888	same as above.						
895	900	same as above.						
909	918	Well altered zone sheared at 30-45 degrees to core and cut by some quartz tourmaline stringer with a little fuchsite.						
909	912	First half mainly quartz & albite with a little fine pyrite.						
918	962	Chloritized diorite cut by occasional quartz stringers with a little bleaching.						
925	933	Extensive leucoxene development.						

TERRAIN SENATOR ROUYN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. 1
SHEET NO. _____

PROPERTY _____ JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

PROFONDEUR TOTALE 954
TOTAL DEPTH _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. 4218.12 DEP 390.52

TROU NO. 127
HOLE NO. _____

SECTION _____

JOURNAL PAR A. C. LEE
LOGGED BY _____

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR _____

COMMENCÉ LE FEBRUARY 19th. 1946
DATE BEGUN _____

ORIENTATION
BEARING _____

TERMINÉ LE MARCH 18th. 1946
DATE FINISHED _____

ANGLE 890

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
0	10	Casing	20873	144.0	147.0	3.0	tr.		
10	16.9	Dacite cut by occasional narrow dykes of diorite.	21116	840.0	842.5	2.5	.03		
60	80	Mainly diorite.	21117	842.5	845.0	2.5	tr.		
107	113	Fine grained diorite.	21128	845.0	847.5	2.5	tr.		
128	130	as Above	21129	847.5	850.0	2.5	.04		
144	147	cut by quartz stringers at 600 to core spotty pyrrholite & phyrrite	21120	850.0	852.5	2.5	tr		
			21121	852.5	855.0	2.5	tr.		
154	157	Diorite	21122	855.0	857.5	2.5	.24		
169	210	Diorite fine grained massive with occasional inclusions of dacite. 200-205 dacite.	21123	857.5	860.0	2.5	.09		
			21124	860.0	862.5	2.5	.38		
			21125	862.5	865.0	2.5	.14		
210	237	Dacite	21126	865.0	867.5	2.5	.13		
237	242	Feldspar porphyry dyke, purple	21127	867.5	870.0	2.5	.02		
242	455	Diorite with dacite inclusions	21128	870.0	872.5	2.5	.01		
250	253	Dacite	21129	872.5	875.0	2.5	tr		
257	261	Dacite							
455	575	Fine medium grained massive diorite.							
530	545	Fractured with many small threads of epidote.							
545	575	Slightly chloritized, cut by minor oxidized slips 100 to core at 568-575.							

TERRAIN **SENATOR ROUX** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 2

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. **S 127**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
575	600	Dacite cut by fine grained tongues of diorite.						
582	596	Numerous diorite tongues.						
600	741	Diorite, fine grained occasional dacite inclusions.						
672	677	Weak slips & fractures at 100 to core some rusty.						
695	705	Medium grained.						
708	716	Dacite inclusions fractured at 0 to 100 to core some rusty.						
724	736	Dacite inclusions.						
741	803	Dacite fine grained bluish with numerous white feldspar flechs in angular shapes 1/16 to 1/8".						
775	800	Numerous fractures 450 to core.						
		803 flow contact.						
803	816	Andesite.						
816	852.5	Diorite, fine grained with andesite inclusions.						
816	852.5	Diorite, fine grained with andesite inclusions.						
831	835	Weak fault zone with 1" gauge at 831.0						
835	852.5	Slightly chloritized & development of leucoxene.						
852.5	871.6	Heavily altered zone.						
852.5	862.5	Heavily oxidized & bleached rusty with gauge & lost core 854-855 and 859-860, 860.5-861.0.						

TERRAIN **SENATOR ROUIN** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. **1**

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE **755**
TOTAL DEPTHCOORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. **3889.24** DEP. **519.87**TROU NO. **S 128**
HOLE NO.

SECTION

JOURNAL PAR **A. C. LEE**
LOGGED BYÉLÉVATION, ORIFICE
ELEVATION, COLLARCOMMENCÉ LE **MARCH 20th. 1946**
DATE BEGUNORIENTATION
BEARINGTERMINÉ LE **APRIL 6th. 1946**
DATE FINISHEDANGLE **900**

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0	11	Casing	21310	367.5	390.0	2.5	tr.	
11	33	Diorite, fine grained cut by occasional weak shears at 750 to core with quartz & epidote.	21311	370.0	373.0	2.0	tr.	
			21312	373.0	375.0	2.0	tr.	
33	187.0	Diorite with numerous inclu- sions of dacite.	16572	375.0	377.5	2.5	tr.	
33.0	43.0	Dacite, mostly.	16573	377.5	380	2.5	tr.	
57.0	62.0	Dacite.	16574	380.0	381.0	1.5	tr.	
68.0	73.0	Dacite.	16575	558.0	560.0	2.0	tr.	
109.0	115	Dacite.	16576	560.0	562.5	2.5	tr.	
138.0	147.0	Fractured & slightly sheared at 450 to core with a little silicification.	16577	563.5	565.5	2.5	tr.	
			16578	565.0	567.5	2.5	tr.	
187.0	195.0	Feldspar porphyry dark bluish grained massive with rectangu- lar white feldspar phenocrysts up to 1/4" showing zonal growth.	16579	567.5	570.0	2.5	tr.	
			16580	570.0	572.5	2.5	tr.	
			16581	572.5	575.0	2.5	tr.	
195.0	310	Diorite, fine grained, slightly chloritized.	16582	575.0	576.5	1.5	.06	
228-	235	Fractured at 45 to 900 to core	16583	607.5	610.0	2.5	.02	
260	285	Medium to coarse grained with long bladed, ferromagnesium crystals.	16584	610.0	612.5	2.5	.03	
			16585	612.0	615.0	3.0	.03	

TERRAIN **SENATOR ROUIN** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. **2**

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. **S 128**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

GAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
285	310	Fine grained	16586	615.0	617.5	2.5	.01		
310	326	Diorite fine grained with some leucoxene development & chlori.	16587	617.5	620.0	2.5	.01		
			16588	620.0	622.5	2.5	tr		
312	320	Weak fault zone with slips & fractures 450 to core.	16589	622.5	625.0	2.5	tr		
			16590	625.0	627.5	2.5	.07		
326	350	Fine grained massive diorite.	16591	627.5	630.0	2.5	.05		
342	350	Fairly well chloritized.	16592	630.0	632.5	2.5	.02		
350	371	Heavily chloritized & cut by quartz epidote stringers at 100	16593	632.5	635.0	2.5	.04		
		to core considerable bleaching.	16594	635.0	638.0	3.0	.07		
366	371	Numerous slips & fractures at 45 to 700 to core.	21416	650.0	652.5	2.5	tr.		
			21417	652.5	655.0	2.5	tr.		
			21418	655.0	657.5	2.5	tr.		
371	373	Cherty & silicious slightly bleached	21419	657.5	660.0	2.5	tr.		
373	375	Heavily fractured & slightly brecciated some oxidized slips & narrow seams of pyrite	21420	669.9	662.5	2.5			
			21421	662.5	665.0	2.5	tr.		
375	381	Cherty & silicious some oxidized fracture 10-450 to core.	21422	665.0	667.5	2.5	tr.		
		Very meagre mineralization.	21423	667.5	670.0	2.5	tr.		
381	396	Fractured & slightly brecciated 600 to core.	21424	670.0	672.5	2.5	tr.		

TERRAIN **SENATOR ROUIN** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. **3**

PROPERTY

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. **S 128**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
396	428	Diorite fine grained massive cut by frequent quartz epidote stringers.	21425	672.5	675.0	2.5	tr.		
			21426	675.0	677.0	2.5	.01		
428	464	Fractured 450 to core with weak fault at 435-438.	21427	677.5	680.0	2.5	.07		
458	464	Frequent oxidized slips & frac- tures 20-300 to core.	21428	680.0	682.5	2.5	.02		
			21429	682.5	685.0	2.5	.01		
464	558	Somewhat chloritized & fractu- red 45-900 to core.	21430	685.0	687.5	2.5	.02		
545	558	Fractured at 300 to core.	21431	687.5	690.0	2.5	.01		
558	576.5	Heavily sheared & cut by fre- quent slips at 10-300 to core	21432	692.5	695.0	2.5	.01		
			21433	692.5	695.0	2.5	.01		
566	567.5	Fault zone with 3" gauge 300 to core.	21434	695.0	697.6	2.5	.02		
567.5	576.5	Many oxidized slips.	21435	697.5	700.0	2.5	.04		
576.5	597.5	Heavily fractured & broken.	21444	700	702	2.0	.06		
597.5	638	Weak ore zone.	21445	702	705	3.0	tr.		
597.5	599	Weak fault zone with slips 400 to core.	21446	705	707.5	2.5	.01		
607.5	610	Sections fairly well bleached & mineralized sheared & silicified at 400 to core.	21447	707.5	710	2.5	tr.		

TERRAIN SENATOR ROUIN MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. 4

PROPERTY

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

S 128

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. _____
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
612.0	615.0	Similar to above with 2" black oxidized mud at 614.5						
620	622.5	Slightly bleached & mineralized.						
625	638	Fairly well silicified & bleached brecciated with fine seams of pyrite.						
638	675	Heavily chloritized.						
653	655	Medium slips at 100 to core						
663	664.5	Weak slips at 200 to core with weak bleaching.						
675	692.5	Weak ore zone.						
676.5	677.5	Silicified & slightly mineralized.						
678	679	Same						
682.5	683.5	Slips with a little gouge.						
684	686	Fairly well silicified.						
686	687	Mostly lostcore.						
689.5	691	Many slips with somewhat lost core.						
692.5	702.5	Fairly well bleached & silicified section.						
692.5	693	Oxidized.						
695	700	Mineralized streaks at 699 almost massive pyrite. at 699.5 quartz with tourmaline.						
700	702.5	Heavily silicified & heavily mineralized with fine pyrite & medium grained chbes of pyrite.						

TERRAIN **SENATOR ROUYN** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. **1**

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE **1380**
TOTAL DEPTH

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR
LAT. **4522.01** DEP **331.33**

TROU NO. **S 129**
HOLE NO.

SECTION

JOURNAL PAR **A. C. LEE**
LOGGED BY

ÉLÉVATION, ORIFICE
ELEVATION, COLLAR

COMMENCÉ LE **APRIL 19 th. 1946.**
DATE BEGUN

ORIENTATION
BEARING **1200 - 890**

TERMINÉ LE **MAY 14th. 1946**
DATE FINISHED

ANGLE **1380 - 890**

CAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
0	13	Casing	21766	1305	1308.0	3.0	tr.	
13	95	Diorite, fine grained, massive	21767	1308.0	1310.0	2.0	tr.	
13	25	Fairly well fractured 40-60o	21768	1310.0	1312.5	2.5	tr.	
25	26	Quartz stringers 10o to core.	21769	1312.5	1315.0	2.5	.06	
48	51	6" Andesite dykes at 30o to core	21770	1315.0	1317.5	2.5	.05	
55.5	58	Andesite dyke	21771	1317.5	1320.0	2.5	.01	
66	72	Dacite inclusion	22006	1320.0	1322.5	2.5	.02	
72	95	Fine grained, light grey, hard.	22007	1322.5	1325.0	2.5	.01	
95	147	Diorite very fine grained dense massive.	22093	1325.0	1327.5	2.5	tr.	
147	312	Diorite, fine grained massive	22094	1327.5	1330.0	2.5	tr.	
280	285	Diorite, fractured 10o to core 6" silicified at 284*.						
312	329	Andesite, light grey, fractured.						
318.5	320.5	Slightly sheared, fairly well silicified 45o to core 6" streak fairly well mineralized.						
329	380	Diorite fine & medium grained, grey, massive, hard						
345	349	Andesite inclusion						
355	380	Becoming slightly chloritized, with fine leucoxene developing in bands.						
380	402	Slightly altered section, with little bleaching, accompanying quartz stringers at 45-90o.						

TERRAIN **SENATOR ROUYN** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE NO. **2**

PROPERTY

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____

COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____

TROU NO. **S 129**
HOLE NO _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____

ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____

COMMENCÉ LE _____
DATE BEGUN _____

ORIENTATION _____
BEARING _____

TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

GAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	REMARQUES REMARKS
DE FROM	A TO							
380	381.5	Barren quartz stringers at 600 to core						
398	402	Fairly well sheared at 400 to core						
402	715	Diorite, fine to medium grained.						
425	428	Inclusion off low breccia.						
463	480	Dacite inclusion						
482	487	" "						
500	504	" "						
545	552	" "						
563	566	" "						
575	579	" "						
590	593	" "						
600	605	" "(Brecciated)						
605	609	Slight shear at 300 heavily impregnated by carbonate.						
612	676	Diorite, medium grained, massive.						
676	679	Cut by quartz epidote stringers.						
715	743	Chloritized diorite.						
743	868	Diorite, massive, very fine grained, dacite inclusion.						
764	768	Dacite inclusions.						
769	771	" "						
824	1/2"	quartz stringers at 600 to core with epidote and streaky chalcopyrite.						

TERRAIN **SENATOR ROUYN** MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBECFEUILLE NO. **3**

PROPERTY

JOURNAL DES SONDRAGES AU DIAMANT - DIAMOND DRILL RECORD

SHEET NO.

PROFONDEUR TOTALE _____
TOTAL DEPTH _____COORDONNÉES ORIFICE _____
CO-ORDINATES COLLAR _____TROU NO. **S 129**
HOLE NO. _____

SECTION _____

LAT. _____ DEP _____

JOURNAL PAR _____
LOGGED BY _____ÉLÉVATION, ORIFICE _____
ELEVATION, COLLAR _____COMMENCÉ LE _____
DATE BEGUN _____ORIENTATION _____
BEARING _____TERMINÉ LE _____
DATE FINISHED _____

ANGLE _____

GAROTTE CORE FOOTAGE		DESCRIPTION	ÉCHANTILLON NO. SAMPLE NO.	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON		REMARQUES REMARKS
DE FROM	A TO								
668	1202	Dacite.							
884.0	887	Diorite.							
888	889.0	Silicified shear at 450 barren.							
900	902	Fractured at 45 to 900 & cut by some quartz stringers, barren.							
904	907	Diorite.							
910	939	Angular white to green phenocrysts or fragments.							
939.0	941.0	Diorite.							
941.0	993	Angular white to green phenocrysts or fragments up to 3/8" dacite more acid approaching rhyolite.							
993	997	Diorite tongue.							
1018	1022	Diorite fragments.							
1022	1026	Slightly sheared & fractured at 600 with occasional slightly bleached and silicified bands, almost barren.							
1026	1040	Small angular fragments.							
1055	1075	Cut by frequent irregular quartz stringers at 450 to 900 to core barren, but with some silicification.							
1077	1078.5	Flow contact with slight shearing at 200							
1087	1093.0	fine brecciation							
1112	1116	fine brecciation							

TERRAIN PROPERTY **SENATOR ROUYN**

TROU No. ¹¹¹⁻⁶ **S 129**
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **4**
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN _____

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ÉLEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
12	1116	Fine brecciation.					
1130	1135	Same					
1153	1155	1158.5 - 1160.0- 1161.0- 1163.0- 1166.0- 1172- 1178 - 1180 same.					
1182.0	1193	Slightly sheared at 45°, cut by several 3" quartz-carbonate stringers.					
1196	1235	Diorite, fine grained, white irregular feldspars, fine feathery shaped.					
1236	1238	Flow breccia.					
1240	1248	Diorite, fine grained.					
1248	1250	Flow breccia					
1268	1276	Diorite, fine grained.					
1282	1320	Carbonatized, weakly sheared zone, cut by frequent quartz-carbonate stringers, 20 to 30c to core.					
1286	1296	Fairly well sheared at 20 to 30c to core, with original flow lines preserved in rock. A little scattered pyrite.					
1309	1310	Quartz stringers at 30c to core with chlorite and weak bleaching, streaky fine pyrite.					
1313	1315	Same, slightly better pyrite.					
1320	1380	Dacite, intruded by diorite tongues.					
1332	1336	Carbonate amygdules up to 1/4" in dacite.					
1360	1365	Dacite.					
		1380 End of S 129.					

TERRAIN **SENATOR ROUYN**
PROPERTY

TROU No. ¹¹¹⁻⁶
HOLE No. **8 130**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. **1**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE **May 16th. 1946**
DATE BEGUN

LAT. **4078.24** DEP. **292.37**

817' - 850

TERMINÉ LE **May 28th. 1946**
DATE FINISHED

ÉLEVATION, ORIFICE
ELEVATION, COLLAR

ANGLE
PROFONDEUR TOTALE
TOTAL DEPTH **817**

JOURNAL PAR
LOGGED BY **A. C. LEE**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
-	6	Casing	22095	490.0	492.0	2.0	tr.
6	185.5	Dacite	22096	492.0	493.0	1.0	tr.
17.5	25.0	Diorite, fine grained.	22097	493.0	495.0	2.0	tr.
		40.0-55.0 "	22098	520.0	522.5	2.5	tr.
		67 - 70 "	22099	522.5	525.0	2.5	tr.
		73 - 85 "	22100	525.0	528.5	3.5	.01
		89.5 - 94 "	22101	528.5	530.0	1.5	tr.
105	113	Fine grained diorite tongues.	22104	675.0	677.5	2.5	tr.
114.5	115	Slightly sheared & silicification, 450 to core.	22105	677.5	680.0	2.5	tr.
			22106	680.0	682.5	2.5	tr.
120	130	Diorite	22107	682.5	685.0	2.5	.09
139	171	Diorite, fine grained, slightly chloritized with 1" silicified at 147'.	22108	685.0	687.5	2.5	.04
			22109	687.5	670.0	2.5	.03
178	185.5	Diorite.	22110	690.0	692.5	2.5	.04
185.5	193	Purple feldspar porphyry, white phenocrysts, contact 600 to core.	22111	692.5	695.0	2.5	.01
			22112	695.0	697.5	2.5	.01
	325	Diorite, fine grained, narrow andesite and dacite inclusions, which are fractured at 0 to 100 to core with rusty hematite slips.	22113	697.5	700.0	2.5	tr.
			22114	700.0	702.5	2.5	tr.
			22115	702.5	705.0	2.5	.01
210	215	Weak fault zone with slips 0 to 450 to core.	22116	705.0	707.5	2.5	tr.
219	221	Fault zone (weak) about 450 to core	22117	707.5	710.0	2.5	.03
245	257	Medium, grained.	22118	710.0	712.5	2.5	tr.
257	265	Very fine grained.	22119	712.5	715.0	2.5	.02
265	312	Medium grained.	22120	715.0	717.5	2.5	tr.
290	312	Fairly well silicified, some fractures & stringers, 450 to core	22121	717.5	720.0	2.5	tr.
			22122	720.0	722.5	2.5	tr.
312	325	Fine grained	22123	722.5	725.0	2.5	tr.
325	372	Chloritized. 340 - 350.					
		340 Slightly fractured with network of quartz-epidote threads, 400 to core.					
365	370	Oxidized hematite slips at 450.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ÉLEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
372	399	Diorite, massive, fine grained, cut by networks of fine quartz, epidote threads, 300 to core.					
399	497	Chloritized diorite with development of fine leucoxene.					
411	413.5	Andesite.					
413.5	475	Abundant fine leucoxene in massive diorite but little other alteration.					
475	492	Fairly well chloritized.					
492	492.5	Purplish silicification with fine pyrite.					
497.5	523.5	Fine grained, diorite, massive.					
523.5	606	Chloritized.					
523.5	525	Slightly sheared at 600 & cut by silicious bands up to 2" with fairly abundant fine pyrite.					
525	542	531.5' oxidized slip.					
552	561	Fairly well chloritized & cut by occasional quartz stringers at 700.					
577	582	Very fine grained.					
590	595	Leucoxene development.					
606	648	Same					
648	680	Dacite, frequent bands with angular felspar phenocrysts.					
652	662.5	623 - 625 Diorite tongue.					
680	710	636 - 648 Chloritized.					
680	682.5	Diorite, fine grained, chloritized, development of fine leucoxene.					
700	707.5	Frequent narrow quartz stringers with considerable bleaching.					
710	735	Weak ore zone, streaks fairly well altered & mineralized but not very intense, on the whole.					
735	817	Fairly well sheared at 300 to core with oxidized slip at 682.5					
760	780	Only streaks bleached & altered.					
		Chloritized, massive.					
		Fine grained diorite, massive.					
		Cut by occasional quartz & epidote stringers and fractures at 600 to core.					
		817' end of D.H.H. S 130					

TERRAIN
PROPERTY **SENATOR ROUYN**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

III-6
TROU No. _____
HOLE No. **S 131 A**

FEUILLE No. _____
SHEET No. **1**

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **50-51 W**

COMMENCÉ LE
DATE BEGUN **JUNE 13th. 1946**

LAT. **1253.75** DEP. **4241.76**

ANGLE **1147**

TERMINÉ LE
DATE FINISHED **JULY 16th. 1946**

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH **75' - 510**
350 - 510
950 - 370
1147 - 370

JOURNAL PAR
LOGGED BY **A. C. LEE**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
	70	Casing.	23060	400.0	402.8	2.8	tr.
70	95	Fine grained diorite, light grey, cut by slightly bleached streaks. Some dacite inclusions.	23061	402.8	403.8	1.0	L.C.
			23062	403.8	405.0	1.2	tr.
75	78	Heavily fractured at 60o.	23063	405.0	407.5	2.5	tr.
89	91	Same	23064	407.5	410.2	2.7	tr.
95	174	Diorite, with numerous dacite inclusions, badly fractured & cut by numerous slips and faults, 450 to 60o.	23065	410.2	412.2	2.0	L.C.
			23066	412.2	413.1	0.9	tr.
			23067	413.1	415.0	1.9	L.C.
101	104	Much lost core, many slips indicated suggestions fault zone.	23068	415.0	417.5	2.5	tr.
			23069	417.5	420.0	2.5	tr.
116	119	Same	23070	420.0	422.5	2.5	tr.
128	130	Much lost core - indicating fault zone with crushing.	23071	422.5	425.0	2.5	tr.
			23072	425.0	427.0	2.0	tr.
140	152	Numerous slips every 1 to 2" crushed at	23073	427.0	428.0	1.0	L.C.
144.0	144.5	and 145.5 - 146 and 147-148.	23074	428.0	430.0	2.0	.01
152	159	Lost core, probably soft crushed material.	23074	430.0	432.5	2.5	tr.
159	160	In part crushed & oxidized.	23076	432.5	435.0	2.5	tr.
160	165	L.C. probably crushed.	23077	435.0	436.3	1.3	tr.
165	166	Vuggy quartz and crushed dacite.	23078	436.3	437.3	1.0	L.C.
166	169	L.C.	23079	437.3	438.5	1.2	tr.
169	174	Badly broken and much crushed material.	23080	438.5	440.0	1.5	L.C.
174	206	Mainly dacite- fairly massive, although numerous brecciated bands with heavy carbonate injections are present.	23081	440.0	442.6	2.6	tr.
			23092	442.6	443.6	1.0	L.C.
			23083	443.6	445.0	1.4	.01
206	230	Andesite, brecciated & crushed, with soft carbonate bands.	23084	445.0	447.3	2.3	tr.
			23085	447.3	448.0	0.7	L.C.
213	222.5	L.C.	23086	448.0	450.0	2.0	tr.
230	273	Diorite fine grained cut by numerous quartz epidote streaks, mostly at 100 to core and vuggy. Fine leucoxene development.	19337	555.0	557.5	2.5	tr.
			19338	557.5	560.0	2.5	tr.
			29339	560.0	562.5	2.5	tr.
252	254	Cut by heavy slips at 400 to core, heavy oxidized.	29340	562.5	565.0	2.5	tr.
			19341	1035.0	1037.5	2.5	tr.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
4	255	L. C.	19342	1037.5	1040.0	2.5	tr.
255	256	Crushed and oxidized.	19343	1040.0	1042.5	2.5	tr.
256	258	L. C.	19334	1042.5	1045.0	2.5	tr.
258	273	Badly broken and cut by numerous oxidized slips at 20 to 45o.	19345	1045.0	1047.5	2.5	tr.
273	345	Diorite, fairly massive, cut by some slips & carbonatized breccias.	19356	1047.5	1050.0	2.5	tr.
281.5	282.5	White quartz barren.	23045	1050.0	1052.5	2.5	tr.
345	445	Crushed & brecciated diorite with numerous vuggy oxidized sections. Shearing & slips at 45 to 60o.	23046	1052.5	1055.0	2.5	tr.
350	352	L. C.	23047	1055.0	1057.5	2.5	tr.
358	359	L.C.	23048	1057.5	1060.0	2.5	tr.
365.5	367.0	L.C.	23049	1060.0	1062.5	2.5	.02
368	369	L. C.	23050	1062.5	1065.0	2.5	.01
372	373	L.C.	23884	1065.0	1067.5	2.5	tr.
374	375	L.C.	22885	1067.5	1070.0	2.5	tr.
374	375	L.C.	22886	1070.0	1072.5	2.5	tr.
374	375	L.C.	22887	1072.5	1075.0	2.5	tr.
374	375	L.C.	22888	1100.0	1102.5	2.5	tr.
374	375	L.C.	22889	1102.5	1105.0	2.5	tr.
381	383	L.C.	22890	1105.0	1107.5	2.5	tr.
384	384.8	L.C.	22891	1107.5	1110.0	2.5	tr.
386	387.5	L.C.	22892	1110.0	1112.5	2.5	tr.
388	390	L.C.	22893	1112.5	1115.0	2.5	tr.
391	392	L.C.					
393	394	L.C.					
396	397.5	L.C.					
398.5	400	L.C.					
403	404	L.C.					
410.2	412.5	L.C.					
413	415	L.C.					
416	417	L.C.					
417.5	435	Heavily chloritized & cut by numerous streaks of fine to medium grained pyrite.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
427.5	427.5	L.C.					
436	437	L.C.					
438	440	L.C.					
442	443.5	L.C.					
435	445	Cut by numerous slips, some oxidized, 100 to 200 to core.					
445	500	Massive diorite, harder although fairly heavily carbonatized & cut by numerous carbonate stringers & barren quartz veins 400 to core.					
447.5	448.5	L.C.					
450	451.5	L.C.					
475	482.0	Heavily carbonatized & fairly well silicified, occasional streaks of pyrite.					
496.0	500	Cut by several 3 to 6" silicious bands 450 to core.					
500	600	Light colored diorite with numerous rhyolite inclusions.					
530	540	Slightly chloritized.					
546	547	Mostly barren quartz.					
5	555	Very slight shearing at 700 to core.					
559	561.5	Slightly chloritized & cut by some silicious bands with some fine to coarse pyrite.					
561.5	567	Slightly chloritized.					
586	598	Very slightly sheared at 600 & slightly carbonatized.					
600	624	Rhyolite, light grey, frequent round and angular fragments.					
603	609	Very slightly sheared at 600.					
623	624	Quartz, barren.					
624	683	Dacite, cut by frequent quartz - carbonate stringers at 450 numerous streaks with angular white particles, mostly quartz.					
677	683	Very slightly sheared at 450.					
683	843	Diorite, dark green, slightly altered throughout mostly through introduction of quartz, some carbonate					
683	696	Very well chloritized with development of leucoxene.					
701	721	Chloritized with shearing at 700 at 702-704.					

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ÉLEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
7.	731	Chloritized.					
731	734	Low to medium shear at 600, leucoxene development.					
734	746	Low to medium shear at 700, heavily chloritized.					
763	765	Low shear at 600 to core, some quartz stringers.					
769	774	Low shear at 700 to core with frequent quartz stringers.					
775	793	Low shearing at 700 in & cut by frequent narrow quartz-carbonate stringers.					
816	823	Irregularly mineralized with coarse pyrite in aggregates.					
825	843	Light colored tongues of diorite heavily carbonatized with prominent rounded ghosts of hornblende crystals.					
843	915	Rhyolite, massive.					
915	925	Diorite, fine grained.					
925	1065	Dacite.					
928	933	Frequent bleached bands.					
940	950	Dark green, with frequent amethyst quartz and epidote amygdules.					
950	960	Frequent threads of quartz & carbonate with a little bleaching 600 to core.					
960	971	Slightly chloritized.					
1003	1006	Numerous quartz carbonate threads with bleaching.					
1040	1065	Very low shearing at 600 slightly chloritized & fairly well mineralized with scattered pyrrhotite.					
1065	1082.5	Rhyolite.					
1065	1077.5	Irregularly mineralized with pyrite in aggregate streaks and nodules up to 2" in diameter.					
1082.5	1147	Dacite with small irregular and angular white flecks mostly carbonate. All slightly soaked with carbonate.					
1100	1107	Scattered pyrite in fairly heavy streaks and aggregates.					
1130	1135	More heavily carbonatized & cut by a few fracture at 600 with a few occasional grains of fine chalcopyrite.					
		1147' End of S - 131 A.					

TERRAIN SENATOR ROUYN
PROPERTY _____

TROU No. 5132
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. 1
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE June 17th. 1947
DATE BEGUN

LAT. 4630 W DEP. 1425 W

ANGLE 407°

TERMINÉ LE June 27th. 1947.
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH at 400' 880

JOURNAL PAR
LOGGED BY A. C. Lee

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
()	82.0	Andesite fairly well fractured cut by numerous narrow quartz stringers 450 to core. The whole slightly carbonitized.	10251	25.0	27.5	2.5	tr.
			10252	27.5	30.0	2.5	.07
23.0	27.0	Numerous narrow rusty oxidized sections with weak shearing & slips 300 to core.	10253	30.0	32.5	2.5	tr.
			10254	32.5	35.0	2.5	tr.
			10255	35.0	37.5	2.5	.01
			10256	37.5	40.0	2.5	.02
			10257	40.0	42.5	2.5	.02
27.0	35.0	Frequent bands with slight bleaching and buff colored alteration.	10258	42.5	45.0	2.5	tr.
			10259	45.0	47.5	2.5	.06
82.0	91.0	Biorite fine grade, some epidote bands.	10260	47.5	50.0	2.5	tr.
			10261	75.0	77.5	2.5	tr.
91.0	121.0	Andesite, grey, massive.	10262	77.5	80.0	2.5	tr.
			10263	80.0	82.5	2.5	tr.
114.5	116.5	Cherty quartz bands at 600 to core with coarse massive pyrite along some of them.	10264	82.5	85.0	2.5	tr.
			10266	87.5	90.0	2.5	tr.
			10267	90.0	92.5	2.5	tr.
			10268	92.5	95.0	2.5	.01
121.0	217.0	Rhyolite, light grey medium to coarse brecciation with	10269	95.0	97.5	2.5	tr.
			10270	97.5	100.0	2.5	tr.
			10271	115.5	117.5	3.5	.01
217.0	285.0	Andesite grey, slightly carbonatized.	10272	117.5	120.0	2.5	tr.
			10273	120.0	122.5	2.5	tr.
285.0	304.0	Rhyolite, fairly massive.	10274	122.5	125.0	2.5	tr.
			10275	200.0	202.5	2.5	tr.
304.0	404.0	Dacite, fairly massive with slight grain.	10276	202.5	205.0	2.5	tr.
			10277	205.0	207.5	2.5	tr.
344.0	345.0	quartz carbonate vein, barren 300 to core.	10278	207.5	210.0	2.5	tr.
			10279	402.5	403.9	1.4	tr.
370.0	375.0	Several bleached & carbonatized bands 900 to core.	10280	403.9	407.0	3.1	.01
1.980.0	381.0						

TERRAIN **SENA TOR ROUYN**
PROPERTY _____

TROU No. **S 132.**
HOLE No. _____

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **2**
SHEET No. _____

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELÉVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
4	07.0	Rhyolite, dark grey, well banded at 450 to core, very cherty, mineralized with bands of disseminated pyrrhotite - about 1%. 407' End of Hole S - 132.					

TERRAIN
PROPERTY **SENATOR ROUYN**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6

TROU No.
HOLE No. **8-133**
FEUILLE No.
SHEET No. **1**

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING _____

COMMENCÉ LE
DATE BEGUN **October 18th. 1948**

LAT. **1961.12** DEP. **1981.49**

ANGLE **417.0 ft.**

TERMINÉ LE
DATE FINISHED **October 31st. 1948**

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE **900**
TOTAL DEPTH **400⁺ ft. 900**

JOURNAL PAR
LOGGED BY **W.R.S.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON	
DE FROM	A TO							
0	110.0	Casing.	11530	162.5	165.0	2.5	.01	
110.0	130.0	Diorite - Med. Grained, rusted gray, very soft and vuggy.	11522	165.0	167.5	2.5	.05	
			11531	167.5	170.0	2.5	tr.	
			11523	170.0	172.5	2.5	.13	
			11532	172.5	175.0	2.5	.04	
130.0	163.5	Diorite - Med. Grained, med. gray, massive except for occasional carbonate stringers.	11524	175.0	177.5	2.5	.04	
			11533	177.5	180.0	2.5	.02	
			11525	180.0	182.5	2.5	.02	
163.5	198.0	Alteration-Strong shear at 0-450 to core with almost complete replacement by white to pink green carbonate. Trace (±) Pyrite.	11534	182.5	185.0	2.5	.01	
			11526	185.0	187.5	2.5	.11	
			11535	187.5	190.0	2.5	.07	
			11527	190.0	192.5	2.5	.11	
198.0	280.0	Diorite-Med. grained, med. gray, thick scattering at carbonate stringers, 1/8"-1/4"- at 500 - 900 to core.	11536	192.5	195.0	2.5	.07	
			11528	195.0	197.5	2.5	.19	
			11537	197.5	200.0	2.5	.12	
			11529	294.0	296.3	2.3	.02	
294.0	296.3	Diorite- Lightly Chloritized to med. to finer grained, med. gray-green. Numerous carbonate stringers as above.						
320.0	417.0	Quartz and Silicification with fair Pyrite. Diorite-Med. grained, med. gray, massive except for sparce carbonate and Quartz- carbonate stringers to 1/4" at 300-700 to core.						
417.0		End of Hole.						

TERRAIN PROPERTY SENATOR ROUYN

111-6
TROU No. S 134
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

FEUILLE No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING ---

COMMENCÉ LE
DATE BEGUN NOVEMBER 1st.1949

LAT 1981.01 DEP. 2078.46

ANGLE 508.0 Ft.

TERMINÉ LE
DATE FINISHED NOVEMBER 7th.1949

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH 900
500 ft. 820 30*
790

JOURNAL PAR
LOGGED BY W. R. S.

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0	75.0	Casing.	11538	105.0	108.0	3.0	tr.
75.0	275.0	Diorite (Chloritized) Med. to finer grained Darker gray. Wideley spaced shears of weak nature with weak carbonate filling and nil - trace - (-) of Pyrite. 105.0-108.0 at 300 to core. 206 - 209.0 at 450 to core. 231.5 10% as carbonate stringers filling shear.	11539 11540 11553 11554 11555 11556 11557	206.0 236.5 275.0 280.0 285.0 290.0 295.0	209.0 237.5 277.5 282.5 287.5 292.5 297.5	3.0 1.0 2.5 2.5 2.5 2.5 2.5	.02 .01 tr. tr. tr. tr. tr.
275.0	298.5	Diorite (Chloritized) More sheared and slight traces of breccia with trace Pyrite as crystals and stringers. Shear at 200 to core.	11541 11547 11542 11546 11543 11549	300.0 302.5 305.0 307.5 310.0 312.5	302.5 305.0 307.5 310.0 312.5 315.0	2.5 2.5 2.5 2.5 2.5 2.5	tr. tr. tr. tr. tr. tr.
298.5	327.5	Shear - Fairly strong shear and brecciation at 100 200 to core with trace 1% Pyrite.	11544 11550 11545	315.0 317.5 320.0	317.5 20.0 322.5	2.5 tr. 2.5	tr. tr. tr.
327.5	418.0	Diorite - (Chloritized) Re crystallized by carbonate as dissemination of crystals. Fairly numerous carbonate stringers.	11551 11546 11552	322.5 325.0 397.5	325.0 327.5 330.0	2.5 2.5 2.5	tr. .02 tr.
418.0	427.0	Shear at 100 - 200 to core.					
427.0	508.0	Diorite - Med. grained, med. gray. Cut by numerous carbonate stringers to 1/4" at 400 - 700 to core. 508.0 - End of Hole.					

TERRAIN SENATOR ROUYN
PROPERTY

TROU No. 8 ¹¹¹⁻⁶
HOLE No. 135

MINISTÈRE DES MINES, QUÉBEC - DÉPARTMENT OF MINES, QUÉBEC

FUILLÉ No. 1
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING ---

COMMENCÉ LE November 8th. 1949
DATE BEGUN

LAT. 2077.79 DEP. 2050.28

ANGLE 405.0 ft.

TERMINÉ LE November 12th. 1949
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE ⁹⁰⁰
TOTAL DEPTH 400' ft 850 830

JOURNAL PAR W. R. S.
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
()	49.0	Casing.	11558	230.0	232.5	2.5	tr.
49.0	81.0	Diorite - Med. grained, med. gray.	11559	232.5	235.0	2.5	tr.
			11560	235.0	237.5	2.5	tr.
			11561	237.5	240.0	2.5	.01
81.0	91.4	Porphyry - Dark purple gray with thick dissemination of Feldspar phenocrysts.	11562	240.0	242.5	2.5	tr.
			11563	242.5	245.0	2.5	tr.
			11564	245.0	247.5	2.5	tr.
91.4	135.0	Diorite - Med. grained, med. gray. Lightly Chloritized.	11565	247.5	250.0	2.5	.01
			11566	250.0	252.5	2.5	.01
			11567	252.5	255.0	2.5	tr.
135.0	220.0	Diorite - Med. grained, med. gray. Massive except for moderate carbonate - filled fractures.	11568	255.0	257.5	2.5	tr.
			11569	257.5	260.0	2.5	tr.
			11570	260.0	262.5	2.5	tr.
			11571	262.5	265.0	2.5	tr.
220.0	231.0	Diorite - (Chloritized) Med. to finer grained green. Sheared at 450 to core.	11572	265.0	267.5	2.5	tr.
			11573	267.5	270.0	2.5	.01
			11574	270.0	272.5	2.5	tr.
231.0	275.0	Zone - Mostly fuchsite with white to pink carbonate in much of length. Trace. Pyrite. Much shear at 300 - 700 to core and considerable brecciation.	11575	272.5	275.0	2.5	tr.
275.0	405.0	Diorite - Med. to finer grained, med. gray. Local light Chlorification. Fairly numerous carbonate stringers to 1/4" at 400 - 700 to core.					
	405.0	End of Hole.					

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUÉBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING **---**

COMMENCÉ LE
DATE BEGUN **November 13th. 1949**

LAT. **1903.35** DEF. **2125.61**

ANGLE **500' 900**

TERMINÉ LE
DATE FINISHED **November 18th. 1949**

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH

JOURNAL PAR
LOGGED BY **W. R. S.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	63.0	Casing	11576	85.0	87.5	2.5	.01
			7	90.0	92.5	2.5	tr.
			8	95.0	97.5	2.5	tr.
63.0	84.0	Diorite (Chloritized) - Medium to finer grained green. Cut by fairly numerous carbonate stringers to 1/2" at 60 - 800 to core.	9	100.0	102.5	2.5	.02
			11580	105.0	107.5	2.5	tr.
			1	110.0	112.5	2.5	tr.
			2	115.0	117.5	2.5	tr.
84.0	110.0	Shear - Strong shear breccia with carbonate filling Shear at very low angle (00-200) Trace (') pyrite in spots.	3	120.0	122.5	2.5	tr.
			4	125.0	127.5	2.5	tr.
			5	130.0	132.5	2.5	tr.
			6	165.0	167.5	2.5	tr.
110.0	130.0	" Almost complete replacement of shear by buff-green carbonate in all but a few feet of this length. "Soapstone" (?)	7	167.5	170.0	2.5	tr.
			8	170.0	172.5	2.5	tr.
			9	172.5	175.0	2.5	tr.02
			11590	200.0	202.5	2.5	tr.
		Shear at 100 - 2-0 to core. Trace pyrite in diorite.	1	202.5	205.0	2.5	.01
			2	300.0	302.5	2.5	tr.
			3	305.0	307.5	2.5	tr.
130.0	134.0	Shear - Diorite with weak shear at 200 to core and 1- 2% pyrite as stringers in shear.	4	310.0	312.5	2.5	tr.
			5	315.0	317.5	2.5	tr.
			6	320.0	322.5	2.5	tr.
134.0	164.0	Diorite - Chloritized) - Medium to finer grained, green, relatively massive and free of carbonate stringers.	7	325.0	327.5	2.5	tr.
			8	330.0	332.5	2.5	tr.
			9	335.0	337.5	2.5	tr.
164.0	176.0	" Light shear with 25% of core tending to greenish carbonate, replacement of shear Trace (') pyrite. Shear at 28-300 to core.	11600	340.0	342.5	2.5	tr.
			12151	445.0	447.5	2.5	tr.
			2	447.5	450.0	2.5	tr.
			3	450.0	452.2	2.5	tr.
			4	452.5	455.0	2.5	tr.01
176.0	188.0	" (Chloritized) - Medium to finer grained, green.	5	455.0	457.5	2.5	.01
			6	457.5	460.0	2.5	.05

TERRAIN
PROPERTY **SENATOR ROUYN**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
TROU No. _____
HOLE No. **S 136**
FEUILLE No. _____
SHEET No. **2**

SECTION _____

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED _____

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
1 .0	296.5	Diorite Chloritized) Medium grained, gray green Cut by fairly numerous carbonate stringers at 40 - 800 to core.	12157	460.0	462.5	2.5	.03
		201.0 - 207.5 - Silicification or gray feld- spar type rhyolite 1 to 2% pyrite.	8	462.5	465.0	2.5	.03
		238.0 - 249.5 Possibly a finer grained phase of gray feldspar type rhyolite.	9	465.0	467.5	2.5	.03
		Medium to finer grained, medium purple gray. Somewhat more acid than diorite.	12160	467.5	470.0	2.5	tr.
		Shear at 300 to core.	1	470.0	472.5	2.5	tr.
296.5	345.0	Diorite with green carbonate shear.	2	472.5	475.0	2.5	tr.
345.0	445.0	Diorite (Andesitic) Finer grained medium gray, uniform texture, Massive. Cut by fairly frequent carbonate strin- gers to 1/4" at 60 - 900 to core.					
445.0	448.0	Light shear and trace fuchsite					
448.0	450.0	Stronger shear at 350 to core.					
4 .0	453.0	Fuchsite at 350 to core.					
453.0	467.0	Rhyolite (?) (Gray feldspar type) with 20% of length as rusted vuggy rock. Trace pyrite.					
467.0	535.0	Rhyolite (?) (Medium grained, medium gray looks very much like gray feldspar type rhyolite from underground but somewhat more basic. Might be basic phase of that infrusive.					
		Continued presence of carbonate stringers to 1/4" mostly at larger angles to core.					
		535.0 - End of Hole.					

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION ---
BEARING

COMMENCÉ LE November 18, 1949
DATE BEGUN

LAT **4792.41** DEP **2090.38**

ANGLE **346.0 ft.**

TERMINÉ LE November 25, 1949
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE **900**
TOTAL DEPTH

JOURNAL PAR **W. R. S.**
LOGGED BY

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	45.0	Casing.	12175	105.0	107.5	2.5	tr.
45.0	103.0	Diorite (Chloritized) - Finer grained, medium gray Fairly numerous carbonate stringers to 1/4"	6	110.0	112.5	2.5	tr.
		30 - 600 to core.	7	115.0	117.5	2.5	tr.
103.0	118.0	Fuchsite - Fairly uniform with parallelism at low angle to core. Few Carbonate stringers with trace pyrite in them.	12163	265.0	267.5	2.5	tr.
			4	267.5	270.0	2.5	tr.
			5	280.0	282.5	2.5	tr.
			6	282.5	285.0	2.5	tr.
118.0	184.0	Diorite - Medium grained, medium gray. Only lightly chloritized, fairly massive except for few carbonate stringers.	7	285.0	287.5	2.5	tr.
			8	287.5	290.0	2.5	tr.
			9	290.0	292.5	2.5	tr.
184.0	187.5	Shear - Close shear, has been violently crenulated at about 2" radius.	12170	292.5	295.0	2.5	tr.
			1	295.0	297.5	2.5	tr.
187.5	236.0	Rhyolite (?) - Strongly resembles gray feldspar type from 2325 etc. Cut by numerous weak shears at 300 - 900 to core with trace pyrite.	2	297.5	300.0	2.5	tr.
			3	300.0	302.5	2.5	tr.
			4	302.5	305.0	2.5	.15
236.0	282.0	Diorite (?) - Medium grained, medium gray green. 255 - 267 - Tendency to feathery femic min. Miscellaneous shear & fracture.	12178	305.0	307.5	2.5	tr.
			9	307.5	310.0	2.5	tr.
			12180	310.0	312.5	2.5	tr.
			1	312.5	315.0	2.5	.01
			2	315.0	317.5	2.5	.05
282.0	304.0	Rhyolite (Gray Feldspar Type) Rusted vugs 281.0- 287.0 Remainder shows trace of fine pyrite 302.5 303.5 light silicification & 1/8 pyrite.	3	317.5	320.0	2.5	.14
			4	325.0	327.5	2.5	tr.
			5	327.5	330.0	2.5	tr.
			6	330.0	332.5	2.5	tr.
304.0	321.0	Fuchsite - Probably developed from rhyolite. Trace (-) pyrite.	7	332.5	335.0	2.5	tr.
			8	335.0	337.5	2.5	tr.
321.0	324.0	Sand-filled slip - Jackpine core.	9	337.5	340.0	2.5	tr.
324.0	329.0	Rhyolite (Gray feldspar type)	12190	340.0	342.5	2.5	.02
329.0	346.0	Diorite - Weak tendency to fuchsite. Occasional speck of pyrite.	1	342.5	346.0	2.5	tr.
		346.0 - End of hole.					

TERRAIN **SENATOR ROUYN**
PROPERTY

TROU No. **S 138**
HOLE No.

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

FEUILLE No. **1**
SHEET No.

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN **November 25, 1949**

LAT. **2333.87** DEP. **2099.47**

ANGLE **609.0 ft.**

TERMINÉ LE
DATE FINISHED **December 1st. 1949**

ELEVATION, ORIFICE
ELEVATION, COLLAR

PROFONDEUR TOTALE
TOTAL DEPTH **600' - 900' - 840 (850 - 30')**

JOURNAL PAR
LOGGED BY **W. R. S.**

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
0.0	38.0	Casing					
38.0	80.0	Diorite - Medium grained, medium to lighter gray, not chloritized but fractured with carbonate filling	12192	85.0	87.5	2.5	tr.
80.0	210.0	Rhyolite? - Medium grained, gray like relatively acid gray feldspar type, rhyolite. Become coarser down hole. Disseminated leucoxene	3	87.5	90.0	2.5	tr.
		85 - 90.0 Fracturing with relatively heavy pyrite - some chalcopyrite (3%)	4	100.0	102.5	2.5	tr.
		Odd speck of pyrite throughout.	5	125.0	127.5	2.5	tr.
		Rock becomes more acid beyond 125 to look much more like a true rhyolite.	6	130.0	130.5	2.5	tr.
		150 - 157 - Weak shear at very small angle to core. No pyrite.	7	140.0	142.5	2.5	tr.
		165 - 166 Lost core.	8	145.0	147.5	2.5	.02
		170.0 - 172.0 - Weak ill-defined shear.	9	150.0	152.5	2.5	.01
		172.0 - 175.0 - Lost core.	12200	155.0	157.5	2.5	tr.
		210 - 215 - Weak shear at very small angle to core. No pyrite.	12401	160.0	162.5	2.5	tr.
		165 - 166 Lost core.	3	170.0	172.5	2.5	.01
		170.0 - 172.0 - Weak ill-defined shear.	4	175.0	177.5	2.5	tr.
		172.0 - 175.0 - Lost core.	6	185.0	187.5	2.5	tr.
210.0	280.0	Diorite - Medium grained, medium gray fairly numerous carbonate stringers to 1/4" and much of length has dissemination of leucoxene.	7	190.0	192.5	2.5	.01
280.0	320.0	Diorite - Medium grained, lighter gray. More massive.	8	195.0	197.5	2.5	tr.
320.0	362.0	305.0 - 309.0 Dyke - andesitic.	9	500.0	502.5	2.5	.02
320.0	362.0	Diorite - Sheared enough to give considerable broken core and some rust at 20 - 300 to core. Only very moderate carbonatization and no pyrite.					
		345.0 - 347.5 - Lost core.					
362.0	425.0	Diorite (Chloritized) - Medium grained, medium greenish gray. Cut by numerous carbonate stringers to 1/4" at all angles to core.					
425.0	487.0	Shear Zone - Strong shear in diorite at 350 to core with strong carbonate and fuchsite replacement and filling. Main zone would appear to be from 470-487 as core is most strongly broken, it is strongly					

TERRAIN
PROPERTY **SENATOR ROUYN**

MINISTÈRE DES MINES, QUÉBEC - DEPARTMENT OF MINES, QUEBEC

JOURNAL DES SONDAGES AU DIAMANT - DIAMOND DRILL RECORD

111-6
TROU No. **S 138**
HOLE No.

FEUILLE No. **2**
SHEET No.

SECTION

COORDONNÉES ORIFICE
CO-ORDINATES COLLAR

ORIENTATION
BEARING

COMMENCÉ LE
DATE BEGUN

LAT. _____ DEP. _____

ANGLE _____

TERMINÉ LE
DATE FINISHED

ELEVATION, ORIFICE
ELEVATION, COLLAR _____

PROFONDEUR TOTALE
TOTAL DEPTH _____

JOURNAL PAR
LOGGED BY _____

CAROTTE CORE FOOTAGE		DESCRIPTION	ECHANTILLON NO SAMPLE NO	DE FROM	A TO	LONGUEUR LENGTH	ANALYSE, ONCES D'OR PAR TONNE ASSAY, OUNCES GOLD PER TON
DE FROM	A TO						
		rusted and there are 4 feet of lost core. No pyrite.					
487.0	505.0	Diorite Shear - Moderate shear with trace of silicification and trace (-) fine pyrite.					
505.0	555.0	Diorite (Chloritized) - Medium grained, green strongly fractured with numerous carbonate stringers. (to coarser)					
555.0	609.0	Diorite - Medium grained, medium gray, not too massive as it is cut by fairly numerous carbonate stringers and two weak shears at 578 - 580 and 607 - 609. 609.0 - End of Hole					