

GM 10957-C

DIAMOND DRILL RECORD

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Énergie et Ressources
naturelles

Québec 

HEVA CADILLAC GOLD MINES LIMITED
McWatters, Quebec

September 26th, 1944

Mr. J.J. Coghlan,
24 King Street West,
Toronto, Ontario.

Dear Sir:

The No. 2 hole of the Heva-Cadillac drilling in Joannes twp was completed at a depth of 486 feet. Caving of the shear in the upper part of the hole made it impossible to continue the hole to its objective of 800 feet.

The collar of the No. 2 hole is located 300 feet south of No. 1 Ledge was encountered at 19 feet. The Cadillac Bouzan shear was entered at 73 feet and continued in same to 294 feet. Lost core occurs at the foot wall of shear. Sludges were obtained over the entire hole in 10 foot sections. The assay results on core and sludges, are as follows:

<u>CORE</u>		<u>SLUDGES</u>	
<u>Footage</u>	<u>Assay</u>	<u>Footage</u>	<u>Assay</u>
294 - 295	.02 oz.	260-270	tr
295 - 297	.01	270-280	nil
297 - 300	tr	280-290	.01 oz.
320 - 322.3	.04	290-300	.01
322.3-423.3	.05	300-310	tr
324.3-327	.03	310-320	tr
327 - 330	.09	320-330	.05
330 - 335	.01	330-340	.06
335 - 340	.01	340-350	.01
		350-360	.01
		360-370	.04
		370-380	.01
		380-390	.03
		400-410	.02
		410-420	tr
		420-430	tr
			.01

A section of these two holes will be sent to you. The values in the No. 2 hole corresponds to those obtained in the No. 1 Hole. The No. 2 intersection is about the 250 foot horizon while the intersection in the No. 1 hole is about the 420 foot horizon.

The No. 3 hole is located 150 feet east of the No. 2 hole. The casing is down and 5 feet of core is in this morning.

Tests No. 2

Yours very truly,
HEVA-CADILLAC GOLD MINES LTD.

200' - 480
300' - 520

Ministère des Richesses Naturelles, Québec

SERVICE DES GITES MINÉRAUX

No GM-10957-C

W.J. Hosking.

PUBLIC

5M 10957-C

HEVA CADILLAC GOLD MINES LTD.

Diamond Drill Holes
Nos. 1, 2, 3.

D.D.H. No. 1

150 - 475	Talcoose Schist
475 - 479	" "
479 - 485.6	White Qtz.
485.6-493	Lost
493 - 498.4	White Qtz.
498.4-503	Lost
503 - 503.9	Talc Shear
503.9 - 505	Lost
505 - 507	Talc Schist
507 - 515	Lost core
515 - 522	Talc shear
522 - 550	Talc "
550 - 554	Lost
554 - 556	Talc shear Lower Contact
556 - 584.2	Silic. Grey some qtz. strgs.
584.2-587.5	Sugar Qtz.
587.5-591	Lost
591 - 597.5	Tuff grey some strgs.
597.5-599	Sugar Qtz.
599-615.5	Tuff Grey
615.5-625	Compact talc shear (Sub shear)

Logged By: W.L.
Aug. 1/47.

PUBLIC

Ministère des Richesses Naturelles, Québec

SERVICE DES GITES MINÉRAUX

No GM- 10951-C

HEVA CADILLAC GOLD MINES LTD.

4685-N

2235-E

Core 555.8-557	Assay	.14 ozs.
-560		lost
565		.23
570		.04
575		.02
580		.02
584.2		tr
587.9		.03
591		Lost
595		.01
597		.01
598.8		.01
600		tr

Tests Hole No. 1	- 150'	45°
	300'	45°
	450'	45°
	600'	48°

No. 1 Hole Sludge - Taken from Map - section

420-430	tr	610-620	0.09
430-440	tr	620-630	0.03
440-450	tr	630-640	0.08
460-470	tr	640-650	0.01
470-480	tr	650-660	0.03
480-490	0.06	660-670	0.01
490-500	0.02	670-680	0.01
510-520	0.01	680-690	0.01
520-530	tr	690-700	0.04
530-540	tr	700-710	0.01
540-550	0.02	710-720	0.01
550-560	0.09		
560-570	tr		

END OF HOLE 763.7

HEVA-CADILLAC GOLD MINES LIMITED

(JOANNES TOWNSHIP)

Elev: 996.41 + 2.23
Above #2.

D.D. Hole No. 1-E

4380 N

2385 E

Tests - 150' - 480
300' - 470
450' - 490
600' - 470

LOG

0 - 20 Casing
20 63 Greywacke
63 301 Talc Schist
307.4 50% Sugary Quartz
317.4 Talc schist
318.9 25% Sugary Quartz
346 Greywacke
350.5 50% Sugary quartz
358.1 Greywacke
359.2 50% Quartz
360.5 Greywacke
363 10% Sugary Quartz
463.4 Greywacke
475 Greywacke Sil cified- Slightly Mineralized
491.5 Talc
617 Greywacke - Amphibolized and Micaceous.

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Ministère des Richesses Naturelles, Québec

SERVICE DES GITES MINÉRAUX

No GM-10957-C

Core Samples

Core Samples	Sludge Samples
301.5-305	0.01(50% sugar) 20 - 30 tr 300 - 310 tr
305 -307.5	0.01 (qtz) 30 - 40 tr 310 - 320 0.02
317.4-318.9	0.0825% " 40 - 50 tr 320 - 330 0.02
346 -350.5	0.0150% " 50 - 60 tr 330 - 340 0.02
358.1-359.2	0.0250% " 60 - 70 tr 340 - 350 0.03
360.5-363	0.1310% " 70 - 80 tr 350 - 360 0.02
375 -380	0.02 80 - 90 tr 360 - 370 0.07
380 -385	0.02 90 - 100 tr 370 - 380 0.06
385 -390	0.06 100 - 110 tr 380 - 390 0.05
390 - 395	tr 110 - 120 tr 390 - 400 0.02
395 -400	tr 120 - 130 tr 400 - 410 0.05
400 -405	0.04 130 - 140 tr 410 - 420 0.04
405 -410	0.03 140 - 150 tr 420 - 430 0.05
410 -415	0.04 150 - 160 nil 430 - 440 0.05
415 -420	0.01 160 - 170 tr 440 - 450 0.05
450 -455	0.02 170 - 180 tr 450 - 460 0.01
455 - 458	0.05 180 - 190 tr 460 - 470 0.07
458 -463.3	0.03 190 - 200 tr 470 - 480 0.05
463.3-465	0.12 Look Like- 200 - 210 tr 480 - 490 0.04
465 -470	0.25 ly (v.g.) 210 - 220 tr 490 - 500 0.01
470 -475	0.03 220 - 230 nil 500 - 510 0.03
492 -495	0.01 Talc sch. 230 - 240 nil 510 - 520 0.05
499 -504	5tr 240 - 250 tr 520 - 530 0.01
528 -533.4	0.01 250 - 260 tr 530 - 540 tr
533.4-536.3	0.02 260 - 270 tr 540 - 550 tr
583.5-587	0.01 270 - 280 tr 550 - 560 tr
	280 - 290 tr 560 - 570 tr
	290 - 300 tr 570 - 580 tr
	580 - 590 0.03
	590 - 600 0.02
	600 - 610 0.02

HEVA CADILLAC GOLD MINES LIMITED

Elev: 996.41
+ 2.69 above
#2.

(JOANNES TOWNSHIP)

4385 N
2535 E.

D.D. Hole No. 2- E

LOG

0 - 19	Casing
19 - 82	Greywacke
82 - 285	Talc
285 - 400	Greywacke Mineralized with stringers of sugary quartz.
400 - 403	Talc
403 - 408.5	Felsite Dyke.
408.5 - 449.4	Talc
449.4 - 600	Greywacke - Amphibolized
600 - 650	Greywacke- with porphyry pebbles.

Core Samples

285 - 290	0.01
295	0.08) 15' @ 0.073
300	0.09) \$2.81 (\$38.50)
305	0.06) (Gold)
310	0.03
315	0.01
320	0.04
325	0.01
330	0.06
335	0.04
340	0.03
345	0.01
350	tr
355	0.01
360	0.08
364	tr
365	Lost core
370	0.12) 15' @ 0.13
375	0.12) \$5.00 (\$38.50)
380	0.15 (Gold)
385	0.01
390	0.03
395	0.04
400	0.03

Sludge Samples

30 - 40	tr
40 - 50	tr
50 - 60	tr
60 - 70	tr
70 - 80	tr
90 - 100	.01
100 - 110	.01
110 - 120	.01
120 - 130	.01
130 - 140	tr
140 - 150	tr
150 - 160	tr
160 - 170	tr
170 - 180	tr
180 - 190	tr
190 - 200	tr
200 - 210	nil
210 - 220	.01
220 - 230	tr
230 - 240	tr
240 - 250	tr
250 - 260	tr
260 - 270	tr
270 - 280	tr
280 - 290	.02
290 - 300	.03
300 - 310	.03
310 - 320	.04
320 - 330	.07
330 - 340	.05
340 - 350	.03
350 - 360	.01
360 - 370	.02
370 - 380	0.01
500 - 510	tr
510 - 520	tr
520 - 530	.01

Tests - 150' - 43°
300' - 45°
450' - 43°
659' - 45°

DIAMOND DRILL RECORD

Hole No. 3-E

Sheet No. 1

Lat: 4505 N 125 feet North of No. 2 in the
No. 1-2 section

Dep: 2235 E

Elevation of Collar 3 ft. below No. 2

Bearing: South

Dip: 55 degrees

Started: March 19th 1945

Completed: March 30th 1945

Ultimate Depth 579 feet.

Depth Feet	Formation	Width of Sample	Ounces
0 - 25	Casing		
186	Greywacke		
423.3	Cadillac shear - Lost core at 260-268		
	268 to 300 Highly talcose		
	Lost core 307-310; 360 364 370-380		
	397 406 (Actual contact could be Between 397 - 406)		
	406-408 Solid micaceous altered amphibolitized coarse pyrite.		
	408-410 Lost core		
	410-412 Talcose		
	412-419 Altered gr w. black sil. some qtz. threads coarse pyrite.	7.0	tr
	419-423.3 Talcose altered pyrite.	4.3	tr
425	Bl. sil. gr w. mostly massive	1.7	0.07
426.3	Lost core	1.3	-
430	Nl sil. gr w. arg. mostly massive	3.7	0.01
435.7	Greyish gr w. mostly massive	5.7	0.02
438	Contorted gr w. some brown gr w. some qtz. Little pyrite & chalcopyrite	2.3	0.11

DIAMOND DRILL RECORD

Hole No. 3-E

Sheet No. 2

Depth Feet	Formation	Width of Sample	Ounces
422.4	Light grey arg. gr w. mostly massive	4.4	0.04
446	gr. gr w. massive few qtz. threads	3.68	0.01
452	Banded gr w. arg. sugar qtz. filled at-		
	447.4" 450.2" 451-1" fine pyrite	7.0	tr
456.5	Gr. tuff. sil. gr w. massive		
459	Gr. tuff. sil gr. w. 5 qtz strs little pyrite	2.5	0.03
462.5	gr. sil. tuff gr w. mostly massive		
467	Fractured and brecciated arg. gr w. with sugar Qtz. 462.5 to 465- some pyrite. chalcopryrite and galena (consider a bed contact	4.5	0.12) 12.5 ft
469	gr gr w. sil banded qtz. strs. threads (20) & one about 2" with visible Gold.(One large Speck)	2.0	0.057) 0.115
475	Massive gr to bl gr w.	6.0	0.13
480	Massive sil bl gr w. with numerous qtz threads & strs (13) some pyrite and tourmaline	5.0	tr
485	same as above (16 threads)	5.0	tr
492	" " " (8 ") v.l.m.	7.0	0.01
495	Contorted bl sil. gr w. some qtz little pyrite	3.0	tr
503	gr w. agglomerate no qtz.		
507	gr w. agglomerate contorted qtz strs some pyrite	2.0	nil

DIAMOND DRILL RECORD

Hole No. 3-E

Sheet No. 3

Depth Feet	Formation	Width of Sample	Ounces
550	Gr w. agglomerate mostly massive some qtz scattered as filling between fragments		
575	Gr w. agglomerate		
	560 - 565 contorted some qtz. py.	5.0	0.05
	565-570 " " "	5.0	0.05
	570-575 " more qtz.	5.0	0.02
579	Altered schistose gr w. subsidiary shear		

END OF HOLE. 579 feet

Acid Tests 250 ft 53 deg.
 575 54

Corrected:

45°
 46°

HEVA - CADILLAC GOLD MINES LIMITED

Elev: 995.39

+ 1.67

Above # 2

BEARING SOUTH

(JOANNES TOWNSHIP)

Hole No. 4-E

4385 N

2835 E

Dip - 50 deg.

LOG

0 -	27	Casing
	183	Greywacke- bedding 60 degrees to core axis.
	340.7	Talc - Schist
	375	Mineralized schist
	437	Greywacke fine grained massive andesite texture
	500	Amphibole schist and Talc
	552	Talc schist
	556	Greywacke - bedding at 60 degrees to core axis

CORE ASSAYS

345.8	-	347.5	tr
348	-	355	.01
355	-	360	.01
360	-	365	.04
365	-	370	tr
370	-	375	.03
437.2	-	438.5	.01
438	-	445	Tr
445	-	449.5	tr

SLUDGE ASSAYS

300	-	310	.01
310	-	320	.01
320	-	330	.02
330	-	340	.05
340	-	350	.03
350	-	360	.06
360	-	370	.10
370	-	380	.03
380	-	390	.03
400	-	410	tr
410	-	420	.01
420	-	430	tr
430	-	440	.01
440	-	450	.01
450	-	460	.01
460	-	470	.01

Tests - None taken.

D.D.Hole # 4

SLUDGE SAMPLES (Continued)

530 - 540	.01
540 - 550	tr
550 - 560	tr
560 - 570	tr
570 - 580	tr
580 - 590	.01
590 - 600	tr
600 - 610	tr
610 - 620	tr
620 - 630	--
630 - 640	tr
640 - 650	tr

SLUDGE SAMPLES

380 - 390	0.09)	
390 - 400	0.08)	
400 - 410	.02)	From
410 - 420	.01)	.12 oz.
420 - 430	.04)	.15
430 - 440	.06)	.12
440 - 450	tr	
450 - 460	tr	
460 - 470	tr	
470 - 480	tr	
480 - 490	tr	
490 - 500	.01	

DIAMOND DRILL RECORD

Hole No. 5-E

Lat: 4505 N 125 ft. North of No. 1-E
 Location: 2385 E 150 ft. East of No. 3. (central Section)
 Elev. of collar 995.03 -(+ 1.31 above #2)
 Datum: 973.63
 Bearing: South
 Dip: 57 degrees.

Started: March 30, 1945
 Completed: April 11, 1945
 Ultimate Depth 543 feet.

Depth Feet	Formation	Width of Sample	Ounces
-16	Casing		
183	Greywacke		
419	Cadillac shear contact clear cut		
422.5	Brecciated and fractured, gr. W. filled with granular glassy sugar quartz - mostly barren. Few specks of pyrite. chalco, & Galena	3.5	0.04
425	Grabular quartz sugary little gr W. breccia appears barren, very little disseminated py. Light grey gr w 10 fractured qtz. fillings -1" - 1 " " " 4"	2.5	0.12
	some fine pyrite chalcopyrite & galens	5.0	0.34
435	Contorted & altered grey gr W qtz. filled with granular sugar qtz. of 11 fractures 1" little or no mineral	5.0	0.02
440	Contorted agglomerate gr w. 5 qtz. fractures little or no mineral	5.0	0.02
445	Black siliceous argillaceous gr w. few qtz threads & fractures, very little qtz, some fine pyrite,	5.0	0.11
450	Sil black banded arg. gr w 10 qtz. threads some fine pyrite.	5.0	0.11

DIAMOND DRILL RECORD

Hole No. 5 E

Depth Feet	Formation	Width of Sample	Ounces
495	Sil. agglomerate gr w. scattered qtz. fractures V.L.M.		
510	Gr. W. banded ribbon type 90 deg. to core axis light grey and yellow bands 1/8 to 1" thick		
	495 - 500 Little qtz. V.L.M.	5.0	0.01
	500 - 505 " " "	5.0	0.02
	505 - 510 9 qtz. threads 2 specks V.G. in one thread V.L.M.	5.0	0.03
515	Mostly tuffaceous type gr w. some contortion 4 fractured strs little pyrite.	5.0	0.03
520	gr w. agglomerate somewhat banded 2 irregular qtz. fractured strs little pyrite.	5.0	0.03
525	gr w contorted in part 4 qtz. strs little py. v.l.m.	5.0	0.01
543	Altered gr w. subsidiary shear		
	Hole ends clean at 543 feet		

Acid Tests-

350 ft. 59 degrees
540 " 58 degrees

DIAMOND DRILL RECORD

Lat: 4380-N 75 feet East of No. 2 Hole or central section
 Location: 11.76 2110 - E
 Elev. of collar: 225.48 1 ft. higher than No. 2 or datum
 Datum: Collar of No. 2 hole.
 Bearing South
 Dip: 50 degrees

Hole No. 6-E
 First hole for second drill
 Started: March 28, 1945
 Completed: April 11th, 1945
 Ultimate Depth 486.5

Depth Feet	Formation	Width of Sample	Ounces
0 - 16	Casing		
63	Greywacke		
325.5	Cadillac shear- considerable trouble was experienced in this hole due to intense shearing		
331	Argillaceous gr w. at 1 1/2 ft. from clean cut contact 1 foot of brecciated qtz and gr w.	5.5	0.17
331	4" Mud seam- which gave trouble and sluffed micaceous mud into balance of hole and diluted sludge samples to such an extent that they are not representative. The sludges were assayed as a matter of record to see if the dilution was effective in destroying any value cut.		
336	Tuff gr w. sil. no str. v.l.m.		
346	Grey tuff gr w. 3 qtz. threads v.l.m.		
350	arg. sil. gr w. 10 qtz. threads v.l.m.	4.0	0.02
355	sil. gr w. some contortion 1 ft. brecciated qtz. at 35 1/2-55 v.l.m. and 4" brec. qtz. some tourmaline v.l.m.	5.0	tr
359	Sil. gr w. few qtz. threads (7) v.l.m.	4.0	0.02
364	Qtz. gr w. breccia. sil. tuff. gr w. some fine chalcopryrite galena & pyrite 13 qtz. threads	5.0	0.15

DIAMOND DRILL RECORD

Hole No. 6-E

Depth Feet	Formation	Width of Sample	Cunces
371	Sil. Tuff gr w. 8 qtz. strs porrible contact very poor in mineral	7.0	0.04
375	Sil arg. gr w. massive some banding		
380	Sil. gr w. agglomerate arg & Tuff. 23 qtz. threads		
384.5	sil. gr w. mostly tuff, 16 qtz. threads		
388	Sil. gr w. contorted 2-3" qtz. fractures v.l.m.	3.5	0.02
391	Sil gr w. 4 qtz. threads		
396	sil. gr w. mostly argillaceous 2 contorted 1" qtz. fractures v.l.m. & 9 qtz threads no min.	5.0	0.04
402	sil arg. gr w. 12 qtz. threads		
410	sil. arg. gr w. banding but massive		
415	sil. arg. gr w. 8 qtz. fract. little pyrite	5.0	nil
418	sil. arg. bedded gr w. little pyrite little or no quartz	3.0	0.03
421	sil. arg. gr w. 1-1" qtz str considerable free gold (removed for separate sample or assay See below) 1-1" diagonal str. <u>not</u> running		
	The length of the core, little pyrite, section altered as if a contact between beds of gr w.	2.8	0.25
	Two tenths of a foot with 1" of qtz. visible		
	Gold. Part of Sample No. 137	0.2	4.27

DIAMOND DRILL RECORD

Hole No. 6-E

Depth Feet	Formation	Width of Sample	Ounces
424	Sil Tuff & arg. gr w. 6 contorted qtz fractures with altered margins 'yellow) some fine pyrite	3.0	nil
428	sil tuff gr w. 8 qtz. threads v.l.m.	4.0	nil
443	sil tuff gr w. mostly massive few qtz. threads		
446	Sil. tuff gr w. 2 qtz. fractures little pyrite	3.0	0.03
452	Sil tuff, gr w. massive		
457	Sil. tuff, gr w. 8 qtz. strs little tourmaline py	5.0	0.01
462	Sil. Tuff, gr w. (massive) no qtz. threads		
467	Sil Tuff, gr w. 2 qtz. 2" fractures little pyrite	5.0	nil
472	Sil Tuff & arg. gr w. light coloured $\frac{1}{2}$ to $\frac{1}{2}$ bands very little qtz. some fine pyrite & chalco	5.0	nil
477	Sil. Tuff & arg. gr w. few light coloured bands v.l.m. 1 qtz. fracture	5.0	nil
482	Sil. contorted arg gr w. 3- 1" fr qtz. strs Little pyrite and very fine chalcopryrite	5.0	tr
486.5	Lower or subsidiary shear altered gr w.		

END OF HOLE CLEAN AT 486.5

Acid Tests

250' 59 degrees
483' 57 "

Corrected:

51° 30'
49°

DIAMOND DRILL RECORD

Hole No. 7-E

Lat: 4500 N 150 feet East of No. 5-E or 300 feet East
Location: 2535 E of No. 3 hole in the Central Section
Elev. of Collar 995.59 + 1.87 above # 2
Datum: 973.63
Bearing: South
Dip: 55 degrees

Started: April 12th, 1945
Completed: April 24th 1945

Depth Feet	Formation
0 - 17	Casing
200	Greywacke
200	Upper contact of Cadillac shear-
	Lost core at following footages.
	303-307.5 330-334
	310-315 340-344.5
	350-352 389-393
	360-362 400-402
	370-374 420-422
450	Full recovery Talcose altered amphibolitized greywacke
455	Talcose altered gr w. schistose parallel to core
460	Talcose alt. gr w.
461	6 inch mud seam
470	Lost core
475	Talcose altered gr w.
478	Lost core
500	Talcose altered micaceous gr w.
527	Talcose altered gr w. From 510-525 good solid core with 90 deg. bedding.

DIAMOND DRILL RECORD

Hole No. 7-E

Depth Feet	Formation	Width of Sample	Ounces
551	Altered micaceous siliceous gr w. scattered qtz. strs. from 533-538 - 4 qtz. strs. with some fine pyrite, chalcopryrite, arsenopryrite	5.0	nil
565.2	Siliceous altered gr w. amphibolitized		
569	Glassy opaque quartz with some tourmaline pyrite pyrrhotite & specks of chalcopryrite	3.8	nil
575	Sil altered gr w. amphibolitized some fine pyrite, one 6" fractured section with some scattered fine pyrite, chalcopryrite, pyrrhotite	6.0	0.02
578	Talcose altered gr w. not schisted		
593	Siliceous altered gr w. amphibolitized		
597.5	Siliceous altered gr w. with 2 feet glassy opaque quartz with some tourmaline arsenopryrite specks chalcopryrite also some pyrite & Pyrrhotite.	4.5	nil
624	624 altered micaceous gr w. amphibolitized.		

Hole ended at 624 (clean)

Acid Tests	250 ft	54 deg	<u>Corrected</u>
	540 "	55 deg.	46°
			47°

DIAMOND DRILL RECORD

Hole No. 8-E

Lat: 4385 N Located 75 feet East of No. 1-E (old No. 3)
 Dep: 2460 - E
 Elev. of Collar: 995.98
 Datum: 2.26 above # 2
 Bearing: South
 Dip: 52 degrees

Started: April 12th 1945
 Completed: April 23 rd. 1945
 Ultimate Depth 452 feet.

Depth feet	Formation	Width of Sample	Ounces
0 - 14	Casing		
75	Greywacke		
308.5	Cadillac shear- from 275 to 308.5 considerable core lost - from 305 to 308.5 mud sand making a very bad contact section.		
314	Br. gr w. & sugar quartz little chalcopryrite pyrite and galena.	5.5#	nil
315.8	Altered dyke material		
320	Sil. arg. gr w. 6 qtz. very little chalco some pyrite.	4.2#	0.01
326.5	Sil. Tuff gr w. 2.5 ft. quartz 7 gr w. breccia fair mineralization pyrite & specks chalco	6.5#	0.18
337.5	Sil tuff gr w. mostly massive 3 qtz. threads		
340	Contorted & brecciated tuff gr w. qtz. filled little or no mineralization	2.5	0.03
345	Somewhat contorted sil tuff gr w. little qtz little or no mineral	5.0	0.01
350	Sil. tuff gr w. 8 qtz. threads no min.	5.0	tr
355	Sil. tuff, gr w. 3 qtz. threads 353.5-354 qtz. gr w. breccia little pyrite	5.0	0.01

Note: Assays marked with # mean that all split core sent for assay has been pulverized instead of quartering the crushed core.

DIAMOND DRILL RECORD

Hole No. 8-E.

Depth Feet	Formation	Width of Sample	Ounces
360	Sil Tuff, gr w. 13 qtz. threads - somewhat banded 1-1" qtz. str. no mineral	5.0	Trace
365	Sil. Tuff gr w. mostly massive		
370	Sil. Tuff gr w. 5 qtz. threads 365-366 br. some fine pyrite.	5.0	nil
374	Sil. Tuff gr w. banded qtz. threads v.l.m.	4.0	0.01
377	sil. tuff gr w. 6" br. qtz. & gr w. some fine py.	3.0	0.02 π
382.5	Sil. arg. gr w. banding 5 fr. qtz. str. some pyrite fine chalco specks	5.5	0.05 π
388.5	Sil. arg. gr w. banding 8" fr. qtz. str. some py	6.0	0.02 π
393.5	sil arg. & tuff gr w. 6 qtz. threads fine py	5.0	nil
405	mostly sil. arg. gr w. no str. some banding 90°		
410	sil. arg. gr w. agglomerate some banding 90°	5.0	Trace
415	7 qtz. str. br. ciated fine pyrite	5.0	0.02 π
415	banded sil arg. gr w. agglom. 3 qtz. str. fine pyrite specks chalco.	5.0	0.03
420	sil. gr w. & tuff bands 1 ft. brecc. qtz. & gr w. some fine pyrite	5.0	nil
425	sil. arg. gr w. 7 qtz. threads some fine pyrite	5.0	0.03
433	sil arg. gr w. 8 qtz. threads fine pyrite	8.0	0.03
452	Altered amphibolitized chloritic talcose gr w.		
	END OF HOLE - Acid tests 250 ft. 60 deg. 52° 3'-		
	452 " 60 deg. "		

DIAMOND DRILL RECORD

Hole No. 9-E

Lat: 4385 N 75 feet East of No. 2-E or 375 feet East of
 Dep: Section (1-2-3) 2605-E
 Elev. of Collar: 995.96 2.24 ft. Higher than No. 2
 Datum: No. 2 Hole
 Bearing: South (True)
 Dip 45 degrees

Started: April 25th 1945
 Completed: May 1st, 1945
 Ultimate Depth 413.5

Depth Feet	Formation	Width of Sample	Ounces
0-15	Casing		
95	Greywacke		
95	Upper contact of Cadillac shear		
329	Cadillac shear		
376.5	Siliceous tuffaceous gr w. massive		
378	Sil. Tuff gr w. with 1 Qtz. str. 1" with cube py. 1.5	1.5	0.03
393	Sil. Tuff, gr w. massive		
395	Sil. Tuff, gr w. with irregular Qtz. threads parallel to core axis fairly well mineralized	2.0	0.24
400	Sil. Tuff. gr w. slips fractured along axis core from 395 to 398, two specks Visible Gold noted. From 398 to 400 somewhat banded 8 Qtz. threads	5.0	0.07
400	Lower or subsidiary shear contact		
413.5	Altered talcose gr w.		

end of hole 413.5 feet.

Acid Test. Corrected
 335 feet - 54 degrees. 46°

DIAMOND DRILL RECORD

Hole No. 10-E

Lat: 4390 N 300 feet East of No. 4-E (old no. 6)

Dep: 3135 E

993.68 Elev. of collar 0.04 Below #2

Bearing South

Dip 45 degrees

Started: May 3rd 1945

Completed: May 17th, 1945

Ultimate Depth 720 feet.

Depth Feet	Formation	Width of Sample	Ounces
0 - 58	Casing		
71	Gr w. somewhat banded		
82	Gr w. bedded (buttons of core)		
84	gr w. bedded 1 $\frac{1}{2}$ " grey glassy qtz at 83 scattered disseminated arsenopyrite	2.0	0.03
110	gr w. light & dark bands, olive or yellow to black particularly banded 102-110		
122	Sil tuffaceous gr w. fairly massive		
125	Sil. tuff gr w. scattered arseno crystals	3.0	nil
134	Light coloured altered talcose gr w. scattered pyrite cubes typical of subdiurnal shear to the west although not as schisted.		
165	Dark coloured amphibolized micaceous gr w. scattered pyrite cubes - Conglomerate pebbles at 135; 138; 140; 142		
168	Rock becoming more talcose less micaceous Upper contact of shear		
171	Lost core		
172.5	Contorted altered talcose gr w.		
173	Lost core		
182	Contorted talc gr w.		

DIAMOND DRILL RECORD

Hole No. 10 E

Depth Feet	Formation	Width of Sample	Ounces
184	Lost core		
186	Contorted talc gr w.		
257	Shear as follows: - continued --		
	186 - 187.5 L.C.		
	187.5-204 cont. talc gr w.		
	204 - 208 L.C.		
	208 - 217 Talc gr w. buttons		
	217 - 225 Nodules of core. Talc gr w.		
	225 - 227.5 L.C.		
	227.5 - 237 Talcose alt. gr w.		
	237 - 245 Fairly massive altered grw. F.W.M. cube pyrite		
	245 - 252.5 Cont. alt. talcose gr w.		
	252.5 - 254 L.C.		
	254 - 257 altered brecciated talcose gr w. coarse pyrite cubes, some opaque milky white quartz brecciated		
261.5	Lower contact at 257 --- amphibolized dark micaceous sil. gr w. or diorite gabbro		
265	Massive sil black hornblendic rock very heavy fine pyrite, quartz hornblende diorite ?? gabbro.		

DIAMOND DRILL RECORD

Hole No. 10 E

Depth Feet	Formation	Width of Sample	Ounces
308	Massive sil. mottled green and black hornblendic rock, scattered fine pyrite throughout and occasional irregular glassy qtz. threads & stringers up to $\frac{1}{2}$ " In part to a greenish greenstone.		
310	Amphibolized variation of 300 to 308		
350	Amphibolized sil gr w. dark purple with greenish patches. Variable quantities of fresh Pyrite in crystal form.		
	310 - 312 Heavy pyrite in fractures	2.0	nil
	315 - 317 Same	2.0	0.01
	319 - 322 Same	3.0	nil
	324 - 327 same	3.0	nil
	338.5-340. heavy sulphides	1.5	0.03
389	Amphibolized sil. gr. porphyritic conglomerate boulders at 351; 356; 360, around the edges of boulders ring of coarse pyrite and at 355' 361.5; 366; 369; 381.		
414	Dark green compact rock, resembles a greenstone (chloritized)		

DIAMOND DRILL RECORD

Hole No. 10 E

Depth Feet	Formation	Width of Sample	Ounces
418.5	Amphibolized phase of above rock 8 grey qtz. strs at 416-418.5 some crushed material at 418.5		
424	Porphyritic compact rock, speckled with diss. pyrite quartz diorite porphyry dyke ? feldspar		
428	Amphibolized phase of sil diorite		
430	Qtz porphyritic diorite diss crystal pyrite		
434.5	Amphibolized diorite		
438	Porphyritic feldspar diorite diss py & qtz threads		
443	Amphibolized diorite		
450	Sil. porphyritic Feldspar diorite very well mineralized with fresh crystal pyrite	7.0	nil
458	Sil. porphyritic feldspar diorite very well mineralized disseminated pyrite.		
-CONTACT-			
463	Sil. compact somewhat argillaceous gr w. 2 qtz. threads little pyrite - few specks of chalco	5.0	nil
468	Sil compact somewhat argillaceous gr w. 5 qtz. threads some fine banded pyrite few specks of chalco	5.0	nil
473	Same 4 qtz. threads	5.0	Trace
478	Same, although fractured and blocky-4 qtz threads V.L.M. slightly amphibolized 465-478	5.0	Trace.

DIAMOND DRILL RECORD

Hole No. 10-E
Sheet No. 5

Depth Feet	Formation	Width of Sample	Ounces
492	Slightly amphibolized tuff gr w.		
493	Fractured section with qtz threads filling fr. no mineral		
506.5	Amphibolized gr w. At 506.5 a MUD Seam & 2" white opaque milky qtz (Fault)		
531	TALCOSE compact somewhat amphibolized gr w.		
577	Gr w. Conglomerate qtz tourmaline fractures str at 545		
582	Grey tuff gr w. somewhat banded 6 qtz. threads 2 brecciated qtz stringers little py in str	5.0	Trace
584.5	Banded and contorted sil gr w. course patches of pyrrhotite py and chalco 3 fr qtz str.	2.5	0.01
587	compact sil tuff grey gr w. 1 qtz. str. v.l.m.	2.5	nil
588.5	sil tuff gr w. 3 cont. str chloritized one 1/2 ring of pyrrhotite and some chalco	1.5	nil
596.5	sil grey purplish gr w. mostly compact 2 qtz. threads		
597	Contorted blue qtz str little pyrite	0.5	0.01
604	Mostly compact sil gr w. grey 2-4" qtz str		
607.5	Banded 70 deg. sil. tuff gr w. 1-6" qtz str chloritized 7 qtz threads fine pyrite.	3.5	nil

DIAMOND DRILL RECORD

Hole No. 10-E

Sheet No. 6

Depth Feet	Formation	Width of Sample	Ounces
611	Banded sil tuff and arg. gr w. 90 deg. 1-8" qtz. str some fine pyrite 11 veinlets or threads fine pyrite	3.5	nil
615.5	Banded arg. & Tuff micaceous gr w. no qtz. str		
617.5	Sil mottled micaceous gr w. 2 contorted blue glassy qtz str little pyrite	2.0	nil
622	Contorted grey gr w. filled with white glassy	2.5	Trace
641.3	Sil grw. tuffaceous occasional qtz. str.		
643	Contorted bedding contact gr w. 1 qtz. str. Specks pyrite and chalcopyrite	1.7	Trace
646.5	Sil. gr w. tuffaceous massive		
648	Contorted and brecciated gr w. qtz. str and qtz. filled specks pyrite.	1.5	0.01
651	Cont. gr w. 6 qtz. some pyrite & pyrrhotite	3.0	0.12
653	Cont. & br. gr w. qtz. filled micaceous (biotite)	2.0	Trace
668.5	Sil Tuff gr w.		
671	Bedded 90 deg. arg. & tuff gr w. 2 qtz. str 5 qtz threads micaceous scattered pyrite	2.5	0.03
675	Bedded 90 deg. arg. & tuff. sil gr w. 3 qtz. str. few qtz threads scattered pyrite	4.0	0.03

DIAMOND DRILL RECORD

Hole No. 10-E
Sheet No. 7

Depth Feet

Formation

697.5 Bedded 90 deg arg. & Tuff gr w. numerous qtz
 threads little or no mineral qtz str at
 681; 682; 685.

720 Massive tuff sil gr w. few qtz threads and str
 at 701

END OF HOLE 720 feet.

Acid Angle Tests-

350 feet - 52 Deg. 44-30
720 feet - 51 " 44-00

DIAMOND DRILL RECORD

Lat: 4094 feet North
 Dep: 3440 feet East
 Bearing: South
 Dip: 48 deg.

Hole No. 11-E
 Sheet No. 1
 Started: May 18th 1945
 Completed: May 24th, 1945
 Ultimate Depth 482 feet.

Depth Feet	Formation	Width of Sample	Ounces
0 - 70	Casing Swamp		
89	Amphibolized fine grained black hornblende rock-altered hornblende diorite (gabbro) amphibolite		
94	Broken core- contorted & in part calcose altered gr w. ?		
95	Lost core		
96.5	Amphibolized dil gr w. core broken		
97.5	Lost core		
98	Broken bits of core chloritized gr w.		
99	Lost core		
102	Nodules of core - chloritized altered		
127	Amphibolized black hornblende diorite (gabbro)		
137	Phase of amphibolized diorite "		
152	Fine grained rock resembles greenstone		
176	gr w. conglomerate ? boulders at 159 with heavy almost massive pyrite over 6 inches from 170-173 porphyritic v.l.m. pyrite.		
190.5	sil. porphyritic qtz diorite speckled fine pyrite		
202	somewhat amphibolized gr w. conglomerate contorted		
211	Argillaceous slightly fractured gr w.	9.0	nil
216	Argil. chloritized slightly fr gr w. some py.	5.0	nil

DIAMOND DRILL RECORD

Hole No. 11-E
Sheet No. 2

Depth feet	Formation	Width of Sample	Ounces
219	Argil. chloritized somewhat amphibolized gr w. one qtz. str with pyrr. py. chalcopryrite specks	3.0	Trace
222.5	Amphibolized sil gr w. fine pyrite	3.5	0.02
224	Amphibolized sil gr w. 1 qtz. stringer chloritized specular arsenopyrite both sides	1.5	0.02
228	Amphibolized sil gr w. 1 qtz. str fine pyrite	4.0	Trace
229.5	Amphibolized slightly talcose gr w. patches of horblende.		
236	Qtz diorite porphyry (Feldspar Porphyry)		
252.5	Talcose altered gr w. (subsidiary shear) ?		
275	Banded 90 deg tuff gr w. few small conglomerate pebbles numerous qtz threads little or no mineral		
297	Sil tuff. gr w. few qtz. threads		
300	Banded tuff gr w. 6 qtz. specks of pyrite	3.0	Trace
321	Sil. Tuff gr w. some banding		
324	Contorted and banded tuff gr w. 3 qtz. str		
	Little or no mineral (contact in gr w. beds)	3.0	Trace
330	Massive tuff gr w.		
335	90 deg. bedding qtz filled with threads arg. bed.		
344	Somewhat amphibolized gr w. 6 qtz. threads		
353.5	Argillaceous type gr w. 8 qtz. $\frac{1}{2}$ " str little or no mineral		

DIAMOND DRILL RECORD

Hole No. 11-E
Sheet No. 3

Depth Feet	Formation	Width of Sample	Ounces
368.5	Tuff gr w. contorted in part 368 .5		
388	Bedded 90 deg. banding sil & rag tuff gr w.		
402	Massive gr w. tuffaceous		
404	Massive bedded gr w. tuff. numerous qtz threads		
409	Massive tuff. gr w.		
425	Mixture of massive contorted and fractured tuff gr w. qtz. filled some banding		
430.5	Somewhat amphibolized tuff gr w. 7 qtz. strs		
435	Massive banded tuff gr w. 9 qtz. threads		
438	Tuff gr w. bedding 90 deg. -- change of formation --		
456	Massive light gr gr w.		
461	Broken and contorted light grey gr w. 3 qtz strs with pyrite in strs. sericitized on margins		
465	Light grey gr w. some massive and some 90 deg. shearing 3 contorted strs pyrite	4.0	nil
	2 strs 90 deg. -- 3 qtz threads 90 deg pyrite.		
473	Light grey gr w. some massive some shearing 90 2 qtz strs & 2 qtz threads 90 deg. fine pyrite	8.0	nil
482	Dark green chloritized rock fr. gr w. ? End of Hole 482 feet Acid angle Test at 482 feet -- 55 degrees		48°

DIAMOND DRILL RECORD

Hole No. 13-E

Sheet No. 1

Lat: 4553 N

Dep: 4030 E

Elev. of Collar: 995.46 + 1.74 above # 2

Bearing: South

Dip: 50 deg.

Started: June 9th 1945

Completed: June 19th 1945

Ultimate Depth 706 Feet.

Depth Feet	Formation	Width of Sample	Ounces
0 - 75	Casing Swamp.		
108	Tuff type banded gr w.		
113	Arg. type gr w.		
115.5	Arg. type gr w. & qtz. vein (1.5 ft.) specks py chalco & blue tourmaline.	2.5	nil
127	Arg. type gr w.		
130	Tuff type gr w.		
154	Mostly arg. type gr w. some tuffaceous no mineral few qtz. threads.		
171	Tuff type gr w. 14 qtz. threads no mineral		
181	Massive tuff gr w. alightly amphibolized		
201	Tuff gr w. slight amph. 29 qtz. threads no min.		
241	Mixture of banded tuff gr w. parts amphibolized		
291.5	Banded arg & tuff types gr w. no strs little or no min amphibolized margin of shear		
303	talcose		
305	heavy fracture - gouge		
325	Talcose shear		
350.5	Shear 100% recovery		
353	Lost core		
355	Shear little qtz pyrite.		

DIAMOND DRILL RECORD

Hole No. 13 - E

Sheet No. 2

Depth feet	Formation	Width of Sample	Ounces
357.5	Brecciated white qtz & sheared gr w. well min py	2.5	nil
363.5	Talcose shear		
370.5	Sil. altered dark green (chloritized) massive rock		
402	Good recovery shear		
404	L.C.		
414	Buttons of shear		
417	Lost core		
418	Buttons Nodules shear		
420	L.C.		
424	Buttons		
431	Talc shear		
435.5	Lost core		
436.5	Shear		
438	Lost core		
447	Contorted talcose shear - End of main shear		
458	Amphibolized altered talcose gr w. Gabbro		
485	Siliceous amphibolized gr w. Gabbro		
540	Stratified Tuff fragmental		
	3" qtz at 503 -- 4 ft. qtz. 515 - 1 ft. at 530		
	2 ft. qtz. at 534 see over.		

DIAMOND DRILL RECORD

Hole No. 13-E
Sheet No. 3

Depth Feet	Formation	Width of Sample	Ounces
	529.7-531	1.3	0.11
	531-533	2.0	0.02
	533-537	4.0	0.01
	537-540 Contorted and brecciated gr w.		
	or Tuff qtz filled fairly well mineralized py	3.0	Trace
542.5	Contact section amphibolized gr w. f. w.m. py	2.5	0.01
547	Altered amphibolized gr w. fair min. py & pyrr	4.5	Trace
552	Same as above less mineral	5.0	Trace
557	" " " " "	5.0	nil
562	" " " spots of pyrr & chalcopyrite	5.0	nil
567	" " " " "	5.0	Trace
572	Stratified Tuff	5.0	0.01
597	Sil altered amphibolized gr w. scattered pyrite mineralized all one section ----		
572-577		5.0	0.04
	577-582	5.0	0.01
	582-587	5.0	nil
	587-595	8.0	nil
	595-597	2.0	0.02
	597-600 - contorted 3 qtz threads tourmaline	3.0	Trace
605	Altered sil saphib gr w. v.l.m.	5.0	0.01

DIAMOND DRILL RECORDHole No. 13-E
Sheet No. 5

Depth Feet	Formation	Width of Sample	Ounces
679.5	Altered gr w.	1.5	Trace
682	Mostly tourmaline some pyrite contact section	2.5	Trace
706	Greywacke conglomerate 1st boulder at 687		
END OF HOLE AT 706			
Angle			
Acid/Tests			
250 ft. 55 deg			
700 ft. 55 deg.			
DIAMOND DRILL HOLE NO. 13A-E - 150' South of 13-E			
Start June 5th Finished June 7th.			
6-100	Casing		
103	Tuff gr w.		
134	Mixture of tuff and arg. types gr w.		
147	Banded arg. & tuff gr w. light & dark bands		
158	Massive tuff gr w.		
165.5	Chloritized or amphibolized arg. type gr w.		
	Broke into sand for a 10 foot length or more		
	Drilled into shear ----		

DIAMOND DRILL RECORD

Hole No. 13-E
Sheet No. 4

Depth Feet	Formation	Width of Sample	Ounces
610	Altered sil amphib. gr w. v.l.m.	5.0	0.01
615	Same heavy tourmaline (black)	5.0	0.01
620	Same, 1 foot quartzm tourmaline	5.0	0.04
627.5	Amphibolized altered gr w. 6 qtz threads fair mineralization py & pyrrhotite	7.5	Trace
633.5	Amphibolized gr w. fine pyrite	6.0	0.11
638.5	Chloritized altered gr w. fine pyrite	5.0	0.03
640	One two inch qtz stringer heavy tourmaline	1.5	0.01
655	altered somewhat amphibolized grey gr w. vl.m. diorite ???		
661	Altered amphib. gr w. tourmaline 2 qtz. str or threads well mineralized pyrite pyrrhotite specks chalcopyrite	6.0	0.04
666	mostly qtz & black tourmaline breccia f.w.m. py	5.0	0.02
667.5	Chloritized gr w. tourmaline 1 qtz. str. w.m. py	1.5	Trace
670	Qtz & black tourmaline breccia well mineralized pyrite chalco & grey iron (arseno)?	2.5	Trace
672.5	Black tourmaline qtz breccia well mineralized pyrite, specks chalcopyrite-tourmaline much more predominant than above samples.	2.5	0.03
675	Black tourmaline quartz breccia specks chalco	2.5	0.02
678	Black tourmaline little qtz f.w.m. pyrite	3.0	nil

HEVA-CADILLAC GOLD MINES LIMITED

4380-N
2085-E

Hole No. 1-W (Joanne Twp)
Dip 50° Bearing S

0-30	Casing
122	Greywacke - Bedding 40-60 Degrees
285	Talc schist (Cadillac shear)
300	Amphibole schist-quartz stringers
400	Greywacke with quartz stringers to 1/4 in.
470	Greywacke-bedding 60 degrees
513	Amphibole - Mica schist
662	Conglomerate-Porphyry pebbles in Micaceous schist matrix
1003	Greywacke - Bedding 60-70 Degrees

Assays

Core

285 - 289.5	0.02
289.5-295	Trace
295 - 300	Trace
330 - 333	0.03
333 - 335	Trace
335 - 336.4	nil
336.4-338.9	0.01
338.9-343.7	1.11 (V.G.)
343.7-350	0.06
350 - 350	0.01
355 - 360	Trace
360 - 365	Trace
365 - 370	0.03
370 - 375	0.08
375 - 380	Trace
380 - 385	Trace
385 - 390	Trace
390 - 395	0.01
395 - 400	0.01
450 - 460.7	Trace (Quartz)
478.5-482.5	nil
482.5-485	nil

SLUDGE

30 - 40	nil
40 - 50	nil
50 - 60	nil
60 - 70	nil
70 - 80	nil
80 - 90	Trace
90 - 100	nil
100 - 110	Trace
110 - 120	Trace
120 - 130	Trace
270 - 280	Trace
280 - 290	0.01
290 - 300	0.01
300 - 310	0.03
310 - 320	Trace

Sludges

400 - 410	Trace
410 - 420	0.04
420 - 430	0.03
430 - 440	0.01
440 - 450	0.03
450 - 460	0.03
460 - 470	0.02
470 - 480	Trace
480 - 490	0.01
490 - 500	Trace
500 - 510	0.01
510 - 520	0.09
520 - 530	0.01
530 - 540	Trace
540 - 560	Nil
560 - 570	Trace
570 - 580	Trace
580 - 590	Trace
590 - 600	0.01
600 - 610	Trace
610 - 620	Trace
620 - 630	Trace
630 - 640	Trace
640 - 650	Trace
650 - 660	Trace
670 - 680	Trace
680 - 690	Trace
690 - 700	0.01
700 - 710	0.01
710 - 720	Trace
720 - 730	Trace
730 - 740	Trace
740 - 750	Trace
750 - 760	nil
760 - 770	0.01
770 - 780	Trace
790 - 800	Trace
810 - 820	Nil
820 - 830	Trace

SLUDGE

320 - 330	0.05
330 - 340	0.03
340 - 350	0.61
350 - 360	0.27
360 - 370	0.15
370 - 380	0.14
380 - 390	0.13
390 - 400	0.01

830 - 840	Trace
840 - 850	0.01
850 - 860	Trace
860 - 870	Trace
870 - 880	Trace
880 - 890	Trace
890 - 900	Trace
900 - 910	Nil
910 - 920	nil
920 - 930	nil
930 - 940	nil
940 - 950	nil

HEVA-CADILLAC GOLD MINES LIMITED

4380 N
1935 E

Hole No. 2 W (Joanne Twp)
Dip 50 degrees Bearing South
Location 150 feet West #1-W

0-40 Casing
129 Greywacke Bedding at 65 degrees
281.9 Talc (Cadillac shear)
298.4 Greywacke - 30% quartz stringers to 3" no Mineralization
375 Greywacke Occasional quartz stringers with Visible
Gold in two stringers - No Mineralization
498 Greywacke-Bedding at 70 degrees

ASSAYSCORE

		<u>Checks</u>	
281.9 - 285	0.02	0.02	
285 - 290	0.02	0.02	
290 - 295	0.01	0.02	
295 - 298.4	0.06	0.05 (V.G.)	
298.4 - 305	Trace	Trace	
305 - 310	0.04	0.02	
310 - 315	Trace	Trace	
315 - 320	0.05	0.05	
320 - 325	0.04	0.04	
325 - 330	0.01	0.05	
330 - 335	0.04	0.03 (V.G.)	
335 - 340	0.01	0.01	
340 - 345	0.06	0.05	
345 - 350	0.01	0.02	
350 - 355	Trace		
355 - 360	Nil		
360 - 365	nil		
365 - 370	nil		
370 - 375	nil		

special

341.5 - 341.7 0.34 (V.G.)

Tests 150' - 43°
300' - 44°
450' - 39°

SLUDGES

40 - 50	nil
50 - 60	nil
60 - 70	nil
70 - 80	nil
80 - 90	Trace
90 - 100	Trace
100 - 110	nil
110 - 120	Trace
270 - 280	nil
280 - 290	0.02
290 - 300	0.05
300 - 310	0.03
310 - 320	0.05
320 - 330	0.05
330 - 340	0.03
340 - 350	0.01
350 - 360	0.01
360 - 370	0.03
370 - 380	0.01
380 - 390	0.02
390 - 400	0.01
400 - 410	0.01
410 - 420	Trace
420 - 430	Trace

HEVA-CADILLAC GOLD MINES LIMITED

4380 N
2010 E

Hole No. 3 - W (Joanne Twp)

Dip 50 degrees - Bearing South
Location 75 feet East #2-W

0-33 Casing
130 Greywacke Coarse grained-Bedding 70 degrees.
289.5 Talc schist (Cadillac shear)
300 80% sugary quartz
400 Greywacke with occasional quartz stringers to 3 in.
480 Greywacke
506 Mica-Talc schist- Few cubes coarse pyrite.

ASSAYS

CORE

289.5-295	0.01
295 - 300	Trace
300 - 305	0.03
305 - 310	0.02
310 - 315	0.05
315 - 320	0.04
320 - 325	0.03
325 - 330	0.01
330 - 335	Trace
335 - 340	Trace
340 - 345	0.04
345 - 350	0.08
350 - 355	0.02
355 - 360	Trace
360 - 365	Trace
365 - 370	0.02
370 - 375	0.03
375 - 380	0.09
380 - 385	0.05
385 - 390	Trace
390 - 395	0.06
395 - 400	0.01
400 - 405	Trace
405 - 410	nil
410 - 415	nil
415 - 420	Trace
420 - 425	0.09

SLUDGES

33 - 40	0.03
40 - 50	Trace
50 - 60	Trace
60 - 70	Trace
70 - 80	nil
80 - 90	Trace
90 - 100	Trace
100 - 110	Trace
110 - 120	Trace
120 - 130	0.01
290 - 300	0.03
300 - 310	0.05
310 - 320	0.02
320 - 330	0.03
330 - 340	0.04
340 - 350	0.03
350 - 360	0.02
360 - 370	0.06
370 - 380	0.06
380 - 390	0.05
390 - 400	0.04
400 - 410	0.03
410 - 420	0.05
420 - 430	0.03

Tests 150' 40°
300' 49°
450' 48°

Contact Cad Shear 293

293 - 296.4 Tuff G.W. qtz str. at contact
298 Lost
324.2 Tuff G.W.
325.5 Min sugry qtz. brecciates & dark
326.2 Tuff G.W.
330 " " with considerable included sugar qtz min.
356.5 Tuff g.w. some blobs sugar qtz & numerous bed str.
365.5 Tuff g.w. zone of sugar qtz. blobs not bedded
395 Compact Tuff g.w.
397.5 " " two 3" qtz. blobs
414.0 " " g.w. bed qtz 3" @ 412.5
415 Sugar qtz.
437.4 Tuff g.w. numerous bed str.
439.0 " " qtz str in g.w. X-bed tourmaline
444.5 Tuff g.w. scattered qtz. blobs.
445.5 20% qtz X-bed
451 G.W. Tuff
452.5 25% qtz. X-bed
460.5 G.W. Tuff
461.5 50% qtz. X-bed.
467.2 G.W. Tuff
467.5 Qtz X bed
477.5 G.W. Tuff
491.5 25% white qtz min in blobs & X-bed
492.2 Talc shear Sub.

DIAMOND DRILL HOLE NO. 5- W

Property: Heva Cadillac Gols Mines
Joanne Township

Depth Feet	Formation	Width	oz.	\$35.00
0 - 41	Casing			
261	Bedded and sheared greywacke, some sections with considerable mica.			
432	Main shear. Lost core Probably gouge and clay at 385 to 392 and 403 - 410 Contact at 432 - Clear cut, no gradation. Very soapy talc 429 to 432.			
433.5	Altered back siliceous greywacke Little or no mineral	1.5	0.16	5.60
435	Alt. bl. sil. grey w. some cluster py. 1/2" and 3" sugar qtz. stringer some fine chalcopyrite in qtz.	1.5	tr	
436.5	Alt bl. grey w. v.l.m.	1.5	0.16	5.60
437.7	Sil. alt. grey w. with 2 granular sugar qtz. str. 1-3" and 1-5" Both somewhat diagonal to core axis. Some fine visible gold in black ventral streak in qtz. and along contact with greywacke.	1.2	1.88	65.80
439.3	Alt. sil. grey w. some fine pyrite 1-3" qtz. str. Pull at 438.2	1.6	0.04	1.40
447	Black massive grey w. slightly minera- lized pyrite and somewhat silicified Pull at 447.	7.7	0.05	1.75
449.2	Lost core few broken pieces. Sl. min. grey w. py. Pull at 449.2			

Depth feet	Formation	Width	oz.	\$35.00
453.5	Massive highly sil. grey w. black No. qtz. str. some very fine pyrite & few specks of chalcopyrite Pull at 451.3	4.3	0.05	1.75
455.3	Black sil. greywacke 1-1/2" qtz. str. and 1-1" fract. str. v.l.m.	1.8	0.01	0.35
457.3	Massive black grey w. no str	2.0	0.02	0.70
461.5	Contorted grey w. some contained qtz. in banding scattered qtz. str. & fine py. Pull at 461.5	4.2	0.03	1.05
465	Fractured sil. grey w. qtz. filled some fine pyrite, one barren sugar qtz. str. 1"	3.5	0.03	1.05
469	Black to grey streaked greywacke 18 qtz. veinlets 1/8" to 1/4" in & parallel to bedding little or no mineral	4.0		
470.5	Fractured grey w. 2-qtz. str. 1/2" v.l.m.	1.5	0.02	0.70
496	Grey to black sil. grey w. compact and bedded. Numerous qtz. veinlets in bedd- ing. Fractured and qtz. filled at 483.5- and 486.5 for 6" both sections. little or no mineral	25.5		
500	Grey greywacke contorted in part 3. siliceous sections v.l.m.	4.0	0.01	0.35
503.5	Grey greywacke 20 qtz. veinlets of 1/8" in thickness in bedding plane 1-3" brecciated qtz. str. v.l.m. Do not consider qtz. veinlets intruded.	3.5	0.02	0.70

DIAMOND DRILL RECORDHole No. 5-W
Sheet No. 3Property: Hava Gold Mines Limited

Depth Feet	Formation	Width	oz.	\$35.00
509	Grey greywacke 9 qtz. veinlets 1/8"	5.5	0.02	0.70
512	Sil. grey gr w. 30% fractured and brecciated qtz. sl. py. min.	3.0	0.03	1.05
518	Grey grey w. slight silicified no qtz. str.	2.0	tr	
520	Silicified grey w. 3 qtz. str. visible Gold fine at 519	2.0	0.23	8.05
521.5	Grey gr w. not much silicified v.l.m.	1.5	tr	
523.5	Grey gr w. contorted Possible drag little pyrite	2.0	tr	
525	Grey gr w. silicified 30% brecciated & fractured qtz some pyrite, chalcopryrite	1.5	.02	0.70
527.5	pyrrhotite - fine & disseminated			
527.5	Grey gr w. massive some banding or bedding	2.5	.01	0.35
530.7	Gr gr w. 23 qtz. 1/8" veinlets in bedding v.l.m.	3.2	tr	
532.5	gr. grw. half brecciated qtz. v.l.m.	1.8	0.03	
538	gr. gr w. not very siliceous massive v.l.m.	5.5	tr	
541	Gr. sil. gr w. brecciated some fine py. chalco.	3.0	tr	
543	gr gr w. siliceous v.l.p.	2.0	nil	
547.5	gr gr w. siliceous 10 - intruded qtz. str. 1/8" little chalco py, chalco & pyrrhotite	4.5	nil	

DIAMOND DRILL HOLEHole No. 5 - W
Sheet No. 4Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	oz. \$35.00
551	Light grey gr w. 6 threadlets qtz. in bedding V.L.M.	3.5	.01
552.5	Light grey greywacke 15% qtz. 2 strs. 1" & 2" v.l.m.	1.5	tr
555.5	Light grey gr w. some fine qtz. strs. v.l.m.	3.0	nil
558.5	40% brecciated qtz. & sil. grey gr w. little fine pyrite & chalcopryite	3.0	.01
564.9	Broken core gr w. 1-3" qtz. breccia v.l.m. 1-1" " "	5.4	0.07 2.45
566.5	Fract. qtz. & sil. gr w.	1.6	tr
566.5	6" Sand. core residue	.5	0.03 1.05
572	Massive bl. sil. gr w. v.l.m. little or no qtz.	5.5	tr
576.8	Massive bl. gr w. sil. 3-1/2 fract qtz. strs.	4.8	nil
580	Massive gr gr w. 1 brecc. str. at 5.77	3.2	0.01
588	Massive bl. sil. gr w. no qtz. strs. bedding 90°	8.0	0.01
588.8	7" fract & brecciated qtz. str. sparse py. tourmaline crystals	.8	0.02
591	Fr. gr gr w. sil. fine py no qtz. strs.	2.2	tr

DIAMOND DRILL RECORDH 1e No. 5 - W
Sheet No. 5Property: Heva gold Mines Limited

<u>Depth Feet</u>	<u>Formation</u>	<u>Width</u>	<u>oz.</u>	<u>\$35.00</u>
596.8	Gr w. sil. 2 small qtz. veinlets with pyrite sparse	5.8	tr	
600.5	Bl. & gr. gr w. sil 1-1/8" qtz. str. 597 1-1/2" fr. qtz. chl. little py. 598.5 1-3" qtz. str. at 599.7 1-1/2" " " 599.8	3.7	0.05	1.05
605	Mass. bl. gr w. no str. v.l.m. (slaty Texture) <u>ACID TEST - 600' - 47°</u>	4.5	tr	
608.5	Gr. gract & contorted gr w. some qtz. - pull at 608.5	3.5	tr	
612	Bl. sil. gr w. v.l.m. (slaty texture)	3.5	tr	
614.5	Bl. sil. gr w. 5 qtz. veinlets little py.	2.5	0.05	1.75
637.8	Contact to & with a complex of conglomerate chloritized, matrix of grey micaceous gr w. interbedded quartzite pebbles, what sheared coarse py.	23.3		
638	Talcose	.2		
640	As above 614.5-637.5	2.0		
642	Talcose schist.	2.0		
665	Micaceous grw. matrix amphibolized			
675	lens micaceous as above some intermixed conglomerate			

DIAMOND DRILL RECORD

Hole No. 5 - W
Sheet No. 6

Property: Heva Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>	<u>Width</u>	<u>oz.</u>	<u>\$35.00</u>
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697	Complex of alt. gr. gr w. silicified and with conglomerate pebbles some of porphyritic type although altered			
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697 to end 702	Micaceous alt. gr w. complex.			
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<u>Tests</u>	<u>Corrected</u>
200' - 50°	42°
400' - 48°	40°
600' - 47°	39°

DIAMOND DRILL RECORD

Hole No. 6 W
Sheet No. 1

Property: Heva Gold Mines Ltd.

Lat: 300 feet West of No. 2-W

Dep: 1630 E

Elev: of collar: 21.5 feet lower than No. 2

Datum: No. 2 Hole Collar taken as datum

Bearing: South

Dip: 50 degrees

Started: February 17, 1945

Ultimate Depth 601

Proposed Depth: 500

Depth Feet	Formation	Width	Ounces	Gold \$
0 - 40	Casing (Pinsdrilling)			
47	" (After deepening)			
161	Greywacke no change from the same horizon in other holes.			
340.0	Cadillac shear. the lower contact at 340 in clear cut - no gradation. cut at approx. 280 ft. vertical			
340	Talcosc schist. Pyrite clusters	3.0	tr	
342	Quartz white to grey some fine pyrite glassy to sugary - with brecciated brown greywacke	2.0	tr	
347	Gr. gr w. sil in part 5-1" fract qtz. str. with some brown brecc. gr w. included - little pyrite, pyrrhotite	5.0	tr	
352	Gr. gr w. sil in part 2 qtz. threadlets	5.0	tr	
357	Sil. gr gr w distinct banding, some pyrite	5.0	nil	
362	Argillaceous gr w. bedded 90 deg. sil. no str.	5.0	nil	
365.3	Sil. gr. gr w. 8 qtz veinlets 3 fr. & br. str. with brown gr w. some fine py.	3.3	0.01	
371.2	Sil gr. gr w. few qtz. threadlets v.l.m.	6.0	tr	
375	Sil. gr gr.w. the whole brecciated & fract with grey qtz and brown gr. w. fairly well mineralized pyrite, chalcopryrite Best looking section of hole.	4.0	0.04	(1.40)

DIAMOND DRILL RECORD

Hole No. 6-W

Sheet No. 2

Property: Heva Cadillac Gold Mine

Depth Feet	Formation	Width	Ounces	
378.5	Sil. gr. gr w. 4 fr. qtz. str. v.l.m.	3.5	tr	
415	Grey & black gr. Waske for most part massive few qtz. veinlets.			
395	Bl. sil. gr. w. some fine threads of intruded qtz little py.	3.5	0.03	
411.5	Sil. gr gr. 4 qtz. 1" str. little pyrite	1.5	tr	
419	Gr gr w. banded - 15 qtz. veinlets threadlike little pyrite.	4.0	hi0	nil
423	gr. gr w. some contorted qtz. fractured v.l.m.		4.0	nil
433.5	Tuffaceous & siliceous gr gr.w. no str			
435.5	Bed contact 4 qtz. str. and veinlets v.l.m.	2.0	nil	
437.5	Sil. gr & bl. gr w. no qtz. str.			
440.5	Bl. sil. argil. gr w. 5 fr. qtz. str. v.l.m.	3.0	nil	
450	Somewhat banded gr w. no qtz. str.			
458	Tuffaceous gr sil. gr. W. 1- qtz. str.			
462	Tuff. gr sil. gr w. 3-fr. filled qtz. str. vlm	4.0	hi0	nil
466.5	Massive Gr. Tuff. gr w. no qtz. str.			
468.5	Gr gr w. 2- fr. qtz. little py.	2.0	nil	
495.5	bl. arg & gr tuff gr w. banded mostly massive qtz. str. at 477, 483, 485, 487.5			
498	Arg. bl. sil. gr w. str. 90 deg. bedding.			

DIAMOND DRILL RECORDHole No. 6-W
Sheet No. 3Property: Heva Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
502	Sil. gr. gr w. tuffaceous 17 qtz. threadlets 1/82 to 1/4" some fine pyrite	4.0	nil
510	Sil. gr. gr w. tuffaceous no qtz. sils.		
522.5	Sheared and somewhat talcose & coarse pyrite		
532	Sil. gr. & bl. gr w. Possible contact		
556	Alt. gr w. blending to a matrix of gr. w. and conglomerate.		
601	Micaceous gr w. & conglomerate - boulders 1 ft. diameter of alt. qtz. diorite & porphyry		

End of Hole. 601

Acid Tests for angle.
150 ft. 54 deg. - 46°
300 ft. 55 " - 47°
450 ft. 53 " - 45°

Core recovery Very good in required zone.

DIAMOND DRILL RECORD

Hole No. 7-W

Sheet No. 1

Property: Heva Gold Mines Ltd.

Lat: 4500 N Located 125 feet North of No. 2-W

Started: March 5th 1945

Dep: 1935-E Which is 300 feet West of the No. 1-2 Section

Completed: March 16th 1945

Elev. of Collar: 10 feet lower than No. 2 (Datum)

Ultimate Depth 631

Bearing: South (Magnetic)

55 degrees

Depth Feet	Formation	Width	Ounces	Gold \$
0 - 40	Overburden casing to 40 feet			
272	Greywacke			
272	Upper contact of Cadillac shear			
437	Cadillac shear-Maximum shearing at 362-377 and 398-402 shown by troublesome mud seams.			
435	Mostly ground core in box representing pull from 10 feet remnants of altered gr w. some qtz blobs, some coarse pyrite. This is all recovery from 420 to 435. Sample	-	Trace	0.01
437	Altered gr w. some qtz, talcose in part	2.0	0.14	0.19
439	Black sil gr w. fract. Brecc. qtz str. some fine pyrite - core in box reground about 1 ft. missing. Sample is representative	2.0	nil	Trace
441.5	Black sil gr w. fract. qtz. breccia. fairly well mineralized, fine pyrite some chalco	2.5	0.05 &	0.06
444	Bl. sil. gr w. slightly fract. fine pyrite very little qtz.	2.5	0.02 &	0.08

DIAMOND DRILL RECORDHole No. 7-W
Sheet No. 2Property: Heva Cadillac Gold Mine

Depth Feet	Formation	Width	Ounces	Gold\$
447	Bl. highly sil. arg. gr w. brecciated and fractured- very well mineralized fine pyrite some chalco few crystals arseno	3.0	Trace	0.01 0.01
453	Gr. and bl. arg. gr w. fract brecc. qtz. v.w.m. fine pyrite in breccia and some chalco- few crystals arsenopyrite.	6.0	0.01 & Trace	0.03 0.02 0.01
458	bl. to gr. sil gr w. few qtz. str. not w.m.	5.0	Trace	0.01
461	bl. highly sil. gr w. fine qtz. str. some fine py.	3.0	0.01	0.05
462	Granular qtz. water seam - sand recovery			
467	Gr. tuff sil. gr. wacke. somewhat different to gr. w. on other side of seam some fr. qtz (8") contorted some fine pyrite	5.0	0.01	0.01
472	Gr. Tuff. sil. gr w. 6 fr. str. v little min	5.0	Trace	Trace
481	Gr. Tuff. sil. gr w. very little qtz. mostly massive			
484	Fr. and Contorted gr w. qtz filled, fine py some fine chalcoppyrite	3.0	0.04	0.04
491	Gr. Tuff. sil. gr w. mostly massive, few barren qtz. str.			
495	Gr. gr w. sil. fract. brecc. fairly well min fine pyrite some fine chalcoppyrite.	4.0	Trace	0.01

DIAMOND DRILL RECORD

Hole No. 7-W

Sheet No. 3

Property: Heva Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces	Gold \$
500	Gr. sil. gr w. fract. in part v.l.m.	5.0	Trace	
504	gr to bl. gr w. pull at 504-1 ft. core chopped little qtz.			
507	bl sil. gr w. no qtz. str.			
510	Bl. gr w. argillaceous & qtz. str. v.l.m. f. 3.0 py.		nil	
524.5	bl & gr. gr w. sil. mostly massive 2 qtz. str			
531	Brecciated and fractured QUARTZ glassy to gray granular w th brown gr w. fairly well mineralized fine pyrite and some chalco	6.5	0.05	
536	bl. arg. gr w. no str.			
539	Gr. gr w. one 4" qtz. str. (contorted v.l.m. section)	3.0	nil	
544	bl. arg. gr w. bedded 5 qtz. str. v.l.m.	5.0	0.08	
550.5	bl. arg. gr w. (gr w. agglomerate) 10 narrow qtz. bands str v.l.m.			
555	Black and gr gr w. agglomerate			
561	Black highly sil arg grw.			
565	Bl. " " " " 6 glassy qtz. str			
	tourmaline very little mineral	6.0	0.01	
575	Agglomerate gr w. with gr w. boulders & fragments recemented by qtz.			

Hole No. 7-W
Sheet No. 4

Hole No. 7-W
Sheet No. 4

Depth	Feet	Formation	Width	Ounces	Gold\$
582		Contorted gr gr w. 9 qtz. strs some fine n.w.m. pyrite	7.0	0.16	
587		bl. sil. gr w. 4 qtz. strs <u>not</u> <u>well</u> <u>mineralized</u>	5.0	0.02	
592		bl. sil. gr w. 4 " " " n " w " m	5.0	0.02	
597		bl. " " " 6 thread strs & 1 of 3" at contact Clean contact with micaceous alt. gr w. somewhat schistose	5.0	0.07	
614		Micaceous amphibolitized alt. gr w. coarse pyrite			
619		Bl. highly altered and micaceous gr w. some quartz well mineralized pyrite, crystal cubes	5.0	0.01	
631		Micaceous amphibolitized altered gr w. coarse pyrite.			

Hole bottomed clean at 631 feet.

Acid Tests

450 feet - 57 degrees	Corrected 49°
630 " 55 "	47°

DIAMOND DRILL RECORDHole No. 8-W
Sheet No. 1Property: Heva Gold Mines Ltd.Lat: 4335 N 75 feet West of No. 2-W or 375 Feet West
Dep: 1860 -E of Central section (1;2;3)
Bearing: South
Dip: 50 degreesStarted: April 26th, 1945
Completed: May 9th, 1945
Ultimate Depth 524.5

Depth feet	Formation	Width	Ounces
0 - 45	Casing		
145	Greywacke		
304.5	Cadillac shear.		
307.5	Brecciated sil. gr w. 5 br. qtz. stringers blue tourmaline well mineralized y. chalco.	3.0	nil
313	Contorted and brecciated brown sil. banded tuff. gr w. qtz. filled . scattered pyrite and specks chalco little pyrrhotite.	5.5	0.04
319	Banded sil. tuff. gr w. agglomerate 10 qtz. threads 2 qtz. str. somewhat brecciated f.w.m. fine pyrite and specks chalcopryite.	6.0	0.02
324	Banded olive to grey coloured sil. tuff gr w. v.l.m. banding 15 deg. to core axis.	5.0	Trace
329	Banded sil. gr w. olive to grey coloured 50% recovery.		
335	Banded olive coloured gr w. massive and tuff. banding at 40 deg.		
340	Same. 3 qtz. str.		
345.5	Mostly sil tuff gr w. some banding at 35 to 40 deg.		
350	Same, 3 brecc qtz. str. v.l.m.	4.5	nil

DIAMOND DRILL RECORD

Hole No. 8-W
Sheet No. 2

Property: Heva Gols Mines Ltd.

Depth Feet	Formation	Width	Ounces
355	Banded sil. tuff gr w. 11 threads of qtz. v.l.m.	5.0	Trace
360	Same 6 threads		
365	" 10 "		
370	" 4 "		
375	Slight change in gr w. black appears somewhat argillaceous and more siliceous 8 qtz. threads some fine pyrite, not so pronounced banding	5.0	0.01
380	Same, 14 qtz. threads v.l.m.	5.0	0.01
385	Same, 11 " "	5.0	nil
390	Same but more massive, 6 qtz. threads	5.0	Trace
395	Same, 8 threads - change in formation	5.0	nil
400	Compact somewhat argillaceous gr w. no qtz. threads		
410	Sil grey tuff gr w. mostly massive.		
415	sil. grey tuff. gr w. banded 4 qtz. threads		
420	Same 6 threads 2 str. v.l.m.	5.0	nil
425	Same 10 threads 1 brec. str. v.l.m.	5.0	nil
430	Same 10 " v.l.m.	5.0	nil
435	Same 4 " v.l.m.		
438	Banded 90 deg. mostly argillaceous gr w. 4 qtz. threads fine pyrite.	3.0	nil

DIAMOND DRILL RECORD

Hole No. 8 - W
Sheet No. 3

Property: Heva Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>	<u>Width</u>	<u>Ounces</u>
451	Banded 70 deg. arg. & tuff gr w. 15 qtz. thr mostly barren.		
500	Banded 90 deg. arg. & Tuff gr w. light & dark coloured bands- core breaking in 2" to 8" sect. 100% recovery.		
505	Slightly altered amphibolized micaceous gr w.		
524	Altered micaceous sil. amphibolized gr w. py cubes		

end of hole. at 524 feet.

Acid angle tests -	Corrected:
250 ft. - 56 deg.	48°
500 ft. 52 deg.	44°

DIAMOND DRILL RECORDHole No. 9-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 4550 N 1780 E

Dep: 150 west of No. 7-W 1780 E

Elev. of Collar: 22.7 feet below No. 2 Hole.

Datum: Collar of No. 2 Hole.

Bearing: South

Dip: 50 deg.

Started: May 11th 1945; May 19th 1945

Completed: June 2nd, 1945

Ultimate Depth 665 feet.

Depth Feet	Formation
0 - 30	Casing in stream bed.
130	Massive blue grey and grey greywacke no str.
191	Massive grey gr w. signs of boulders gr w. conglomerate 162-165 lost core.
241	Altered grey brown gr w. sil and slightly amphibolized
250	Dark sil argillaceous type gr w.
282	Altered slightly amphib. grey brown tuff type gr w.
285	L.C.
291	Sil. arg. type gr w.
313	Mixture of arg. type gr w. and tuffaceous type gr w. banded with blue qtz. barren vein at 300-301
313	Start of alteration by shear.
328	Talcose amphibolized gr w.
337	Shear talcose
340	L.C.
359	Shear -... L.C. 348-350; 351-359
431	Good recovery talcose shear.
434	L.C.
450	Good recovery contorted shear.
451	White glassy qtz.
458.5	Contorted talcose shear.

DIAMOND DRILL RECORDHole No. 9-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth	Feet	Formation	Width	Ounces
459		Qtz with chloritized margins		
466		Contorted talcose shear coarse pyrite.		
473		White crystal qtz, with specks of pyrite tourmaline & possibly molybdenum (silver grey mineral) not galena.	7.0	0.09
479.5		Sil & talcose gr w. part of shear, but not heavily schisted	6.5	Trace
482.5		Brecciated qtz. filled brown gr w. specks pyrite	3.0	0.03
487.5		Brecciated and contorted brown argillaceous type gr w. quartz filled. Well mineralized finr pyrite. some coarse patches of pyrite, pyrrhotite & chalcoppyrite.	5.0	0.33
493.5		Contorted and brecciated arg. type gr w. qtz. filled fine pyrite specks chalcoppyrite	5.0	0.04
497.5		Banded arg (olive coloured) and tuffaceous brown coloured) graywacke few qtz threads.	4.0	0.01
501		same as above very little mineral	3.5	nil
507.5		Banded 90 deg. arg. & tuff gr w. 3 qtz threads vlm		
512.5		Same 90 deg 3 threads v.l.m.		
517.5		Same		
522.5		Same 3 contorted qtz strs v.l.m.		

DIAMOND DRILL RECORDHole No. 9-W
Sheet No. 3Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
527.5	Mostly massive tuff. gr w. 8 qtz. threads		
537.5	Arg. & tuff gr w. one brecciated atr at 532 banding at 70 deg. 22 threads v.l.m.		
542.5	Mostly tuff. gr w. few qtz. threads.		
547.5	Same 4" sand seam at 547.5 (may be sluff.)		
552.5	Tuff gr w. slightly amphibolized		
557.5	Tuff type gr w.		
570.5	Tuff gr w. 23 qtz. threads micaceous uniform angle of threads 70 deg.		
576	tuff gr w. 2 qtz. strs 9 qtz. threads little py	5.5	0.03
579	Tuff and arg. banded gr w. numerous qtz. threads	3.0	nil
580	gr w. qtz strs little pyrite & blue tourmaline	1.0	0.38
583	gr w. banded arg. & tuff 5 qtz threads vlm	3.0	0.15
586.5	gr w. two qtz. strs 584-585 little py. blue tour.	3.5	0.06
589	Lost core		
593.5	Slightly amphib. gr w. smooth core 5 qtz. threads	3.5	nil
600	sil. smooth coring gr w. 11 qtz. threads vlm.	6.5	nil
606	massive brown tuff gr w.		
610	tuff banded gr w. 606-608 core broken 10 qtz th.	4.0	0.07
612.5	Tuff contorted gr w. 3 qtz threads vlm.	2.5	0.03
617	alt. amphibolized tuff gr w. 2 br. s rs. little py	4.5	0.03

DIAMOND DRILL RECORD

Hole No. 9-W
Sheet No. 4

Property: Heva Cadillac Gold Mines Ltd.

Depth feet	Formation	Width	Ounces
619.5	Tuff gr w. 617-618 brecc. gr w. & qtz. little pyrite 618-619. alt. cont. section pyrite	2.5	0.14
624	Tuff. gr w. 8 contorted qtz. strs pyrite	4.5	0.07
629	Tuff gr w. some fracturing 6 qtz. threads one brecciated qtz. str 3" little pyrite.	5.0	0.05
635	Subsidiary shear		
650	Sil. altered amphibolized gr w.		
655	Altered talcose gr w. amphib. pyrite cubes		
	Talcose amphib. gr w. conglomerate py cubes.		

End of Hole 665 feet.

Acid angle Tests	- 350 feet - 50 Degrees	Corrected:
	650 " 48 "	42°
		40°

G.M. 10957-C

DIAMOND DRILL RECORDHole No. 10-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.
Lat: 4220 North 300 feet West & 150 feet South
Dep: 1335 East of No. 6-W
Elev. of Collar 10 feet lower than No. 2 986.11
Datum: Collar No. 2 Hole
Bearing: South
Dip: 50 Degrees

Started: June 6th 1945
Completed: June 14th 1945
Ultimate Depth 461 feet

Depth Feet	Formation	Width	Ounces
0 - 102	Casing Consider hole collared in shear		
107	Amphibolized sil. alt gr w. conglomerate talcose in part.		
144	Altered talcose & sil. gr w. alternate bands		
156	Altered talcose shear long axis of core		
173	Altered somewhat talcose amphibolized gr w. scattered pyrite cubes.		
190	Talcose shear pyrite cubes		
196	Lost core		
199.5	Talcose shear massive core		
	Shear Contact		
203.5	Brecciated and fractured brown argillaceous type gr w. filled with white crystal quartz well mineralized pyrite, evidence of blue tourmaline.	4.0	0.21
208.5	Mostly arg. type gr w. 15 qtz. strs fairly well mineralized pyrite.		
210.5	Tightly banded arg. & tuff gr w. one qtz. str little pyrite evidence of blue tourmaline	2.0	Trace
225	Tightly banded arg. (olive grey, green) & tuff. (brown) gr w. few qtz. threads little py bedding Marker.		

DIAMOND DRILL RECORD

Hole No. 10-W
Sheet No. 2

Property: Heva Cadillac Gols Mines Ltd.

Depth Feet	Formation	Width	Ounces
230	Tuff gr w. no banding few qtz. threads		
234.5	Tuff. gr w. grey coloured, 19 qtz. threads little py 2 qtz. str. specks pyrite, chalcopyrite & Galena 1 ft. brecciated gr w. & qtz. specks of chalc & Galena	4.5	0.03
237.5	Tuff gr w. 15 qtz. threads little py.		
one qtz. str.	pyrite little tourmaline	3.0	0.05
242.5	Tuff gr w. 25 qtz. threads bedded fine pyrite in threads	5.0	Trace
247.5	Tuff gr w. 16 qtz. threads bedded 215 ft. core broken irreg. contorted fragments.	5.0	nil
255	Tuff. gr w. 19 qtz. threads v.l.m.	7.5	Trace
256.5	Lost core		
282.5	Tuff grw. mostly compact scattered qtz. threads		
291	At. 282.5 1 ft. of arg. type gr w. buttons probable bedding marker balance arg. type gr w. Light grey some banding.		
312	Arg. type gr w. few qtz. threads little or no min.		
350	Mixture of arg. & Tuff gr w. interbedded 90 deg. to core axis. scattered qtz. threads & str. v.l.m. Qtz micaceous core in short lengths 1 to 3"		

DIAMOND DRILL RECORD

Hole No. 10-W

Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet

Formation

367	Longer sections of compact tuff gr w. otherwise same as 312 to 350
385.5	Mixture of banded & contorted arg. & Tuff gr w. v.l.m.
389	Lost core
406	Part arg. & part gr w. few qtz. threads
407.5	Altered amphib. chloritized talcose gr w.
410	Tuff gr w. few qtz. strs micaceous v.l.m.
420	Banded tight arg. & tuff gr w. bedding mark.
426.5	Tuff gr w. compact some banding no strs.
435	Sil. & talcose amphib. gr w. start of sub shear
444.5	Talcose gr w. 90 deg. fr or. shearing
461	Amphib. gr w. conglomerate.

End of Hole. 461 feet

Acid angle tests

Corrected:

200 feet 53 deg.

45°

460 " 50 deg

42°

DIAMOND DRILL RECORD

Hole No. 10-W

Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 4265 North 300 feet west of No. 10 W

Dep: or 900 feet west of No. 1; 2; 3

Elev. of Collar: Approx 10 feet lower than No. 2 985.35 Ultimate Depth 518 ft.

Bearing: South

Dip: 50 deg.

Started: June 16th 1945

Completed: June 25th 1945

Depth FeetFormation

0 - 63	Casing Considered hole entered SHEAR
70	Talcose brecciated gr w. (shear)
71	Sil. Amphibolized gr w.
140	Talcose brecciated gr w. (shear)
142	Lost core
169	Contorted talcose sheared gr w.
171	Lost core
172.5	Contorted talcose gr w. shear
181.5	Talcose gr w. not sheared
188	lost core
	At 188.5 Mud Seam- width unknown
209	Talcose gr w. shear.
210	Lost core
256	Contorted talcose sheared gr w.
258.5	Sil. Amphibolized gr w. some pyrite.
265	Contorted talcose sheared gr w.
270	Siliceous and in part talcose amphibolized gr w.
271	Talcose gr w.
271.5	Lost core. Buttons remaining End of SHEAR
277.8	Quartz and some brown breccia gr w. from 272 to 273 rock has appearance of quartz crystal

DIAMOND DRILL RECORD

Hole No. 11-W
Sheet No. 2

Property: Feva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
271.5 -277.8	Continued -- ... Scattered Visible Gold. From 271.2 to 274.4 SECTION OF QUARTZ with fine Visible Gold Separate sample	6.3 Less 0.2 0.2	0.21 1.58
	Calculated average for the above samples 320 & 320A -- 6.1 x 0.21 -- 1.281 ft ounces 0.2 x 1.58 -- 0.316 " " 6.3 1.597 " " 00-0.253 OUNCES		
282.5	Compact dark coloured tuff gr w. 7 qtz. threads little pyrite.	4.7	0.07
286	Band of arg. type gr w. 4 qtz. threads & 1 cont. stringer little pyrite	3.5 3.0	0.02 0.02
291	Compact dark tuff gr w. no qtz. str.		
295	Contorted & brecc. tuff gr w. some arg. fine qtz. threads little pyrite -- 1 foot of brecciated qtz. filled gr w. micaceous	4.0	0.01
300.5	Tuffaceous gr w. little arg. bedding		
302	Lost core.		

DIAMOND DRILL RECORD

Hole No. 11-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
304.5	Bedded 90 deg arg. & tuff gr w. qtz. strs (2) micaceous little pyrite	2.5	Trace
310	Bedded 90 deg. tuff & arg. gr w.		
316.5	Tuff compact gr w.		
321	Bedded arg & tuff gr w.		
325	Tuff compact gr w.		
326	Arg. gr w. 2" qtz. strs pyrite	1.0	nil
331.5	Mostly tuff compact gr w. 10 qtz. threads		
335	Banded arg. & tuff gr w. 1-3" qtz str v.l.m.	3.5	nil
340	Banded arg & tuff gr w.	5.0	nil
343.5	Mostly arg. gr w. core broken	3.5	nil
346.5	Lost core		
348.5	Mostly tuff compact gr w.		
350	Broken core some qtz, threads pyrite.	1.5	nil
354	Lost core		
359	Mostly arg. gr w. 6 qtz. threads little pyrite.	5.0	nil
363	Lost core		
365	Broken core represents pull from 360-365 arg. type gr w. qtz. threads v.l.m.	(2.0)	nil
368.5	Lost core		
370	Broken core represents pull 365-370 arg. type gr w.	(1.5)	nil

DIAMOND DRILL RECORD

Hole No. 11-W
Sheet No. 4

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
375	Mostly arg type gr w. 4 qtz. strs little pyrite	5.0	nil
380.5	Banded tuff & arg. gr w. 12 qtz. threads v.l.m.	5.5	nil
387	Compact tuff gr w.		
392	Mixture of tuff & arg gr w. 12 qtz. threads little or no mineral		
413	Mixture of tuff gr w. with beds of arg. gr w. some banding		
417	Tuff type gr w. 3 qtz. strs & 2 qtz threads py	4.0	nil
422	Arg. type gr w. numerous fine qtz. threads micaceous fine pyrite	5.0	nil
428	Tuff fine banding gr w. numerous fine threads 2 qtz stringers little pyrite and arsenopyrite	6.0	nil
447.5	Interbanded tuff gr w. occasional qtz strs at 477.5 gradation into talcose amphibolized gr w. to 453.		
At 453	Clean break to contorted & brecciated tuff gr w. qtz filled 453-455 arsenopyrite cry.	2.0	Trace
464.5	Tuff gr w.		
465	Mostly bedded arg. gr w. and massive tuff gr w.		

DIAMOND DRILL RECORD

Hole No. 11-W
Sheet No. 5

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces.
470.5	Finely banded arg. and tuff gr w.		
480.5	Compact tuff gr w. few qtz. strs mica & pyrite		
482.5	Lost core		
487	Banded tuff gr w.		
499	Amphibolized talcose gr w.		
501	Barren qtz. and amphib gr w. Subsidiary		
506.5	Amphibolized talcose gr w. shear		
518	Altered amphibolized gr w. conglomerate		
	509.5-512.5 mineralized pyrite & white iron		
	possibly a little arsenopyrite	3.0	Trace
	512.5-518 Same	5.5	Trace
End of Hole 518			
Acid Angle Tests Corrected:			
	200 ft 60 deg.	53°	
	500 ft. 55 deg	47°	

DIAMOND DRILL RECORD

Hole No. 12-W

Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.Lat: 4265 North 1500 ft. West of Central SectionDep: 735 eastElev. of collar 10 feet below No. 2 Approx. 984.23Bearing SouthDip: 50 degreesStarted: June 27th 1945Completed: July 13th 1945Ultimate Depth 538 Feet.Depth FeetFormation

0-53	Casing
78	Core Broken - 1 & 2 blocks black sil tuff. type gr w.
82.5	Light coloured irregularly banded gr w. compact
84	Lost core
100	Mostly compact tuff type gr w. some qtz. filled cross threads.
104	Argillaceous type gr w. compact
105	Lost core
107	Altered gr w.
107	Start of shear
114	Talcose gr w.
118	L.C.
211	Very good recovery talcose gr w.
227	Comparative siliceous rock altered (diorite sil.) fairly well mineralized disseminated pyrite.
250	Talc shear more contorted than above diorite
275	Talc contorted shear
280	Lost core
290	Contorted talc shear
294	Lost core.

DIAMOND DRILL RECORDHole No. 12-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth - feet	Formation	Width	Ounces
303	Talc shear pyrite cubes		
312.5	Core ground Lost core		
313.7	Remnants of core altered shear		
CONTACT			
316	Altered amphibolized gr w. some pyrite seams little chalcopyrite, few qtz threads	2.3	0.02
320	Mostly compact tuff type gr w. 16 qtz. threads little pyrite very poor mineralization	4.0	0.02
322.5	Bedding zone 4 qtz. stringers brecciated little pyrite.	2.5	0.14
327.5	Mostly compact tuff type gr w. 4 qtz. threads v.l.m.	5.0	0.02
334.5	Compact tuff gr w.		
338	Somewhat bedded tuff gr w. few qtz. threads little py	3.5	0.02
342	Bedded tuff & arg. gr w. irregular qtz. threads little pyrite	4.0	0.02
345	Same as above	3.0	nil
355	compact tuff gr w. few irregular qtz threads		
365	Arg. tuff. gr w. bedded.		
393.5	Compact tuffaceous gr w.		
401	Arg. type gr w.		
401	arg. type gr w.		
414	Bedded tuff gr w.		

DIAMOND DRILL RECORD

Hole No. 12-W

Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth feet	Formation	Width	Ounces
417	Banded arg. & tuff gr w. (fine)		
450	Bedded tuff gr w. intermittent sections of 6" to 1 ft. of finely banded (light & dark bands)		
452.5	Banded tuff gr w. interbedded qtz. strs.		
457.5	Amphibolized banded tuff gr w.		
464.5	Talcose banded gr w. (false shear)		
469	compact tuff gr w.		
471	Closely bedded tuff gr w.		
472	Massive tuff gr w.		
475	Banded tuff gr w. 10 qtz. strs	3.0	nil
482.5	Mostly massive tuff gr w.		
486.2	Tuff gr w. and 3 qtz. strs micaceous mostly qtz 485-486.2 little pyrite	3.7	Trace
492	Tuff gr w. banded		
495	Lost core		
497	Tuff gr w. massive		
502.5	Banded tuff gr w.		
506	Tuff gr w. massive		
515.5	Talcose gr w. sub shear may be some conglomerate		
518.5	Lost core		
538	Amphibolized gr w. conglomerate ---		

END OF HOLE.

DIAMOND DRILL RECORD

Hole No. 12-W
Sheet No. 4Property: Heva Cadillac Gold Mines Ltd.

Depth Feet

Formation

538

End of Hole

Acid Test Angles:-

250 feet - 57 degrees
475 " 56 "Corrected: 49°
48°

DIAMOND DRILL RECORDHole No13-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.
Lat: 4500 North - 150 ft west of No. 9-W
Dep: 1632 East
Elev. of Collar 12 ft. lower than No. 2 Approx.
Bearing; South
Dip 55 deg.

Started: July 17th 1945
Completed: August 3rd 1945
Ultimate Depth 660 feet
Proposed Depth 750 ft.

Depth Feet	Formation
0 - 33	Casing
36	Micaceous gr w. (biorite)
39	L.C.
40	Gr w.
45	L.C.
53.5	Bedded and contorted gr w.
56	L.C.
74	Contorted and micaceous biorite gr w.
76	L.C.
92	gr w. micaceous
95	L.C.
102.5	Tuff grw. light grey
104	L.C.
105	Tuff gr w.
110	L.C.
114	Tuff gr w. brown
115	Argillaceous type gr w.
117	L.C.
120	Tuff gr w.
131	Brown gr w. Tuff.
132	l.c.

DIAMOND DRILL RECORD

Hole No.13-W
Sheet No. 2

Property: Heva Cadillac Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>
137	Greywacke siliceous gray
140	L.C.
142	Gray tuff gr w.
144	L.C. -----GRAYWACKE FORMATION CONTACT
151	contorted grey greywacke
153	L.C.
172	Grey bedded and contorted tuff gr w. agglomerate patch of pyrrhotite at 167
173.5	L.C.
218	Tuff gr w. agglomerate bedded and contorted ----- graywacke bedding contact
221	Contact section argillaceous type gr w.
222	L.C.
225	Soft arg. type gr w.
231.5	Light grey arg. type gr w.
233.5	L.C.
243	Sil. tuff, gr w. bedding contact
243	Sil. tuff gr w.
265	Grey compact gr w. tuffaceous
275	Black compact gr w. smooth coring
283	Compact gr & bl micaceous tuff gr w.
284	L.C.

DIAMOND DRILL RECORDHole No. 13-W
Sheet No. 3Property: Heva Cadillac Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>
315	Mostly tuff gr w. UPPER CONTACT Cadillac shear.
322	Amphibolized gr w.
330	L.C.
340	Contorted shear talcose
342.5	L.C.
346	Amphibolized gr w. soft.
349	Contorted talc shear.
350	Sugar qtz. stringer
351	L.C.
356	Contorted talc shear
369.5	White quartz porphyritic diorite?
400.5	100% recovery contorted shear
404.5	L.C.
420.5	100% recovery contorted shear-peculiar fragmental appearance at 418 - 420
423	L.C.
425	Fragmental tuff gr w. talc shear.
427	L.C.
434	Talc shear
436	L.C.

DIAMOND DRILL RECORDHole No. 13-W
Sheet No. 4Property: Heve Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	ounces
443	Talc shear solid but soft LOWER CONTACT Cadillac Shear		
444	Quartz and talc shear not much mineral	1.0	0.02
447	Quartz breccia & brown (chocolate) gr w. little pyrite similar to that in Hole 6-W at contact	3.0	0.02
450	Banded 90 deg. arg. & tuff gr w. 7 bedded qtz threads 6" of breccia qtz and gr w. little pyrite.	3.0	0.03
453	Mostly tuff banded gr w. 12 qtz. threads fine arsenopyrite and white iron	3.0	Trace
458	Mostly bedded 90 deg. gr w. some arg. type 11 qtz. threads	5.0	nil
466.5	Finely bedded (0 deg arg. & tuff gr w. light & dark bands few qtz. threads		
468.5	L.C. -SEAM- Lost water- this seam is connected to hole No. 6-W as when 6-W was plugged return water was obtained ---		
471.7	Light (olive) and dark banded gr w. fine 90 deg 6 bedded stringers little pyrite micaceous	3.7	nil
472	L.C.		
476.5	Banded (0 deg arg. & tuff gr w. 3 qtz. strs	3.7	tr
478	L.C.		

DIAMOND DRILL RECORD
Property: Heva Cadillac Gold Mines Ltd.

Hole No. 13-W
 Sheet No. 5

Depth Feet	Formation	Width	Ounces
482.5	Banded arg & tuff gr w. 4 bedded qtz strs	4.5	0.02
483.8	L.C.		
487	Banded gr w. arg & tuff 5 bedded qtz. strs	3.2	0.06
491	Black & brown arg & tuff gr w.		
494	Black gr w. fine qtz. threads little min	3.0	nil
497.5	Black tuff gr w.		
503.5	Tuff gr w. black sil. 33 qtz. threads 1 qtz. str	6.0	nil
508	Tuff gr w. black		
509	L.C.		
518	Tuff gr w. blocky core		
520	L.C.		
527.5	Tuff & arg. contorted gr w.		
529	L.C.		
535	arg. & tuff gr w. black 2 qtz. strs. 9 qtz. threads	6.0	Trace
539.5	Black arg & tuff gr w. 4 qtz. strs little py	4.5	Trace
547.5	Black gr w. little amphibolization at 545-547.5		
553	Tuff gr w. 9 qtz. threads little py	5.5	nil
558	Brown tuff gr w. 1-4" bedded qtz. str - 16 bedded qtz threads little pyrite	5.0	nil
563	Brown tuff gr w. 2 Contorted & fractured strs little pyrite	5.0	nil

DIAMOND DRILL RECORD

Hole No. 13-W
Sheet No. 7

Property: Heva Cadillac Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>	<u>Width</u>	<u>Ounces</u>
626	Tuff gr w. 1- $\frac{1}{2}$ " qtz str well mineralized pyrite indicator sample;	1.0	0.12
629	Compact tuff gr w. start of subsidiary shear		
629	AMPHIBOLIZED banded gr w. 643		
660	Amphibolized gr w. conglomerate		

End of Hole 660 feet.

Acid Angle Tests-

250 ft. 55 deg. 47°

660 ft. 55 deg. 47°

DIAMOND DRILL RECORD

Property: Heva Gold Mines Ltd.

Lat: 4500 North

Dep: 1480 East

Elev of Collar: Approx. 10 ft. Lower than No. 2

Datum: No. Hole collar.

Bearing: South

Dip: 55 degrees

Hole No. 15-W

Sheet No. 1

Started: August 6th, 1945

Finished 25th, 1945

Ultimate Depth 706.5 Feet

Proposed Depth 750

Depth Feet	Formation	Width	Ounces
0 - 59	Casing		
97	Tuff gr w.		
98	L.C.		
105	Grey gr w. tuff. few qtz. threads		
117	Compact tuff. gr w.		
122.5	L.C.		
135	Tuff. gr w. slight amphibolization		
136	L.C.		
139	Conborted gr w. tuffaceous 2 qtz veins 4" each micaceous	3.0	Trace
153	Tuffaceous gr w. banded.		
157	Tuffaceous gr w. 2 sections of 1 foot quartz little pyrite and galena	4.0	0.15
163.5	Banded tuff. gr w. 1 qtz. str. some pyrite in seams.	6.5	Trace
164.5	L.C.		
164.5	L.C.		
173.5	Tuff gr w. grey bedding.		
175	L.C.		
198	Tuffaceous gr w. irregular bedding		
204.5	Compact grey gr w. light coloured.		
210	Compact grey gr w.		

DIAMOND DRILL RECORDHole No. 15-W
Sheet No. 2Property: Heva Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>
211	L.C.
262	Tuffaceous gr w. interbedded and banded
272	Course grained grey tuff. gr w. cont. micaceous
275	Sil. smooth coring tuff. gr w.
285	Tuff. gr w. grey micaceous
290	Course grained grey tuff. gr w.
306.5	Sil. smooth coring tuff. gr w. UPPER CONTACT CADILLAC SHEAR.
310	Amphibolized gr w.
361	99.5% recovery cont. talc. shear
372.5	Black micaceous rock ??
377	Talc shear
379	Siliceous contorted rock pyrite & quartz
427	Contorted talc shear 100% recovery
430	L.C.
431	Remnants talc shear
436.5	L.C.
448	Talc shear contorted
454	black siliceous micaceous rock ??
460.5	Contorted talc shear
462	L.C.

DIAMOND DRILL RECORDHole No. 15-W
Sheet No. 3Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
465	Talc shear little granular quartz at 465		
	Probable contact Cadillac shear		
466.7	L.C.		
	PROBABLE CONTACT CADILLIAC SHEAR		
470	Granular crystal clear sugar quartz & some amphibolized shear rock - some specks of V.G. pyrite a grey mineral (galena) blue tourm.	3.3	0.92
472.5	Mostly quartz glassy fine pyrite. possibly V.G. blue tourmaline and a little (galena)	2.5	Trace
473.5	Quartz a little pyrite, pyrrhotite black or blue tourmaline	1.0	0.02
476	L.C. Consider to be quartz		
477.5	Quartz and amphibolized gr w. 2 & 4 specks visible gold separated on core. little blue tourmaline & galena?	1.5	1.97
480	Quartz amphibolized gr w. brown brecciated gr w. fine pyrite chalcopyrite specks. 1- speck of V.G.	2.5	0.14
482	Brown gr w. brecciated quartz filled fine py	2.0	Trace
483	Quartz and brown brecciated gr w. fine pyrite blue galena? 2 specks V.G.	1.0	4.73

DIAMOND DRILL RECORD

Hole No. 15-W
Sheet No. 4

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
485.5	Brown gr w. and quartz fine pyrite	2.5	0.05
489	Tuffaceous and argillaceous gr w. banded 4 qtz threads fine pyrite 2 contorted stringers	3.5	0.07
492	Tuff gr w. 50% qtz filled fine pyrite specks chalcopyrite	3.0	nil
497.5	Banded tuff gr w. and brecciated gr w. 25% qtz filled fine pyrite specks chalcopyrite	5.5	0.01 490-500-0.11
500	Banded tuff. gr w. bedded strs little pyrite	2.5	Trace
507.5	Tuff and arg. interbanded gr w. 4 contorted qtz threads fine pyrite	7.5	Trace
508	Tuff. gr w. both sides of 0.2 ft. qtz str 90D	0.5	0.10 500-510-0.11
512	Tuff and arg. gr w. 7 contorted grey qtz str	4.0	0.05
515	Fractured tuff. gr w. qtz filled fine scattered pyrite	3.0	0.02 510-520-0.08
520	Tuff and arg. gr w. 16 bedded qtz. str. 1/2 to 1 inch wide fine pyrite	5.0	0.02
524	Tuff and arg. gr w. 7 bedded qtz strs fine py.	4.0	0.02 520-530-0.10
532.5	compact tuff. gr w. qtz. threads		
535	Tuff gr w. 18 bedded qtz. threads	2.5	0.02
540	Tuff and arg. gr w. 12 qtz. threads 3 contorted qtz stringers fine pyrite.	5.0	0.07 530-540
			0.06

DIAMOND DRILL RECORD

Hole No. 15
Sheet No. 5

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
543	Mostly arg. type gr w.		540-550 0.08
562	Mostly tuff gr w.		
569	Tuff gr w. slight amphibolization		550-560 0.16
570	L.C.		
575	Tuff gr w. slight amphibolization 574-575 Brown & rough coring		560-570 0.07
578.5	Banded tuff. gr w. 3 qtz. strs v.l.m.	3.5	nil 570-590 0.12
593.5	Mostly tuff. agglomerate gr w.		
599	Banded arg & tuff. gr w. 7 qtz strs bedded	5.5	nil 580-590 0.06
602.5	Altered gr w. 9 qtz threads 3 qtz strs fine py	3.5	Trace
633	Mostly brown tuff gr w.		590-600 0.01
635	Talcose gr w. shear		600-610 0.02
641	Tuff. brown gr w. mostly compact some bedded Micaceous qtz strs.		610-620 0.03
644	Indicator sample arg. type gr w. 4 qtz. threads	3.0	nil 630-640 0.04
658	Mostly compact brown tuff. gr w.		640-650 0.01
666	Altered gr w. compact sil. smooth coring chloritized		650-660 0.01
706.5	Amphibolized gr w. and amphibolized gr w. conglomerate. First boulder at 695 feet. End of Hole at 706.5 feet Acid angle tests 300 feet 55 deg. & 700 feet 52 deg.		

DIAMOND DRILL RECORD

Property: Heva Cadillac Gold Mines Ltd.
Lat: 4370 North
Dep: 1480 East
Elev. of collar 10 feet approx lower than No. 2
Bearing South
Dip: 50 deg.

Hole No. 16-W

Sheet No. 1

Started: July 28th, 1945
Completed: August 7th, 1945
Ultimate Depth 465 Feet.

Denth FeetFormation

0 - 75	Casing
136.5	Tuffaceous greywacke bedded (agglomerate)
148	Tuff gr w.
171	Compact tuff gr w.
183	Smooth coring arg. type sil gr w.
217	Talc cont. shear (Upper contact CADILLAC SHEAR)
220	L.C.
221	Talc shear
222	L.C.
224	Remnants mud
225	L.C.
231.5	Shear
232.5	L.C.
235	Shear
237	L.C.
250	50% recovery remnants
275	Contorted long angle sheared gr w.
300	75% recovery shear
325	Contorted shear
344.5	75% recovery shear - core in short pircs 90 deg.
346	L.C.

DIAMOND DRILL RECORDHole No. 16-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
346.5	Tlc. Shear		
347.5	Amphibolized talc shear & sil. shear pyrite	1.0	tr
348	L.C.		
348.5	Talc shear pyrite		
349.5	L.C.		
350	Talc shear		
351	L.C.		
352	Contact section 4" of shear) and little qtz breccia gr w. min. with pyrite. LOWER CONTACT CADILLAC SHEAR	1.0	0.01
355	Grey tuff gr w. str little pyrite	3.0	0.03
360	Contorted and fractured gr w. tuffaceous agglomerate with brec qtz str pyrite pyrrhotite and little chalco.	5.0	0.02
362	Brecciated gr w. and br. qtz little pyrite	2.0	nil
364	Fr & br. gr w. brown qtz filled pyrite	2.0	Trace
366	gr. gr w. fr qtz filled	2.0	Trace
368	Tuff gr w. rough coring few qtz threads	2.0	Trace
372	Tuff gr w. 5 qtz threads little py	4.0	Q01
375	Tuff gr w. 3 qtz threads	3.0	0.02
379	Tuff gr w. rough coring 50% brecc qtz. pyrite little chalco & pyrrhotite	4.0	0.04

DIAMOND DRILL RECORD

Hole No. 16-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
382	Tuff gr w. some banding 3 qtz strs well min. py	3.0	0.04
386.5	Compact tuff gr w. 3 qtz. strs two 4" fr. qtz. veinlets py specks of pyrite	4.5	0.04
387	Bedding marker fine light and dark gr w. 15 qtz. threads	0.5	Trace
389.5	Rough coring brown tuff gr w. 4 qtz. thr. py	2.5	0.01
392.5	Brown rough coring gr w. tuff no qtz. strs	3.0	0.04
403	Brown tuff gr w. 26 qtz. thr. & strs.	11.5	0.03
406	Arg. & tuff gr w. 5 qtz. threads	3.0	0.02
410	Arg. & tuff gr w. 16 qtz. threads	4.0	Trace
422	Arg & Tuff banded gr w. numerous qtz. strs		
456	Mostly compact tuff gr w. some qtz. strs		
465	Banded tuff gr w. light grey		

END OF HOLE AT 465 feet.

Angle Tests-

230 feet	56 degrees	46°
400 "	56 "	48°

DIAMOND DRILL RECORD

Hole No. 17-W

Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 4495-N

Dep: 1330 E

Elev. of Collar 987.26

Datum South

Dip: 55 degrees

Started: Aug. 28/45

Completed: Sept 14/45

Ultimate Depth 690 ft.

Proposed Depth 750 ft.

Depth Feet	Formation	Width	Ounces
0 - 57	Casing		
61	Altered tuff gr w. water seam		
63	L.C. Seam		
70	Altered grey tuff. gr w.		
74	L.C.		
86	Tuff gr w. slight bedding compact		
88.5	Tuff gr w. 2-3" quartz veinlets pyrite	2.5	nil
93	Contorted & fractured tuff, gr w.		
94	L.C.		
107	Contorted and bedded tuff, gr w. altered in part		
109	L.C.		
145	Tuff gr w. and altered tuff. gr w. conglomerate (agglomerate)		
150	Arg. type gr w 1 contorted quartz stringer 7 threads	5.0	nil
222	Mixture of compact tuff. gr w and bedded tuff grw and bedded arg. type grw.		
230	Banded light & dark tuff gr w.		
250	Compact tuff. gr w.		
332.5	Mostly tuff gr. interbanded & bedded, some olive coloured sections at 320-322.		

DIAMOND DRILL RECORDHole No. 17-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>	<u>Width</u>	<u>Ounces</u>
375	Contorted talc. shear 100% recovery 1½ ft. amphibolized at 351		
400	Contorted talc. shear 4 ft. missing		
402.5	L.C.		
426.5	Contorted talc. shear		
431	L.C.		
462	Contorted talc. shear		
465	L.C.		
471	Contorted talc. shear		
473	Heavy shear		
482	Amphibolized talc shear	1.0	0.03
483	Quartz very little mineralization		
492.5	Amphibolized talc shear 4" quartz at 486 LOWER CONTACT CADILLAC SHEAR		
496	Black banded tuff. gr w. no quartz - pyrite frozen contact ?	3.5	0.08
500	Banded & contorted tuff gr w. very little quartz pyrite.	4.0	0.04
501.5	Tuff gr w. compact	1.5	0.03
506	Banded & fractured tuff. gr w. 8 quartz threads 3 quartz stringers fractured little pyrite	4.5 3.0	0.03 0.03
509	Banded tuff. arg. gr w. light & dark no threads no stringers.		

DIAMOND DRILL RECORD

Hole No17-W
Sheet No. 3Property: Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
511	Fractured tuff, gr 2 quartz stringers	2.0	Trace
514	Mostly compacted tuff gr w. 8 qtz threads 2 quartz stringers little pyrite	3.0	Trace
517.5	Compact tuff. gr w. 2 qtz. threads	3.5	Trace
518.5	Tuff gr w. 5 qtz. stringers - little pyrite	1.0	Trace
521.5	Tuff gr w. slight amphibolization no stringers	3.0	Trace
524	Fractured & altered gr w. arg. type 5 fr quartz stringers little pyrite.	2.5	0.09
527	Tuff. grw. altered 10 quartz threads - little pyrite.	3.0	0.02
532.5	Tuff gr w. 21 qtz. threads 1 qtz. stringer	5.5	0.02
535	Altered tuff gr w. 5 qtz. threads little pyrite.	2.5	Trace
537.5	Banded & contorted gr w. 4 contorted stringers	2.5	0.04
556	Mostly compact tuff gr w.		
556.5	Lost core		
566	Brown tuff gr w. some bedding.		
568	Brown tuff & arg. type grw. 8 qtz. threads	2.0	nil
578	Brown banded tuff grw.		
579	L.C.		
582	Brown tuff grw. 1-4" stringer 9 contorted quartz stringers.	3.0	nil

DIAMOND DRILL RECORD

Hole No. 17-W
Sheet No. 4

Property: Heva Cadillac Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>	<u>Width</u>	<u>Ounces</u>
589	Brown & Olive banded tuff. grw.		
593.5	Compact grey & brown grw.		
596	L.C. Change of grw.		
600	Bl. arg. type gr w. 5 quartz threads	4.0	nil
601	L.C.		
603.5	Grey & bl. contorted grw. 7 qtz. threads - 2 quartz stringers - fine pyrite	2.5	nil
606	Sil. Bl. grey grw.	2.5	nil
609	Sil. grey grw. 2 contorted qtz. stringers, little pyrite.	3.0	nil
610	Sil. grey grw.		
612.5	L.C.		
620	Sil. grey grw.		
622	L.C.		
630	Brecciated coarse grain grw.		
632.5	Brecciated gr w. 3 quartz threads	2.5	
634	L.C.		
638.5	Bl. brecciated sil. grw. 5 quartz threads		
642	Sand seam		
648	Brecciated sil. gr w.		
652	Change in grw. bedding sil. tuff gr w.	4.0	nil

DIAMOND DRILL RECORDHole No. 17-W
Sheet No. 5Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
654.5	Sil. Tuff gr w. 10 qtz. threads 1 stringer fine pyrite	2.5	nil
658.5	Sil. grey gr w. 2 threads 1-3" contorted qtz. stringer.	4.0	nil
665	Sil. grey comp. tuff. gr w.		
670	Sil. black gr w. 3 qtz. threads v.l.m. CONTACT LOWER SUB-SHEAR.	5.0	nil
690	Talcose & amphibolized gr w. one pebble at 674		
END OF HOLE 300 ft. 53 degrees 45°			
675 " 52 " 40°			

DIAMOND DRILL RECORD

Hole No. 18-W

Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 43° 70' North

Dep: 1405 East

Elevation of Collar 10 feet lower than No. 2 approx

Bearing South

Dip: 50 deg.

Started: Aug. 9th 1945

Completed: August 20th 1945

Ultimate Depth 443.5

Proposed Depth 450

Depth FeetFormation

0 - 67	Casing		
155	Tuff gr w. (agglomerate)		
171	Compact sil. tuff. gr w.		
179	Amphibolized sil. gr w.		
181	Amphibolized sil. gr w. fine pyrite		
	Upper Contact CADILLAC SHEAR		
269	Talc shear contorted 200 - 226		
	L.C. -- 181-182; 184-187; 194-197; 198-198.5		
	201-202; 203-204; 207-208; 215-217; 219-220; 222-223		
	226-227; 228-229; 231-233; 234-235; 246-247; 248-249		
	251-252; 253-255; 255.5-257; 258-259;		
271	Siliceous amphibolized black rock		
305	Talc shear L.C. from 273-275; 276-279; 282-284		
	287-291; 292-295; 297-298; 299-299.5; 300-303		
306.5	Altered grey green rock?		
347.5	Talc shear -- sand seam at 339-heavy shear 338-342		
	L.C. from 324-325; 326-328; 330-332; 333-334		
	335.5-336.5		
351.5	Quartz and talc shear amphibolized fine pyrite	4.5	0.05
353	Talc shear amphibolized		
	Lower contact Cadillac SHEAR.		

DIAMOND DRILL RECORD

Hole No. 18-W
Sheet No. 2

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
358	Brown brecciated arg. type gr w. some dark blue grey qtz. pyrite, pyrrhotite specks chalco	5.01	0.01
361.5	Arg. type gr w. py. pyrr. some specks chalco	3.5	0.01
365.5	arg. & tuff gr w.	4.0	Trace
366.3	L.C.		
367.6	Tuff gr w. fine pyrite	1.3	Trace
368.3	L.C.		
372	Course grained rough coring brown tuff gr w. 13 qtz. threads	3.7	0.02
377	Tuff gr w. 3 qtz. strs 10 qtz. threads fine pyrite	5.0	Trace
385.5	Compact tuff gr w.		
387.5	Yellow banded gr w. bedded		
395	Grey tuff gr w. 5 qtz. threads		
398.5	Tuff gr w. 23 qtz. bedded threads fine pyrite	3.5	0.04
403.5	Tuff gr w. some 17 bedded qtz. threads fine py	5.0	Trace
408.5	Tuff gr w. bedded 13 bedded qtz. threads		
410.5	Arg. & tuff gr w.		
412.5	L.C.		
413	Black tuff gr w.		
417.5	L.C.		
418	Black tuff gr w.		

DIAMOND DRILL RECORD

Hole No. 18-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet

Formation

419.5
443.5

L.C.
Tuffaceous and argillaceous gr w. mostly
dark coloured few qtz. threads

END OF HOLE AT 443.5

Angle Tests

200 feet 55 degrees 47°
400 feet 57 " 49°

DIAMOND DRILL RECORD

Property: Heva Cadiillac Gold Mines Ltd.

Hole No. 19-W

Sheet No. 1

Lat: 4495 N
Dep: 1180 E
Elev of Collar 986.77'
Bearing: South
Dip 55 degrees

Started: Sept. 17, 1945
Completed: Oct. 1 1945
Ultimate Depth 640 ft.
Proposed Depth 750 ft.

Depth Feet	Formation	Width	Ounces
0 - 60	Casing		
83	Altered tuff grw. slightly amphibolized		
105	Altered amphibolized grw. (conglomerate)?		
106	Lost core		
115	Sil. amphibolized gr w.		
117	Sil. Amphibolized gr w 6" blue grey quartz	2.0	Trace
120	Sil. amphibolized gr w.		
124	Lost core		
125	Sil. Amphibolized gr w. 1 quartz stringer.		
127	Lost core		
138	Sil. amphibolized grw.		
146	Banded tuff. & argillaceous gr w. slightly amphibolized (altered boulders) probably part of a bed of grw. conglomerate.		
156	Sil. altered gr w. slightly amphibolized		
176	Mixture of altered light grey gr w. contorted and bedded.		
238	Altered sil. tuff. & arg. interbanded. Odd altered boulder.		
255	Mostly thin banded tuff. gr w.		
294	Light grey tuff. gr w. & light grey bands of tuff. near shear bands of brown tuff.		

DIAMOND DRILL RECORD

Property: Neva Cadillac Gold Mines Ltd.

Hole No. 19-W
Sheet No. 2

<u>Depth Feet</u>	<u>Formation</u>
333	Altered talcose shear - contorted
335	Sil. & micaceous rock (lamph)?
352	Contorted talcose shear
353	Lost core
360	Softer talcose shear recut core
369	Contorted talcose shear
373	Lost core
380	Contorted talcose shear
385	Lost core
393.5	Contorted talcose shear micaceous
398.5	Altered dark green rock (alt. Diorite?)
406.5	Micaceous dark rock slightly talcose-?
416	Contorted talc. shear.
419	Black micaceous rock ? altered diorite.
422.5	Contorted talc. shear.
423	Black micaceous rock?
424	Grey green compact rock slightly talcose
425.5	Contorted talc. shear.
430	Contorted (long axis) Bl. micaceous shear talcose
432.5	Black micaceous rock heavy pyrite.
440	Contorted talc. shear.

DIAMOND DRILL RECORD

Hole No. 19-W
Sheet No. 3Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
442.5	Lost core		
447.5	Contorted talcose shear		
450	Lost core		
451	Talcose shear		
452.5	Lost core		
457.5	Contorted talcose shear.		
461	Gouge shear - long axis		
462	Chloritized talcose shear- some irregular quartz carbonate		
	LOWER CONTACT SHEAR		
462.5	Diabase		
465	Lost core		
467.5	Diabase		
469	L.C. (diabase)		
469.5	Diabase		
471.5	Quartz some silver grey mineralization	2.0	0.20
474.5	Sil. brown banded r w. argillaceous 1-3"	3.0	0.07
	quartz stringer 11 quartz stringers & threads pyrite.		
477.5	Altered gr w. tuff.		
479	Lost core		
492	Mostly compact tuff. gr w. scattered qtz threads.		

DIAMOND DRILL RECORD

Hole No. 19-W
Sheet No. 4

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
493.5	Bl. sil. gr w. 4 qtz. threads & stringers	1.0	Trace
495	Sil. comp. gr w.		
496.5	Sil. comp. gr w. 9 qtz. threads	1.5	nil
514.5	Bl. sil. gr w. contorted some irregular qtz. thr.		
517	Lost core.		
522	Bl. sil. gr w. 18 qtz. threads little pyrite	5.0	0.02
527.5	Bl. sil. gr w. 16 qtz. threads little pyrite	5.5	Trace
548.5	Somewhat banded sil. tuff gr w. some quartz thr		
602.5	Quartz diabase.		
606	Tuff gr w. 1 quartz thread 90 degrees		
607	Tuff gr w. 3 quartz stringers 7 qtz. threads	1.0	nil
618	Bedded tuff gr w. somewhat micaceous		
623	Altered tuff. grw. micaceous ll, bedded quartz stringers 90 degrees	5.0	Trace
640	Altered banded tuff gr w. numerous bedded qtz. str. barren micaceous		

END OF HOLE. 640 ft.

Acid Tests 250 ft. 56 degrees

640 ft. 55 degrees

Corrected:

48°

47°

DIAMOND DRILL RECORDHole No. 20-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.
Lat: 4370 N
Dep: 1330 E
Elev. of Collar 985.50
Bearing: South
Dip: 55 degrees

Started: Aug. 21/45
Completed: Aug. 31/45
Ultimate Depth 443 ft.
Proposed Depth 630 ft.

Depth Feet	Formation	Width	Ounces
0 - 54	Casing		
108.5	Grey tuff gr w. 83-84 - 1 - Contorted stringer fine pyrite.		
127	Compact tuff. gr w. sil. smooth		
170.5	Tuff gr w. compact & contorted Upper Contact		
198	100% Recovery contorted talcose shear		
199	Lost core		
204	Core wearing to 1"		
250	Shear Lost core 204-209 211-213 218-219 222-223.5 From 225-250 - 6 - 1 ft. sections		
270	Full size core - shear 5 ft. missing.		
275	Lost core		
311	Short section left 15 feet of nodules - scattered Note of 28 ft. sand in hole.		
325	No core only sand at each pull		
351	No core only bits of sand.		
At 351	Some talcose shear.		
355	Mostly granular qtz. some shear gr w. little pyrite - some grey mineral.	4.0	0.01
355.5	Talcose amphibolized shear.		

DIAMOND DRILL RECORD

Hole No. 20-W
Sheet No. 2

Property: Heva Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
356.5	Lost core		
358	Talc. amphibolized gr w buttons (contact)		
363	Sil. black tuff. pyrite no quartz	5.0	0.02
366	Bl. & grey sil. tuff. gr w. some contorted qtz. threads pyrite.	5.0	0.02
373	Grey sil. tuff. gr w. few contorted qtz. threads	5.0	0.04
374	Lost core mud in box - do not think seam		
376.5	Coarse grained. tuff gr w. few qtz. threads	2.5	Trace
390	Black sil. argillaceous type gr w. compact few qtz. threads		
391	Lost core		
391.5	Broken core Bl. sil. gr w.		
392.5	Lost core Sand.		
395	Black arg. type gr w. fine bedded grey qtz. str.		
396.5	Lost core.		
397.2	Grey tuff. gr w. 5 quartz threads.	0.07	Trace
398.3	Lost core		
402.5	Rough coring coarse grey gr w. 1 speck of V.G. fine tuffaceous pyrite.	4.2	0.07
403.5	Lost core.		

DIAMOND DRILL RECORD

Hole No. 20-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
407.5	Sil. Black arg. type gr w. 8 quartz threads fine pyrite in quartz	4.0	0.01
408.5	Lost core		
409.5	Bl. arg. type gr w.		
411	Lost core		
419	Bl. Tuff gr w. compact		
420	Lost core		
423	Bl. Tuff. gr w. compact		
424.5	Lost core		
425.5	Bl. tuff gr w.		
427	Lost core		
428	Bl. tuff. gr w.		
429.5	Lost core		
430.5	Bl. tuff. gr w.		
433.5	Tuff. gr w. 3 quartz stringers cont. 2 threads fine pyrite.	3.0	nil
440.5	Tuff gr w.		
443	Lost core		

Remnants at 443 - hole stopped due to sand and
large hole in shear rods breaking.

END OF HOLE 443 ft.

Acid Tests No tests due to 75 to 100 ft. sand.

DIAMOND DRILL RECORD

Hole No. 21-W

Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 4490 N

Dep: 1030 E

Elev. of Collar 985.05'

Bearing: South

Dip 55 degrees

Started: Oct 2, 1945

Completed: Oct 17, 1945

Ultimate Depth 712 feet.

Depth Feet	Formation	Width	Ounces
0 - 58	Casing		
112.5	Altered tuffaceous greywacke slightly amphibolized (could be part gr w. conglomerate?)		
115	Quartz & contorted gr w. tuffaceous		
137	Sil. slightly amphibolized gr w.		
140	Lost core		
175	Slightly amphibolized tuffaceous gr w.		
183	Black sil. altered gr w.		
187	Lost core.		
200	Fractured & contorted greywacke light grey		
260	Altered sil. compact tuffaceous & argillaceous gr w. odd altered boulder.		
273	Altered sil. gr w. evidence of banding light & dark.		
291.5	Sil. altered gr w. some compact tuffaceous some amphibolized & fractured. Start of Cadillac shear		
374	Contorted talcose shear.		
377	Black sil. & Micaceous rock (altered)		
422	Contorted talcose shear.		
427	More intense shearing.		

DIAMOND DRILL RECORD

Hole No. 21-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
432.5	Comparatively compact talcose gr w.		
435	Lost core		
450	Comparatively compact shear.		
483	Contorted talcose shear.		
485	Lost core		
486	Shear		
488	Altered talcose shear, pyrite & breccia of quartz silver grey mineral	2.0	0.01
490.5	LOWER CONTACT		
490.5	Brown - banded altered gr w. 1-3" & 1" qtz. str. qtz. threads, fine pyrite chalco pyrrhotite	1.5	0.02
493.5	Altered brown tuff gr w. amphibolized 3 chloritic qtz. str. fine pyrite.	3.0	0.03
495.5	Banded amphibolized tuffaceous gr w. numerous bedded qtz. str. 1-1" cont. str. fine py.	2.0	0.05
497	Mostly quartz & brown brecciated gr w. fine py.	1.5	0.20
501	Banded & amphibolized gr w. (fragmental tuff) bedded qtz. threads 1-2" qtz. str. fine pyrite chalcopryrite.	4.0	0.04
504	mostly quartz & brown brecciated gr w. fairly well mineralized fine pyrite.	3.0	0.00

DIAMOND DRILL RECORD

Hole No. 21-W

Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
506	Banded brown gr w. 4 - $\frac{1}{2}$ " qtz. str. fine py.	3.0	0.11
509.5	50% qtz. & brecciated brown gr w. fine pyrite free gold.	3.5	1.45
511	Brecciated brown gr w. quartz str. free gold	1.5	0.07
513.5	Brown brecciated gr w. & 25% qtz. filled fine pyrite.	2.5	0.06
517	Banded & contorted gr w. brown tuffaceous qtz. str. fine pyrite.	3.5	0.04
520.5	Quartz & 6" of brecciated brown gr w. each end qtz. filled. some fine py. & silver grey mineral.	3.5	0.22
524.5	Banded brown tuff. gr w. somewhat altered chloritized seams. Footwall of above zone	4.0	0.01
527.5	Banded arg. type gr w. fe w qtz. threads	5.0	0.03
530	Banded arg. type gr w. 3 qtz. threads	2.5	0.08
535	Banded arg. & tuff. gr w. 26 qtz. threads fine pyrite.	5.0	0.02
540	Banded tuff gr w. 13 qtz. threads 1 qtz. str. fine pyrite.	5.0	0.09
545	Banded tuff. gr w. 10 qtz. thr. fine pyrite	5.0	0.04
556	Mostly compact tuff, gr w.		

DIAMOND DRILL RECORD

Hole No. 21-W

Sheet No. 4

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
564.5	Sil. smooth coring altered banded (light & dark) Grw.		
566.5	Sil. tuff. gr w.	2.0	nil
569.5	Sil. tuff gr w. fractured qtz. threads	3.0	nil
580	sil. smooth coring altered gr w. fine pyrite in long seam.	10.5	0.01
585	Brown coarse gr. tuff. gr w. banded		
590	Arg. type gr w. & tuff. banded 8 qtz. thr. fine pyrite.	5.0	nil
592	Banded arg. & tuff. gr w. 8 qtz. thr. fine py.	3.0	Trace
596	Mostly arg. type gr w. Black 2 qtz. str. fine pyrite micaceous 4 qtz. threads	3.0	nil
622	Banded grey tuff. gr w. occasional qtz. str.		
624	Altered tuff. gr w. 5 qtz. str. 1"	2.0	nil
626.5	Lost core		
630	Contorted altered sil. gr w. altered 5 cont-qtz. str. 1"	3.5	nil
635	Sil. tuff gr w. 5 qtz. thr.	5.0	nil
637	Cont. sil. gr w. 2 contorted qtz. str. 1-6" section quartz str. pyrite micaceous.	2.0	nil
661	Banded tuff, gr w. occasional qtz. threads & stringers.		

DIAMOND DRILL RECORD

Hole No. 21-W
Sheet No. 5

Property: Heva Cadillac Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>
662	Altered talcose gr w.
664	Amphibolized gr w.
665	Talcose Altered gr w.
670	Tuff & arg. sil. gr w. 18 qtz. str. bedded micaceous
680	Compact sil. tuff. gr w.
685	Closely banded light & dark tuff & arg. gr w. 4 contorted altered qtz. str. micaceous
692.5	Sil. compact tuff. gr w. black partly banded light & dark.
704.5	Brown closely bedded gr w.
712	Amphibolized talcose gr w.

END OF HOLE. 712 ft.

Angle Acid Tests 300 ft. 58 degrees
 700 ft 55 "

Corrected:
 50° 30'
 47°

DIAMOND DRILL RECORDHole No. 22-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 4370 N

Dep: 1260 E

Elev. of Collar : 986.15

Datum:

Bearing: South

Dip 50 dgs.

Started: Sept 21/45

Completed: Oct 2/45

Ultimate Depth 661 ft.

Proposed Depth 450 ft.

Depth Feet	Formation	Width	Ounces
0 - 59	Casing		
160.5	Tuff gr w. some compact some bedded UPPER CONTACT		
237	Talcose contorted shear 100% recovery		
240	Black micaceous rock pyrite		
255	Talcose contorted shear 100%		
256	Black micaceous rock		
293	Talcose contorted shear		
295	Mud & gouge		
300	1 1/2 ft. remnants remainder Lost core.		
332	100% recovery talcose contorted shear		
335	Talc. micaceous bl. gr w. contorted		
337	Black micaceous sil. rock		
349	Chloritic talcose shear		
351	Mud & gouge		
358.5	Talc. alt. (diorite)? Compact core micaceous. Lower CONTACT		
360	Sil. black gr w. pyrite no quartz	1.5	0.04
361.5	Quartz little silver grey mineralization pyrite.	1.5	0.02
365	Cont. brown gr w. quartz stringers.	3.5	0.09
370	Compact tuff. gr w. 8 threads		
375	Compact tuff. gr w.		

DIAMOND DRILL RECORDHole No. 22-W
Sheet No. 2

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
380	Compact tuff gr w. 5 cont. quartz str. 2 quartz threads some banding.	5.0	Trace
385	Compact tuff gr w. siliceous 2 qtz. str. 4 qtz. thr.	5.0	Trace
390	Compact tuff. gr w. - 4 threads in on 6" piece		
392	Sil. gr w. tuff. three qtz. str. pyrite	2.0	Trace
407	Tuff gr w. occasional qtz. str.		
410	Sil. tuff gr w. 9 qtz. threads & str.	3.0	Trace
416	Black sil. gr w.		
417	Cont. section 4" quartz	1.0	nil
420	Banded sil. gr w. no str.	3.0	nil
425	Tuff gr w. 29 qtz. threads - very fine		
430	Part compact tuff. gr w. & part banded light grey tuff gr w.		
459	Compact tuff. gr w. (blocky core - 455-459)		
460	Tuff gr w. & quartz very little mineral	1.0	nil
469	Compact & bedded tuff. gr w.	9.0	nil
474	Bedded arg. & tuff gr w. 5 irregular qtz. str.		
478	Bedded arg. & tuff gr w. 9 irregular qtz. str. at 478 rusty water seam	4.0	Trace
483	Tuff gr w. sil. few quartz threads.		

DIAMOND DRILL RECORD

Hole No. 22-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
487	Arg. & Tuff bedded gr w. 6 qtz. thr.	4.0	nil
492	Tuff. gr w. 2 quartz stringers	5.0	nil
497	Arg. & tuff gr w. 10 qtz. str. 7 qtz. thre. pyrite micaceous	5.0	nil
504.5	Sil. tuff gr w. 5 qtz. thr.		
507.5	Sil. tuff & arg. 3 qtz. str. 3 or 4 qtz. thr.	3.0	nil
511.5	Sil. arg. & tuff gr w. 5 qtz. str.	4.0	Trace
540	Sil. arg. & tuff gr w. bedded quartz stringers		
559	Banded & compact tuff gr w.		
568.5	Talcose & amphibolized gr w. some lost core Sand seam at 559		
582.5	Compact tuff. gr w.		
585.5	Amphibolized sil. gr w.		
605	Talc. sheared greywacke		
641	Amphibolized gr w. conglomerate siliceous sand seam.		
658	Amphibolized talcose gr w.		
661	Gr w. conglomerate boulder		

END OF HOLE. 661 ft.

		Corrected	
Acid Tests	320 ft.	54 deg.	46°
	660 ft.	54 "	46°

DIAMOND DRILL RECORD

Hole No. 23-W

Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 4490

Dep: 880 East

Elev. of Collar 981.53'

Bearing: South

Dip: 57 Degrees

Started: Oct 19/45

Completed: Nov. 3rd 1945

Ultimate Depth 580 feet

Proposed Depth 750 feet.

Depth Feet	Formation	Width
0 - 50	Casing	
65	Altered rock (diorite)?	
70	Sil. Black contorted greywacke. 3 quartz str. very little mineralization	
75	Sil. Altered gr w.	
106.5	Altered gr w. siliceous tuffaceous	
107.5	Quartz white, barren	
112.5	Siliceous altered gr w.	
120	Lost core	
151	Altered banded tuff gr w.	
155	Ground core	
200	Altered contorted greywacke	
211	Grey gr w. compact	
214	Lost core	
242	Banded gr w. tuff.	
257	Sil. Tuff. gr w. 6" quartz stringers @ 256-256.5	0.5
287	Altered and siliceous tuff gr w. UPPER CONTACT CADILLAC SHEAR.	
290	Lost core	
320	Contorted talcose shear 100% recovery	
325	Black siliceous rock altered micaceous (dyke)?	

DIAMOND DRILL RECORD

Hole No. 23-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
374	Contorted talcose shear 100% recovery		
376	Buttons & Mud.		
422	Fine gr. black compact rock (altered diabase)?		
437	Altered slightly talcose brecciated but not typical shear. Smooth coring.		
448	Contorted shear pyrite cubes.		
455	Black micaceous amphibolized rock, altered		
463	Same but talcose and contorted pyrite cubes.		
484	Contorted micaceous talcose shear		
495	Lost core.		
499	Contorted talcose shear		
503	Core remnants and mud shear		
507.5	Lost core.		
	LOWER CONTACT CADILLAC SHEAR-		
510	Chloritized & amphibolized shear (shear 1.5 ft.) and 1 ft. of sil. banded quartzose gr w.	2.5	0.01
512.5	Quartzose banded brw 1-2" qtz. str. very little mineralization 1 speck V.G.	2.5	0.08
515	Brecciated quartz & gr w. very little mineral. possible v.g.	2.5	0.05
517.5	Quartz & some brecciated gr w. possible v.g.	2.5	0.03

DIAMOND DRILL RECORD

Hole No. 23-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Denth Feet	Formation	Width	Ounces
520	Quartz breccia and greywacke 6" of amphibolized gr w. speck v.g.	2.5	0.52
521.5	Brecciated quartz & gr w. stringers possible v.g.	1.5	0.35
523	Brecciated quartz & gr w. threads 3 specks v.g.	1.5	0.16
526	Quartz	3.0	0.03
531.5	Banded tuff. 4 qtz. strs. Little pyrite.	4.5	0.05
535	Contorted & banded tuff. gr w. 1 ft. of qtz. strs. little pyrite.	3.5	0.02
536.5	Tuff gr w. compact	1.5	0.02
541	Contorted & brecciated tuff. gr w. cont. qtz. strs pyrite.	4.5	0.03
545	Banded tuff. gr w. & qtz. strs. & threads	4.0	0.04
550	Tuff gr w. few quartz threads	5.0	0.02
562.5	Tuff compact gr w. few qtz. threads		
563	Quartz stringers		
568	Bl. sil. gr w. few quartz threads		
572	Tuff. compact gr w.		
580	Sil. altered argillaceous type gr w. black		
	END OF HOLE 580 ft.		
	Angle Tests 250 ft. 60 deg.	Corrected:	
	580 ft. 61 "	52° 30'	
		54°	

DIAMOND DRILL RECORD

Hole No. 24-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 4370 North - On base line 1050 feet West

Dep: 1180 East of Central section 1; 2; 3

Elev. of Collar 10 ft. lower than No. 2 Approx 986.18'

Datum: Collar No. 2 Hole

Bearing: South

Dip: 55 deg..

Started: July 17th, 1945

Completed: July 26th, 1945

Ultimate Depth 459 Feet

Depth Feet

Formation

0 - 67	Casing
117	Tuffaceous gr w.
144	Irregular bedded tuff. gr w. $\frac{1}{4}$ " massive pyrr. at 138.5
	hanging wall of shear
176	100% recovery 1&2" pieces sheared gr w.
117.5	L.C.
178	Talcose gr w.
179	L.C.
180	Shear
182.5	L.C.
190.5	Shear
192	L.C.
231	Shear 100% recovery
233	L.C.
236	Shear
237	L.C.
247	Shear softer (more talcose)
250	L.C.
250.5	Buttons
269	l-c. few remnants of 6 pulls
300	100% recovery amphibolized shear

DIAMOND DRILL RECORDHole No. 24-W
Sheet No. 2Property: Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
325	85% recovery amphibolized gr w. shear		
329	100% recovery		
332	Siliceous amphibolized gr w.		
346	Shear pyrite cubes		
350	L.C.		
353	100% recovery amphibolized talc shear		
353	LOWER CONTACT		
353.2	Quartz at contact	0.2	0.54) ---.081
355	Quartz - galena specks little pyrite	1.8	0.03)
357.5	Tuffaceous gr w. 4 qtz. threads little pyrite	2.5	tr
360	Gr w. breccia qtz. filled fine pyrite	2.5	0.05
365.5	Tuff & arg. gr w. bedded some fracturing 8 qtz. str. little pyrite	5.5	0.08
367.5	Arg. gr w. 4 qtz. threads pyrite.	2.0	0.10
371.5	Tuff gr w. 2 brecc. qtz. str.	4.0	0.03
375	Tuff gr w. 20 qtz. threads little pyrite micaceous	3.5	0.03
380	Bedding marker coarse grained rough coring		
	Brown tuff gr w. numerous bedded qtz. str.	5.0	0.13
385.7	Same as above 16 threads V.l. pyrite	5.7	nil
393.5	Arg. & tuff. gr w. no str.		
400	Coarse grained brown tuff. gr w. rough coring	6.5	nil
	6 qtz. threads.		

DIAMOND DRILL RECORDHole No. 24-W
Sheet No. 3Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
402	Brown banded tuff gr w. 6 qtz. threads v.l.m.	2.0	nil
405.5	Same 3 threads	3.5	nil
410	Tuff gr w. 3 qtz. strs 5 qtz. threads	4.5	nil
415	Tuff gr w. few qtz. threads		
426	Tuff (brown rough coring) & tuff (smooth coring) gr w. (rough 415-421; 424-426) (Smooth 421-424)		
436	Tuff. gr w.		
440	Marker section arg. & tuff. gr w. qtz. strs. inter- bedded little pyrite.	5.0	Trace
443	Mostly tuff gr w. some bedded arg. type gr w.		
450	Tuff type gr w. 9 qtz. threads v.l.m.		
459	Tuff type gr w. some banding few qtz. threads		

END OF HOLE. at 459

Losing water into seam-with danger of freezing bits

Angle

Acid/Tests

Corrected

430 - 57 deg 49°

DIAMOND DRILL RECORDHole No. 25-W
Sheet No. 1Property: Heva Cadillac Gold Mines Ltd.Lat: 4490 NorthDep: 730 EastElev. of Collar 15.4 Feet below No. 2 978.29'Datum: Collar No. 2 Hole.Bearing: SouthDip: 58 degreesStarted: Nov. 7-9th 1945Completed: Nov. 21st, 1945Ultimate Depth: 615 ft.Depth FeetFormation

0 - 33	Casing
68	Altered tuffaceous greywacke micaceous
76	Light grey banded greywacke
85	Lost core.
95	Micaceous altered greywacke.
119	Banded micaceous- slightly amphibolized gr w.
195	Altered gr w. conglomerate slightly amphibolized
230	Banded altered tuffaceous gr w.
277	Compact altered siliceous gr w.
280	Lost core.
282	Altered gr w. 6" crystal quartz
300	Banded gr w. Light and dark
315	Compact gr w.
	UPPER CONTACT CADILLAC SHEAR-
338	Contorted talcose shear
346	Amphibolized gr w.
368	Contorted talcose shear
372	Porphyritic dike.
387	Contorted shear
393	Lost core
396.5	Ground shear buttons.

DIAMOND DRILL RECORD

Hole No. 25-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth feet	Formation	Width	Ounces
432	Compact dark green rock		
482	Contorted talcose shear		
484	Lost core		
486.5	Contorted shear.		
488	Micaceous rock		
499	Contorted talcose shear		
504	Lost core		
520	Contorted talcose shear		
524	Lost core		
526	Contorted amphibolized talcose shear		
	LOWER CONTACT CADILLAC SHEAR		
528	6" of quartz (1 speck visible gold) and sil. altered gr w. quartz threads	2.0	1.66
532.5	Sil. alt. gr w. 6 bedded grey quartz threads little pyrite.	4.5	0.08
535	Mostly quartz and some tuff. gr w. breccia little pyrite.	2.5	0.03
540	Argillaceous siliceous gr w. 2 qtz. strs. little pyrite.	5.0	0.04
545	Altered tuff. gr w. 2 qtz. strs.	5.0	0.06
549	Alt. contorted tuffaceous gr w. 2 qtz. strs.	4.0	0.02

DIAMOND DRILL RECORD

Hole No. 25-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
551	Brecciated gr w. quartz stringers	2.0	0.17
556.5	Tuff. gr w. compact and contorted, pyrite in seams.	5.5	Trace
561.5	Carbonated & siliceous gr w. threadlike seams contorted.	5.0	nil
565	Carbonated cont. gr w. little quartz in fractures	3.5	Trace
570	Carbonated cont. sil. gr w.	5.0	0.02
573	Carbonated sil. gr w.	3.0	nil
580	Compact sil. gr w. few quartz threads	5.0	Trace
585	Banded sil. gr w. few quartz threads -----		
587	Banded sil. gr w. few qtz. threads little py.	2.0	nil
592	Banded sil. gr w. few qtz. threads	5.0	nil
594	Black sil. argillaceous type gr w. 3 qtz. str.	2.0	nil
596	Black sil. gr w. 1 qtz. threads	2.0	Trace
598	Black sil. gr w. 1 foot of qtz. str. & breccia 1 spot of visible gold.	2.0	0.04
601	Bl. sil. gr w. 6 qtz. threads	3.0	nil
605.	Bl. sil. gr w. 4 qtz. thr.	4.0	nil
610	Altered tuffaceous gr w. 4 quartz stringers	5.0	nil
615	Altered tuffaceous - 5 quartz stringers	5.0	nil

END OF HOLE AT 615 ft. Corrected
Acid tests 300 ft. 56 deg. 48°
600 ft. 55 " 47°

DIAMOND DRILL RECORD

Property: Neva Cadillac Gold Mines Ltd.

Lat: 4365 N

Dep: 1110 E

Elev. of Collar 985.65'

Bearing: South

Dip: 50 degrees

Hole No. 26-W

Sheet No. 1

Started: Sept. 3/45

Completed: Sept. 19/45

Ultimate Depth 633 ft.

Proposed Depth 450 ft.

Depth Feet	Formation	Width	Ounces
0 - 69	Casing		
79	Compact tuff. gr w.		
102	Tuff. agglomerate compact next.		
105.5	Altered sil. gr w. arg. type quartz filled very little mineralization.	3.5	nil
113	Compact tuff gr w.		
114.5	Altered siliceous greywacke quartz filled sericitic.	1.5	nil
117	Compact tuff. gr w.		
124	Arg. type gr w. few irregular qtz. thr.		
137	Light grey with olive bands - some cont. micaceous qtz. stringers.		
138.5	Lost core.		
143	Altered grey gr w.		
202.5	Talc. & amphibolized shear Lost core 153-154 169-170, 172-174, 175-200 - 100% recovery		
205	Sil. altered rock - probably piece of diorite.		
210	Contorted talcose shear		
212	Lost core		
220	Talcose shear		
224	Lost core.		

DIAMOND DRILL RECORD

Hole No. 26-W

Sheet No. 2

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
226.5	Cont. talcose shear		
229	Lost core		
238	Talcose amphibolized shear		
239.5	Bl. amphibolized rock, altered diorite.		
266.5	Cont. talc. shear pyrite cubes.		
272	Amphibolized black rock		
288	Sand - and fragments		
300	Amphibolized talcose shear 100% recovery		
315	Mostly lost core. shear short pieces & remnants		
325	Cont. talc. shear amphibolized.		
350	Cont. talc. shear. pyrite clusters.		
351	Amphibolized gr w. pyrite cubes.		
353	Cont. shear		
358	Quartz & some shear gr w. very little mineral some specks of silver grey min.	5.0	0.26
360	Cont. sil. grey gr w. parallel cont. qtz. thr.	2.0	0.04
363	Sil. altered grey tuff. gr w. comp.	3.0	0.02
365	Banded tuff. gr w.	2.0	Trace
375	Compact grey brown tuff. gr w. no stringers		
383	Bedded tuff. gr w. few quartz stringers		
388	Arg. type gr w.		

DIAMOND DRILL RECORDHole No. 26-W
Sheet No. 3Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
392	Bl. gr w.		
393.3	Lost core		
396.2	Bl. tuff. gr w. 7 qtz. $\frac{1}{2}$ " stringers very little mineralization	2.9	nil
397.2	Lost core		
402.5	Tuff. gr w. 13 qtz. thread 1 cont. qtz. str.	5.3	nil
406.5	Tuff. gr w. comp.		
411.5	Light grey gr w. slightly amphibolized		
413	Bedded tuff. gr w. 2 qtz. threads		
421	Tuff gr w. compact		
432	Light grey banded gr w. some light & dark		
440	Tuff gr w.		
464	Fine gr. sil. black qtz. diabase (dyke) Cold contact Olivine crystals		
470	Banded sil. tuffaceous gr w. 11 qtz. threads Little pyrite.	6.02	nil
472	Mud seam		
489	Mostly sil. tuff, gr w.		
500	Sil. tuff & arg. gr w. few quartz threads		
505	Grey brown tuff. gr w. altered Change of gr w. bedding.		

Depth Feet	Formation	Width	Ounces
510	Banded Tuff. gr w. light & dark 10 qtz. thrs. 3 qtz. stringers very little mineral, some pyrite 90 degrees.	5.0	nil
513	Banded tuff. gr w. light & dark - 3 qtz. thr. 1 qtz. stringer.	3.0	nil
521	Banded light & dark tuff. gr w. some bedded qtz. stringers.		
524	Massive tuff. gr w.		
528	Banded tuff. gr w. 3 qtz. thrs		
530	Banded tuff. & argillaceous greywacke 1 qtz. str.		
537.5	Brown & grey tuff. gr w. some banding.		
539.5	Talcose gr w.		
547	Altered grey tuff. gr w. slight amphibolization		
550.5	Talcose gr w.		
554	Siliceous altered greywacke		
601	Fine gray diabase.		
613	Fractured & broken diabase.		
614	Opaque qtz. (pink)		
620	Brokwn & fractured Bl. rock (diabase)		
634	Talcose sheared gr w.		

END OF HOLE

Acid Tests	300 ft. 57 degrees	Corrected 49
	630 ft. 53 "	45°

DIAMOND DRILL RECORD

Property: Heva Cadillac Gold Mines Ltd.
Lat: 4410 North
Dep: 585 East
Elev. of Collar: 12.3 feet below #2 D.D.H.
Datum: #2 D.D.H.
Bearing: South
Dip: 55 degrees

Hole No. 27-W

Sheet No. 1

Started: December 5th, 1945
Completed: December 17th 1945
Ultimate Depth 544 feet.

Depth feet	Formation	Width	Ounces
0 - 33	Casing		
43.5	Grey siliceous greywacke - odd quartz stringers		
47.5	Grey siliceous greywacke - numerous quartz stringers - mostly barren.	4.0	nil
52.5	Same.	5.0	nil
62	Grey siliceous tuffaceous greywacke. - change-		
79	Grey tuffaceous greywacke		
90	Banded grey tuffaceous greywacke		
136	Altered slightly amphibolized grey greywacke		
174	Compact grey greywacke		
180	Chloritized & amphibolized greywacke		
198	Micaceous greywacke		
212	Banded greywacke altered quartz thread.		
242	Compact tuffaceous greywacke banded.		
253	Light grey greywacke		
275	Tuffaceous greywacke banded		
282	Altered phase.		
	UPPER CONTACT CADILLAC SHEAR		
325	Talcoose shear (green)		
337.5	Micaceous siliceous altered shear.		

DIAMOND DRILL RECORDHole No. 27-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
343	Talcoose shear		
349	Micaceous siliceous altered shear		
378.5	Talcoose rock not much sheared		
379.5	Black micaceous		
466	Talcoose shear		
	LOWER CONTACT CADILLAC SHEAR		
470.5	Altered gr w. qtz. str. 1-4" qtz. str. little pyrite.	4.5	0.06
475	Compact tuffaceous greywacke	4.5	0.02
480	Compact tuffaceous greywacke.	5.0	0.01
482.5	Banded tuffaceous greywacke 6 qtz. str. 1 speck visible gold in one stringer	2.5	0.08
485	Banded light & dark greywacke 7 qtz. str. little pyrite.	2.5	0.06
490	Banded tuffaceous & argillaceous greywacke light & dark 10 qtz. str. little pyrite	5.0	0.02
495	Banded light & dark tuffaceous greywacke 11 qtz threads.	5.0	0.02
496.5	Tuffaceous greywacke		
498	Lost core		
503	Banded tuff. gr w. 13 qtz. thr.		

DIAMOND DRILL RECORD

Hole No. 27-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
508	Tuff gr w. 13 qtz. thr.	5.0	nil
513	Tuff gr w. 19 qtz. threads	5.0	trace
516.5	Tuff. gr w. 12 qtz. thrs.	3.5	nil
518	Lost core		
524	Black siliceous gr w. arg. type 9 qtz. thr. pyrite.	6.0	nil
530.5	Tuff compact gr w.		
532	Tuff. grw. 3 qtz. str. little pyrite.	1.5	nil
534.5	Tuff. gr w. 1-6" white opaque qtz.	2.5	nil
537.5	Comp. tuff. gr w.		
543	Altered gr w. tuff. 15 qtz. str.	5.5	nil
544	Tuff. gr w.		

END OF Hole. 544 ft.

ACID angle tests 260 ft. 52 degrees.
490 ft. 53 degrees

Corrected:

44°
45°

DIAMOND DRILL RECORD

Hole No. 28-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 43° 65' N.

Dep: 1030 E

Elev. of Collar: 984.86'

Bearing: South

Dip: 55 degrees

Started: Oct 4/45

Completed Oct 16/45

Ultimate Depth 657 feet.

Depth Feet	Formation
0 - 57	Casing
68	Altered tuff. gr w.
68.5	Quartz
71	Contorted altered greywacke quartz filled
91.5	Altered contorted tuff. gr w.
103	Sil. tuff. gr w.
112	Coarse gr. tuff. gr w.
126	Sil. altered tuff. gr w.
143	Sil. tuff. gr w.
	UPPER CONTACT CADILLAC SHEAR
144	Amphibolized talcose shear
149	Lost core
156	Contorted talcose shear
159	Lost core
171	Contorted talcose shear
174	Lost core
176	Massive amphibolized gr w. slightly talcose
179	Lost core
181	Contorted talcose shear
183	Lost core
203	Talcose & amphibolized shear.

DIAMOND DRILL RECORD

Hole No. 28-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation
205	Lost core
214	Contorted Talcose shear - about 50% Lost
268	Contorted talcose shear amphibolized
275	Talcose shear
284	Talcose contorted shear
288	Amphibolized talcose grs.
294	Talcose shear
296	Lost core Mud.
315.5	Talcose shear about 50% lost
319.5	Black sil. micaceous rock pyrite.
351.5	Talcose contorted shear
353	Lost core
354	Contorted talcose shear
355	Lost core
357	Talcose shear contorted
358	Amphibolized talcose gr w.
359	Contorted talcose shear
360	Lost core.
360.5	Contorted talcose shear
361	Lost core - mud.
361.5	Mud & cont. talc.

DIAMOND DRILL RECORD

Hole No. 28-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
	- LOWER CONTACT CADILLIAC SHEAR -		
364	Amphibolized gr w. some quartz - fine pyrite possible V.G.	2.5	1.15
367	Fractured & brecciated brown gr w. quartz filled fine pyrite.	3.0	0.02
370.5	Fractured sil. brown gr w. quartz str.	3.5	0.01
374.3	Banded tuff. gr w. no qtz. threads	3.8	0.02
376.5	Banded arg. & tuff 4 qtz. thr. 1 cont. str. little pyrite.	2.2	0.05
379.5	Brown tuff. gr w. 3 qtz. str. fine pyrite	3.0	0.01
382	Banded arg. gr w. sil. 3 cont. qtz. str.	2.5	0.16
387	Sil. arg. & tuff. gr w. no str.	5.0	nil
391	Sil. fractured gr w. 3 qtz. str.	4.0	nil
396	Sil. gr w. 4 cont. qtz. str.	5.0	nil
400	Sil. banded arg. gr w. cont. qtz. threads	4.0	Trace
405	Sil. banded gr w. 6 qtz. threads - 2 qtz. str.	5.0	nil
410	Sil. black gr w. cont. 9 qtz. thr.	5.0	0.02
420	Black sil. gr w. mostly compact	4.0	0.02
425	Black sil. gr w. 7 qtz. threads		
428	Core ground - sil. bl. gr w.		
431	Black sil. gr w. 5 qtz. thr. 1 qtz. str.	3.0	nil

DIAMOND DRILL RECORD

Hole No. 28-W
Sheet No. 4

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
435	Sil. tuff. grw. 21 qtz. thr. 2 qtz. str. very little mineralization	2.0	nil
441	Sil. banded tuff. grw. 28 qtz. thr. 2 qtz. str. little pyrite.	6.0	nil
445	Sil. black grw. tuff.		
449	Tuff. grey brown grw. compact		
450	Opaque white quartz & grw. fractured		
454	Banded tuff. gr w. 1 qtz. str.		
462	Sil. gr gr w. argillaceous type		
465.5	Sil. gr w. fractured & qtz. stringers.		
475	Banded & compact tuff. gr w.		
525	Banded tuff. gr w. numerous qtz. str. cont. Barren micaceous (most banding 515-525)		
530.5	Band tuff. gr w. closely banded 525-527		
536	Talcose gr w. contorted		
538.5	Amphibolized gr w. talcose		
541	Tuff. gr w. contorted qtz. filled micaceous		
548	Banded & compact tuff. gr w.		
550	Closely bedded light & dark gr w.		
570	Compact tuff. gr w. brown & short sections of closely bedded light & dark coloured gr w.		

DIAMOND DRILL RECORD

Hole No. 28-W
Sheet No. 5

Property: Heva Cadillac Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>
	Change of Greywacke
576	Sil. bedded gr w.
582	Brown tuff. gr w.
	- CONTACT -
584	Amphibolized gr w.
592	Talcose grw. amphibolized
597	Evidence of gr w. conglomerate altered amphib. talcose.
616	Talcose cont. grw. shear
626	Amphibolized grw. conglomerate talcose
657	Amphibolized grw. & grw. conglomerate talcose

END OF HOLE 657 FT.

Acid Tests	300 ft. 50 deg	Corrected:
	650 ft. 55 dg	51
		470

DIAMOND DRILL RECORD

Property: Heva Cadillac Gold Mines Ltd.

Lat: 44°10' North

Dep: 435 East

Elev. of Collar 985.02'

Dip: 55 degrees

Hole No. 29-W

Sheet No. 1

Started: December 18th 1945

Completed January 10th, 1946

Ultimate Depth 721 feet.

Depth Feet	Formation	Width	Ounces
0 - 43	Casing		
52	Altered rock		
222	Speckled grey greywacke - amphibolized at 122- 124		
254	Grey greywacke		
255	Breccia		
267	Carbonated banded greywacke		
268.5	Quartz - little pyrite - micaceous		
275	Carbonate grey greywacke		
300	Poor recovery - altered greywacke		
331	Altered greywacke banded grey		
	UPPER CONTACT - CADILLAC SHEAR		
393	100% recovery - talc shear		
298.5	Lamprophyre dyke		
421.5	Talc shear		
425	Lost core (ground)		
452	Talc shear 100% recovery		
456	Heavy shear - some mud		
457.5	Lamp. dyke.		
489	Talc shear		
492	Micaceous amphibolized greywacke - qtz. thread	3.0	Trace

DIAMOND DRILL RECORD

Hole No. 29-W
Sheet No. 2

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
- LOWER CONTACT - CADILLAC SHEAR-			
495	Black argillaceous type gr w. 6 qtz. str. little pyrite.	3.0	0.05
500	Tuff. gr w. 4 qtz. str. threads	5.0	0.02
506	Tuff. gr w.		
522	Considerable lost core mostly black arg. type grw. few qtz. str. 507- 508.5	1.5	0.07
527	Sil. black tuff. gr w. few qtz. threads	5.0	nil
532	Sil. black tuff. gr w. 11 qtz. threads	5.0	nil
540	Sil. black gr w. arg. type.		
561.5	Compact tuff. gr w.		
566.5	Banded arg. & tuff. gr w. 8 qtz. str. little py.	5.0	0.05
571.5	Banded arg. & tuff. gr w. 1 qtz. str. 5 qtz. thr.	5.0	0.04
575	Banded arg. and tuff. gr w. 6 qtz. threads	3.5	0.03
579.5	Compact tuffaceous greywacke		
582.5	Bedded light and dark greywacke	3.0	Trace
587.5	Mostly compact tuffaceous grw.		
592.5	Mostly compact tuff. grw. few quartz str. micaceous.	5.0	nil
596	Mostly compact tuffaceous grw. few qtz. str.	3.5	Trace
600	Banded tuff. gr w. 1 qtz. str. 3" - 12 qtz. thr.	4.0	Trace

DIAMOND DRILL RECORD

Hole No. 29-W

Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

<u>Denth Feet</u>	<u>Formation</u>	<u>Width</u>	<u>Ounces</u>
604	Fragmental tuffaceous	4.0	0.03
606.5	Chl. talcose gr w. quartz filled	2.5	Trace
611	Talcose shear		
615	Banded grew. few micaceous quartz threads	4.0	nil
619	Mostly compact gr w.		
624	Banded gr w. 2 qtz. str. micaceous	5.0	nil
629	Banded tuff. gr w. numerous qtz. str. & thr.	5.0	nil
645	Mostly tuff. gr w.		
657	Slightly amphibolized gr w.		
667	Amphibolized gr w. conglomerate		
673	Talcose grw.		
695	Amphibolized gr w. conglomerate		
704	Purplish grey bedded flinty gr w.		
721	Chloritic gr w.		

END OF HOLE. 721 feet.

Corrected:

Acid Tests 250 feet 55 deg. 47°
500 feet 55 deg 47°

DIAMOND DRILL RECORDHole No. 30-W
Sheet No. 1Property: Hevea Cadillac Gold Mines Ltd.
Lat: 4365 N
Dep: 960 E
Bearing: South
Dip: 50 degreesStarted: Oct 18
Completed Oct 24,
Ultimate Depth 419 feet.

<u>Depth Feet</u>	<u>Formation</u>
0 - 58	Casing
80	Tuff. gr w. altered
125	Altered sil. tuff. greywacke bedded - numerous quartz stringers, & threads - some light and dark bands.
142	Sil. tuff. grw. some bedding
154	Black sil. gr w. - UPPER CONTACT - CADILLAC SHEAR -
224	Chl. talcose shear contorted 100% recovery
261	Contorted talcose shear - 100% recovery
265.5	Amphibolized talcose shear
327	Contorted talcose shear - 100% recovery
334	Black sheared rock (dyke) qtz. grabbro? or (diabase)
341	Contorted talcose shear
344	Lost core
345	Remnants (mud)
346	Lost core
354	Lost core
354	Contorted talcose shear
355	Lost core
359	Mostly lost core

DIAMOND DRILL RECORD

Hole No. 30-W
Sheet No. 2

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
363.8	Contorted talcose shear- mud seam at contact - LOWER CONTACT - CADILLAC SHEAR -		
366.5	Quartz 1.2 ft. and contorted gr w. qtz. filled fine pyrite.	2.7	0.46
369	Contorted and banded gr w. altered & qtz. filled fine pyrite 1 speck V.G.	2.5	0.60
370.5	Banded tuff. gr w. few quartz threads	1.5	0.02
372	Lost core		
376	Mostly compact tuff. gr w. 3 qtz. threads 6" of quartz stringers, very little mineralization	4.0	0.01
401	Compact tuff. grw. brown		
406	Sil. tuff. grw. few qtz. threads	5.0	nil
411	Compact tuff. grw. some bedded. few qtz. threads	5.0	nil
413.5	Compact tuff. gr w.		
419	Bl. sil. gr w. some contorted quartz stringers very little mineralization	5.5	nil

END OF HOLE 419 ft.

Acid Tests 200 ft. - 54 degrees
400 ft. 56 "

Corrected:

46°
48°

DIAMOND DRILL RECORDHole No. 31-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 4210 N

Dep: 435 E

Elev. of Collar 985.02'

Bearing: South

Dip: 55 degrees

Started: January 14th, 1946
Completed: January 30th 1946
Ultimate Depth 531 feet.

Depth Feet	Formation
- 53	Casing
54.	Micaceous amphibolized greywacke
58.5	Brown micaceous greywacke
65.5	Light grey sheared greywacke
68.5	Lost core
70	Brokwn remnants greywacke
72	Lost core
73	Remnants nodules
78	Mostly lost core
110	Grey greywacke fractured and brokwn - consider- able lost core.
124	Sand and grit.
127.5	Grey greywacke
	- Upper contact - Cadillac shear -
207.5	Contorted talcose shear
211	Micaceous lamp dyke some quartz filling coarse pyrite.
275	Contorted talcose shear 100% recovery
290	Contorted shear
292	Lost core.

DIAMOND DRILL RECORD

Hole No. 31-W
Sheet No. 2

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
308	Zone of movement - Brecciated and talcose shear - LOWER CONTACT - CADILLAC SHEAR-		
310	Contact section - quartz filled shear and black greywacke	2.0	nil
315	Black & grey greywacke 6 quartz threads - very little mineralization	5.0	Trace
320	Banded tuffaceous greywacke few threads	5.0	Trace
323.5	Banded light and dark	3.5	0.03
325	Black greywacke quartz thread and 1 fractured quartz stringer - 1 speck visible gold	1.5	0.05
328	Black greywacke no stringers	3.0	0.01
332.5	Black greywacke 6" of quartz filling little pyrite.	4.5	0.06
337.5	Black argillaceous type greywacke 8 qtz. threads	5.0	0.08
342.5	Black argillaceous type greywacke 3 qtz. str. thr.	5.0	0.15
350	Black greywacke 7 qtz. threads	7.5	nil
352.5	Lost core		
371	Banded greywacke		
380	Bedded light and dark		
385	Mostly compact tuffaceous greywacke		
390	Bedded light and dark.		

DIAMOND DRILL RECORD

Hole No. 31-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

<u>Depth Feet</u>	<u>Formation</u>	<u>Width</u>	<u>Ounces</u>
395	Mostly compact tuffaceous greywacke		
400	Bedded greywacke - 1 foot lost core		
425	Mostly compact tuff - some banded		
429	Black greywacke - few quartz threads	4.0	nil
	- CONTACT -		
439	Bedded TUFF fragmental		
445	Altered greywacke slight amphib. - qtz. strcs.	6.0	nil
	Little pyrite.		
448	Lost core		
465	Bedded greywacke 90 degrees		
470	Bedded greywacke few quartz threads	5.0	nil
474	Amphibolized greywacke		
477	Lost core		
487	Talcose sub. shear		
531	Micaceous greywacke conglomerate		

END OF HOLE.

Acod Angle Tests 400 ft. 56 degrees

Corrected:
47°

DIAMOND DRILL RECORD

Hole No. 32-W

Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 42°55' North

Dep: 885 East

Elev. of Collar: 10 ft. approx. lower than No. 2
984.51'

Started: July 7th 1945

Completed: July 14th 1945

Ultimate Depth 422 Feet.

Bearing: South

Dip: 51 degrees

Depth Feet	Formation	Width	Ounces
0 - 50	Casing		
75	Massive Tuff gr w.		
87.5	Same START of shear		
175	Talcosse gr w. 100% recovery not much schisting		
198	Talc shear 2 to 3" blocks 95% recovery		
202	Amphibolized gr w. siliceous		
250	Contorted shear		
275	" "		
285	Contorted shear more intense shearing		
286.5	Lost core		
287	Amphibolized gr w. CONTACT no appreciable quartz		
290	Tuff gr w. qtz. stringers at contact Speck of visible gold very little mineralization	3.0	0.06
295	Tuff gr w. few qtz. stringers threads	5.0	0.02
300	Tuffaceous gr w.	5.0	nil
302.5	Tuffaceous gr w. few qtz. threads little bedding	2.5	tr
305.5	Tuffaceous gr w.	2.5	tr
306	Quartz no mineral	0.5	tr
310	Bedded tuff. gr w. 9 qtz. threads 1 qtz. stringer micaceous little pyrite	4.0	Tr
313	Bedded tuff gr w.	3.0	nil

DIAMOND DRILL RECORD

Hole No. 32-W

Sheet No. 2

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
313.5	Mud seam ??		
316.5	Contorted ar. & tuff. gr w. qtz. stringers specks of pyrite. chalcopryite, pyrrhotite	3.0	nil
362	Tuff gr w. massive 1-3" qtz. str. at 322 little min		
365.5	Tuff and fractured gr w. some pyrite in stringers at 365		
366.5	Lost core		
367.2	Buttons black tuff gr w.		
369	Lost core		
389	Bedded tuff gr w.		
391	Smooth coring banded tuff and arg. gr w. 13 intruded qtz. threads little pyrite	5.0	nil
396	Arg. type gr w. qtz. threads contact section between beds.	2.0	nil
401	Banded arg. & tuff gr w.	5.0	Trace
405.5	Bedded tuff and arg. gr w. bedded qtz. str		
406	Lost core		
407.5	Arg. & tuff bedded gr w. blocky		
408.5	Lost core		
410	Tuff gr w. 1 qtz. str. micaceous		
412	Lost core mud seam gouge fragments talcose		
422	Bedded tuff gr w. bedded qtz. str end of Hole. Acid Angle Test at 300 feet 55 degrees Corrected:		

478

DIAMOND DRILL RECORD

Hole No. 33-W

Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 4615 N.

Dep: 1035 E

Elev. of Collar: 987.47'

Bearing: South

Dip: 65 Degrees

Started:

Completed: Feb 27th 1946

Ultimate Depth 828 feet

Depth Feet	Formation
0 - 56	Casing - 3 feet standpipe core.
213	Light grey greywacke
	- Change of Greywacke Bedding -
240	Micaceous slightly amphibolized greywacke
277	Grey greywacke
278.5	White barren quartz
312	Grey greywacke banded.
316	Breccia recemented (FAULT)
360	Altered greywacke agglomerate
375	Grey greywacke banded
420	Grey greywacke
	- UPPER CONTACT CADILLAC SHEAR -
446	Pale green grey talc shear
455.5	Typical talc shear
460	Lamprophyre dyke
515	Talc shear 100% recovery
516.5	Lamprophyre dyke
517.5	Shear
519	Lamprophyre dyke
530	Talc shear
535	Intense shear

DIAMOND DRILL RECORD

Hole No. 33

Sheet No. 2

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
643	Talc shear		
548	Lost core		
550	Talc shear		
594	Amphibolized talc shear		
598	Lamp dykes and quartz		
617	Amphibolized talc shear		
	-LOWER CONTACT - CADILLAC SHEAR-		
619.5	50% quartz - blue Tourmaline slight min., arg. type greywacke	2.5	0.09
621.5	Arg. type greywacke banded	2.0	0.06
625	40% quartz stringers fine pyrite arg. type grw.	3.5	0.03
630	Tuff. & arg. greywacke banded	5.0	0.02
635	Tuff & arg. greywacke few qtz. stringers	5.0	0.01
645	Tuff. greywacke banded		
650	Tuff. gr w. 23 qtz. thr.	5.0	Trace
655	" " 15 qtz. "	5.0	0.09
657	Tuff gr w 1-3" qtz. str	2.0	0.55
660	Tuff gr w. 6 qtz. str. thr	3.0	0.03
671	Tuff gr w. scattered qtz. str. thr.		
	- Change of Bedding-		
692	Sil. gr w. light & dark bedding 683 - 686		

DIAMOND DRILL RECORD

Hole No. 33
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
707	Coarse grained brown gr w. banded		
722.5	Bedded tuff. arg. gr w. 90 degrees		
725	Bedded gr w. 3 qtz. str.	2.5	Trace
760	Bedded tuff. gr w. 90 degrees		
763	Arg. type gr w. 12 qtz. bedded qtz. thr.	3.0	Trace
767	Tuff gr w. bedded 10 bedded qtz. thr	4.0	0.01
770.5	Bedded tuff and arg. gr w		
771	Calcite talc seam		
785	Tuff gr w.		
789	Mostly lost core - remnants of amphibolized grw.		
808.5	Tuff gr w.		
823	Talc shear		
	subsiduary		
828	Amphibolized talc shear.		
	- END OF HOLE-		

			Corrected
Angle acid tests	200 feet	63 degrees	56°
	400 feet	55 degrees	47°
	600 feet	57 Degrees	50°
	800 feet	54 Degrees	46°

DIAMOND DRILL RECORD

Hole No. 34-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 4615 N

Dep: 885 E

Elevation of Collar 986.15'

Bearing: South

Dip: 70 degrees

Started: March 2, 1946

Completed: March 18th 1946

Ultimate Depth 812 feet.

Depth Feet

Formation

61	Casing
75	Tuffaceous greywacke micaceous
101	Blue gray tuffaceous greywacke
200	Speckled tuffaceous greywacke
227	Banded speckled tuffaceous greywacke
282	Altered green grey tuffaceous greywacke
289	Altered siliceous greywacke
304	Somewhat amphibolized greywacke micaceous
324	Altered siliceous micaceous greywacke
347	Micaceous grey brown banded greywacke
355	Black siliceous greywacke
408	Banded grey greywacke
465	Greywacke agglomerate
475	Tuffaceous greywacke
489	Contorted greywacke altered
	- UPPER CONTACT CADILLAC SHEAR
507	Contorted talcose shear
511	Lost core
633	100% recovery talcose shear
636	Some evidence of lampropyre dyke
667.5	Shear 100%

DIAMOND DRILL RECORD

Hole No. 34-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
678	Lamprophyre		
682	Shear		
683	Lost core		
686	Talcose shear amphibolized		
694.5	Talcose shear fair recovery		
	- FOOTWALL OR SOUTH CONTACT CADILLIAC SHEAR-		
697.5	Tuffaceous grey acke slightly amphibolized quartz filled 1-6": 1-4": 1-2" Qtz. sect. Little pyrite and chalco.	3.0	0.76
700	Bedded tuffaceous greywacke 5 qtz. threads	2.5	0.02
705	Bedded light & dark 9 qtz. bedded stringers very little mineralization	5.0	0.01
707	Tuffaceous greywacke bedded 1 qtz. str.	2.0	0.01
713	Tuffaceous greywacke	6.0	0.06
717	Light and dark bedded no quartz stringers	4.0	0.05
719	Tuffaceous greywacke 2 quartz threads	2.0	0.02
722	Fractured tuffaceous greywacke 4- qtz. thr. 1 foot qtz. breccia	3.0	0.07
726	Bedded tuffaceous greywacke 10 qtz. thr.	4.0	0.01
762	Mostly tuff gr w. 740-743 bedded light & dark 745-755 - black sil. 758.5-762 - mostly Lost core probable sand seam.		

DIAMOND DRILL RECORD

Hole No. 34-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
768	Bedded tuffaceous greywacke 10 qtz. str. & thr. bedded	6.0	0.01
769	Bedded tuffaceous greywacke		
771	Lost core fragments		
772	Greywacke fragments		
773	Lost core		
774	Tuffaceous greywacke		
775	Lost core		
775.5	Sil. micaceous gr w. few qtz. threads		
776.5	Lost core		
777.5	Remnants greywacke		
780	Bedded micaceous gr w 8 bedded qtz. str.	2.5	nil
781.5	Tuffaceous micaceous grew compact	3.0	Nil
784.5	Lost core and broken core black argillaceous		
787	Micaceous Bl. and arg. greywacke		
792	Black arg. grew 7 qtz. thr.	5.0	nil
796.5	Bl. arg. greywacke 1 qtz. str.	4.5	nil
798	Bl Arg. type grw.		
800	Lost core		
806	Talc. shear		
812	Arg. type gr w.		

DIAMOND DRILL RECORD

Hole No. 34-W
Sheet No. 4Property: Heva Cadillac Gold Mines Ltd.

Depth Feet

Formation

END OF HOLE

Acid Angle Tests	200 feet	- 74 degrees	Corrected
	300 feet	74 "	70°
	400 "	70 "	70°
	600 "	66 "	65°
	800 "	64 "	60°
			57° 30'

DIAMOND DRILL RECORDHole No. 35-W
Sheet No. 1Property: Heva Cadillac Gold Mines Ltd.Lat: 4590 NorthDep: 735 EastElev. of Collar 978.23'Bearing: SouthDip: 70 degreesStarted: March 20th 1946Completed: April 6th 1946Ultimate Depth 875 FeetDepth FeetFormation

0 - 43	Casing
155	Speckled tuffaceous greywacke part banded
291	Banded speckled greywacke tuffaceous
307	Altered rock? compact
331	Siliceous somewhat amphibolized amphibolized greywacke
344	Brown micaceous greywacke
380	Banded tuffaceous greywacke
447	Banded greywacke agglomerate
461.5	Altered Bl. siliceous greywacke
	UPPER CONTACT CADILLAC SHEAR-
495	100% recovery talcose shear
504	Basic altered rock - black dyke
573.5	Contorted talcose shear 100% recovery
589	Basic altered black rock
656	Micaceous talcose shear 100% recovery
660	Heavy shear mud - talcose
	LOWER CONTACT
667	Micaceous shear talcose
671	Black micaceous amphibolized section sheared
692	Well sheared talcose
693	Mud.
700	Bluish talcose shear contorted

DIAMOND DRILL RECORD

Hole No. 35-W
Sheet No. 2

Property: Heva Cadillac Gold Mines Limited

<u>Depth Feet</u>	<u>Formation</u>	<u>Width</u>	<u>Ounces</u>
701.5	Lost core		
702.5	Altered talcose shear		
	FOOTWALL - CADILLAC SHEAR		
706.5	White quartz & fractured gr w. some talc sericite well mineralized V.G. silver grey molybdenite		
710.5	Fractured qtz. & brown greywacke v.l.m. no V.G. seen	4.0	0.10
717	Fractured & brecciated carb. altered gr w. qtz. filled qtz. str. pyrrhotite & pyrite - 2 specks V.G. noted	6.5	0.05
721	Bedded tuffaceous & argillaceous grw. few qtz. threads little pyrite.	4.0	0.03
725	Finely fractured carb. gr w. fine qtz. thr. fresh	4.0	nil
731	Same	6.0	Trace
740	Bl. sil. argillaceous type grw. few qtz. thr.	9.0	0.04
747	Banded tuff. & arg. 8 qtz. thr. & 1 str. fine pyrite.	7.0	0.14
751	Tuffaceous greywacke	4.0	nil
768.5	Banded tuff gr w. occasional qtz. str. thread		
	751-757	6.0	nil
	757 763.5	6.5	nil

DIAMOND DRILL RECORDHole No. 35-W
Sheet No. 3Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
768.5	763.5 - 768.5 14 qtz. thr. str.	5.0	nil
771	Talcose shear		
780	Bedded & banded tuffaceous greywacke		
783.5	Tuffaceous greywacke compact		
786.5	Finely banded light and dark gr w.		
790	Bedded tuffaceous greywacke		
793.5	Lost core		
800	Banded tuffaceous gr w. some bedded light & dark		
830	Talcose & amphibolized sub. shear from 819 - 821.5 Grey porphyritic sect. from 821.5-830 considerable qtz. no mineral.	8.5	Trace
858	Porphyritic alt. quartz diorite from 842-847 qtz. str. fine py.	5.0	nil
	from 847-852 fine pyrite	5.0	nil
	from 852-856 Fine pyrite & chalco	4.0	nil
861	Bedded gr w. altered		
863	Amphibolite		
867.5	Aplite & amphibolite		
875	Amphibolized gr w. shear.		

DIAMOND DRILL RECORD

Hole No. 35-W
Sheet No. 4

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet

Formation

END OF HOLE

		Corrected
Acid Angle Tests	300 ft. -- 66 degrees	60°
	500 ft. 65 degrees	59° 30'
	700 ft 66 deg	60°
	870 ft 66 deg	60°

DIAMOND DRILL RECORDHole No. 36-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.

Lat: 45°35' North

Dep: 585 East

Elev. of Collar 988.01

Bearing: South

Dip: 70 degrees

Started: April 10th, 1946
Completed: April 29th, 1946
Ultimate Depth 785 Feet

Depth Feet	Formation	Width	Ounces
0 - 35	Casing		
70	Altered speckled greywacke		Core in Boxes
109	Altered grey greywacke		from 75'-150'
110	Barren quartz		unreliable
155	Siliceous and carbonated grey greywacke		spilled in Trans't
169	Siliceous altered greywacke - some lost core		
197	Banded & bedded speckled greywacke		
284	Siliceous speckled grey greywacke banded		
290	Mostly lost core siliceous greywacke remnants		
307	Coarse grey rough coring greywacke		
340	Altered siliceous banded greywacke core		
	Broken in part		
396.5	Brown coarse grey greywacke compact and banded altered		
400	Highly altered section amphibolized micaceous		
423	Altered siliceous greywacke		
455	Altered bedded greywacke agglomerate micaceous		
493	Siliceous altered greywacke tuffaceous - UPPER CONTACT, CADILLAC SHEAR -		
500	Intense shear- talcose mud		
630	Compact talcose shear - micaceous - lamp dyke at 546-547		

DIAMOND DRILL RECORDHole No. 36-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
634	Lamp dyke		
657	Talcoose micaceous shear		
665	Remnants and lost core		
697	Talcoose shear		
708.5	Greenish talcoose chloritic sand 6" at 702 -- LOWER CONTACT CADILLAC SHEAR--		
713	1" of quartz) Siliceous sheared greywacke V.G. 8" of quartz) Br. greywacke	4.5	0.08
720	Compact tuffaceous greywacke		
726.5	Compact tuffaceous greywacke 3" quartz 14 qtz. str. thr.	6.5	0.04
730	Mostly compact greywacke	3.5	0.02
732.5	Tuffaceous greywacke little banding 6 qtz. str. thr.	2.5	0.08
736	Banded tuffaceous greywacke	3.5	0.04
739	Banded tuffaceous greywacke fine quartz thr.	3.0	0.04
745	Argillaceous & tuffaceous greywacke banded qtz. thread & irregular qtz. str.	6.0	0.06
750	Banded tuffaceous greywacke 10 qtz. str. thr.	5.0	0.10
765	Banded & compact tuffaceous greywacke		
772.5	Arg. & tuffaceous greywacke banded bedded 16 qtz. str. thr. bedded.	7.5	0.05

DIAMOND DRILL RECORDHole No. 36-W
Sheet No. 3Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
778	Tuff & arg. banded greywacke 8 qtz. &hr.	5.5	0.03
780.5	Broken core and talcose shear		
785	Bedded arg. & tuff greywacke		

END OF HOLE

Acid Angle Tests		Corrected:
300 feet	- 68 deg	62 ¹⁰
500 feet	71 degrees	66 ⁰
785 feet	71 degrees	66 ⁰

DIAMOND DRILL RECORDHole No. 37-W
Sheet No. 1Property: Heva Cadillac Gold Mines Ltd.

Lat: 45°35' North

Dep: 435 East

Elev. of Collar: 993.63'

Bearing South

Dip: 70 degrees

Started: May 1st 1946

Completed: May 17th 1946

Ultimate Depth 804

Depth Feet	Formation
0 - 36.5	Casing
55	Speckled grey greywacke
92	Altered speckled greywacke
177	Speckled grey greywacke
197.5	Grey tuffaceous greywacke
205	Lost core remnants of breccia greywacke qtz. carb filled.
215	Grey speckled greywacke
226.5	Highly altered micaceous greywacke
242.5	Speckled greywacke grey
251	Altered greywacke
300	Speckled greywacke grey
320	Contorted grey greywacke
332	Contorted slate grey greywacke
381	Altered tuffaceous greywacke amphibolized in section
385	Compact tuffaceous greywacke
408	Somewhat banded tuffaceous greywacke
426.5	Bedded and banded light & dark greywacke
470	Fractured and altered greywacke - UPPER CONTACT - CADILLAC SH.

DIAMOND DRILL RECORD

Hole No. ³¹~~25~~-W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
502	Contorted mic. talcose shear		
506	Black lamprophyre dyke		
515	Broken core fairly heavy shear		
548	Talcose contorted shear 100% recovery		
550.5	Lamp. dyke		
555.6	Altered quartz diorite?		
557	Tourmaline qtz. breccia some pyrite	1.4	nil
571.5	Altered fractured greywacke talcose from 564 on		
587	Basic alt. (qtz diorite - diabase)		
592.5	Black compact quartz diabase		
604	Quartz feldspar porphyry altered		
627	Contorted talcose shear		
631.5	Black altered rock		
637	Lost core		
644	Talcose shear		
646.5	Black altered rock		
663.3	Sericite talcose shear		
	LOWER CONTACT CADILLAC SHEAR		
668	1.5 ft. of brown gr w. qtz. filled little py. and balance light & dark bedded gr w. some qtz. strs carbonated.	4.7	0.04

DIAMOND DRILL RECORD

Hole No. ³⁴~~38~~-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
688	Mostly compact tuff. gr w. banded in part		
693	6" qtz. and light & dark bedded gr w. 5 qtz. strs	5.0	Trace
696	Compact tuffaceous greywacke		
698.5	Lost core		
703	Altered gr w. and contorted gr w. very little qtz.	4.5	0.05
705.5	Lost core		
713	Tuffaceous greywacke		
720	Argillaceous bedded grew few qtz. thr.	7.0	Trace
721.5	Fractured argillaceous greywacke		
726	Lost core		
742.5	Banded & bedded tuff gr w.		
745	Lost core		
748	Talcose shear		
787	Banded tuff. greywacke agglomerate from 775		
804	Sub. shear micaceous & talc. shear sheared grw. conglomerate from 801. om. END OF HOLE.		
	Acid Tests 150 feet 68 deg. 62.5		
	300 60 53		
	500 61 54		
	700 60 53		
	800 56 52		

DIAMOND DRILL RECORDHole No. ³¹~~29~~-W
Sheet No. 1

Property: Heva Cadillac Gold Mines Ltd.
Lat: 4650 N
Dep: 1783 E
Elev. of Collar 971.75'
Bearing: South
Dip: 65 Degrees

Started: May 21st, 1946
Completed: June 5th 1946
Ultimate Depth 795 feet

Depth Feet	Formation
0 - 30	Casing
146	Tuffaceous greywacke compact black siliceous
165	Banded tuffaceous greywacke evidence of conglomerate
166.5	Irregular quartz filling bedding contact
184	Siliceous altered greywacke
212	Banded and bedded tuffaceous greywacke
240	Compact and banded tuffaceous greywacke
250	Sil. smooth coring altered greywacke some qtz. str.
300	Altered banded tuffaceous greywacke
391	Altered banded tuffaceous greywacke slightly amphibolized evidence of conglomerate
400	Bedded and banded tuffaceous greywacke core broken
430	Tuffaceous greywacke
440	Bedded light and dark
470	Altered siliceous greywacke UPPER CONTACT CADILLAC SHEAR
512	Contorted talcose shear 100%
515	Lamp. dyke.

DIAMOND DRILL RECORD

Hole No. 39-W
Sheet No. 2

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
522	Sand and intense shear		
537	Contorted talcose shear		
539.5	Lamp dyke		
637	Contorted talcose shear		
	Lost core 551-559		
	561-564		
	580-583		
	600-602		
	615-620		
	Some irregular quartz from 626.5-634	7.5	0.04
	FOOTWALL - CADILLAC SHEAR -		
667.5	Banded and bedded tuffaceous greywacke qtz. thr.		
	637-640 4 qtz. thr. str.	3.0	0.01
	640-645 8 " "	5.0	0.03
	645-650 8 " "	5.0	0.02
	650-660 4 " "	10.0	0.03
	660-667.5	7.5	0.05
682.5	Contorted banded greywacke		
	667.5-672.5 8 qtz thr. & 6" irreg. qtz.	5.0	
	672.5-677.5 3 " " " "	5.0	Trace
	677.5-682.5 4 qtz str.	5.0	0.01

DIAMOND DRILL RECORD

Hole No. 39-W
Sheet No. 3

Property: Heva Cadillac Gold Mine Ltd.

Depth Feet	Formation	Width	Ounces
700	Mostly banded tuffaceous greywacke		
	682.5-690	7.5	0.02
	690-700	10.0	0.02
725	Banded abd bedded tuffaceous greywacke qtz. strs		
	700-705	5.0	0.04
	705-710 (See Bottom Recheck)	5.0	0.08
	710-720	10.0	0.38
	720-725	5.0	0.03
737.5	Compact greywacke banded tuffaceous		
741	Tuffaceous contorted grw. 6" qtz.	3.5	0.11
753.5	Contorted tuffaceous grw irreg. qtz. cont. strs.	12.5	0.02
758	Contorted tuffaceous greywacke 6" of qtz.	4.5	0.02
760)		2.0	0.01
765)	High percentage of irregular qtz. & cont.	5.0	0.02
770)	Brecc. gr w. all one section	5.0	0.02
775)		5.0	0.02
780)	Mostly cont. light & dark gr w. & qtz. strs.	5.0	0.02
782)		2.0	0.02
795	Micaceous talcose sheared greywacke cubular pyrite.		
	END OF HOLE.		
	Acid Angle Tests 300 ft 59 deg		
	500 53		
	700 57		

Recheck on Sampling of 1/4 split core

From	To	Sample No.	Width of Sample	Gold ozs.
700	705	760	5.0	0.05
705	710	761	5.0	0.08
710	715	762	5.0	0.17
715	720	763	5.0	0.32
720	725	764	5.0	0.06

DIAMOND DRILL RECORDHole No. 40-W
Sheet No. 1Property: Heva Cadillac Gold Mines Ltd.
Lat: 4630 North
Dep: 1930 East
Bearing South
Dip: 65 degreesStarted: June 7th 1946
Completed: June 20th 1946
Ultimate Depth 702 feet

Depth Feet	Formation	Width	Ounces
0 - 32	Casing		
111.5	Slightly amphibolized banded tuff. gr w.		
114	50% quartz stringers	2.5	nil
120	Altered amphibolized greywacke 5 qtz. str.	6.0	nil
197.5	Banded & bedded tuff. gr w. evidence of grw. conglomerate from 111.5		
225	Banded brown tuff. grw.		
255	Brown altered amphibolized grw. banded & bedded		
265	Brown banded & bedded grw.		
287	Amphibolized banded tuff gr w.		
341	Bedded and Banded grw. brown		
394.5	Brown banded grw. in part amphib. UPPER CONTACT CADILLAC SHEAR		
396.5	Breccia section		
400.5	Amphrophyre dike		
404.5	Altered aplite dyke		
411.5	Talcose shear		
413.5	Altered chloritized carb. dyke		
507	Contorted talcose shear		
527	More intense shear		
563	Talcose shear		

DIAMOND DRILL RECORDHole No. 40W
Sheet No. 2Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
479	$\frac{1}{2}$ Lost core - $\frac{1}{2}$ talcose shear		
482	Lamp dyke		
547	Contorted micaceous shear		
551	Gouge mark and lost core		
620	Talcose shear greywacke		
745	Micaceous greywacke talcose shear amphibolized		
746	Black breccia - pyrite little molybdenum	1.0	Nil
764	Black micaceous greywacke shear amphibolized		
	Gouge fault.		
783.5	Micaceous shear		
	No definite break		
785.5	Siliceous altered quartz filled black or dark green rock some pyrite pyrrhotite amphibolite	2.0	nil
790	Contorted slightly talcose dark green to black Rock some quartz filling	4.5	Trace
797	Mottled green black rock amphibolite	7.0	0.01
799.5	Partly quartz filled sil. highly altered amphibolite	2.5	0.02
805	Contorted dark green to black rock amphibolite some pyrite	5.5	0.40
	quartz filled tourmaline		
813	Contorted altered black rock.		

DIAMOND DRILL RECORD

Hole No. 40-W
Sheet No. 3

Property: Heva Cadillac Gold Mines Ltd.

Depth Feet	Formation	Width	Ounces
	805-807.5 Py. seams contorted	2.5	nil
	807.5-813 Scattered pyrite	5.5	Trace
816	Amphibolite alt. some quartz filled str.	3.0	Trace
820.5	Porphyritic quartz gabbro fine pyrite	4.5	Trace
822	Porphyritic quartz gabbro fine pyrite	1.5	Trace
830	Part recovery of porphyritic quartz gabbro siliceous		

END OF HOLE 830 feet

END OF SURFACE DRILLING -

Acid Angle Tests		Corrected
100 feet	66 deg.	
200 "	63 "	
300 "	55 "	
500 "	56 "	
700 "	61 "	
800 "	58 "	