



42A06SW0029 63.4240 ADAMS

010

*Diamond Drilling Logs  
and Cross-Sections*

*1997*

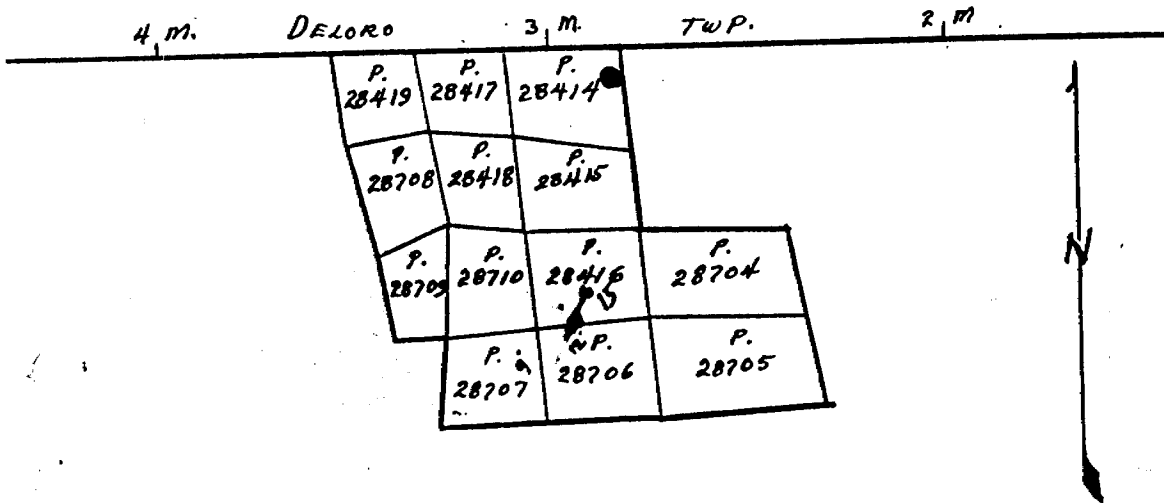
BALMORAL PORCUPINE GOLD MINES LTD.

Adams Township

July 30/47

List of Specimens

1. ddh 9 221' Biotite Granite.
2. ddh 9 529' Granite with brown accessory mineral.
3. ddh 9 803' Andesitic lava.
4. ddh 15 92' Andesitic lava - Amygdaloidal.
5. ddh 12 Andesitic lava with axinite? in stringers.



BALMORA PORCUPINE GOLD MINES

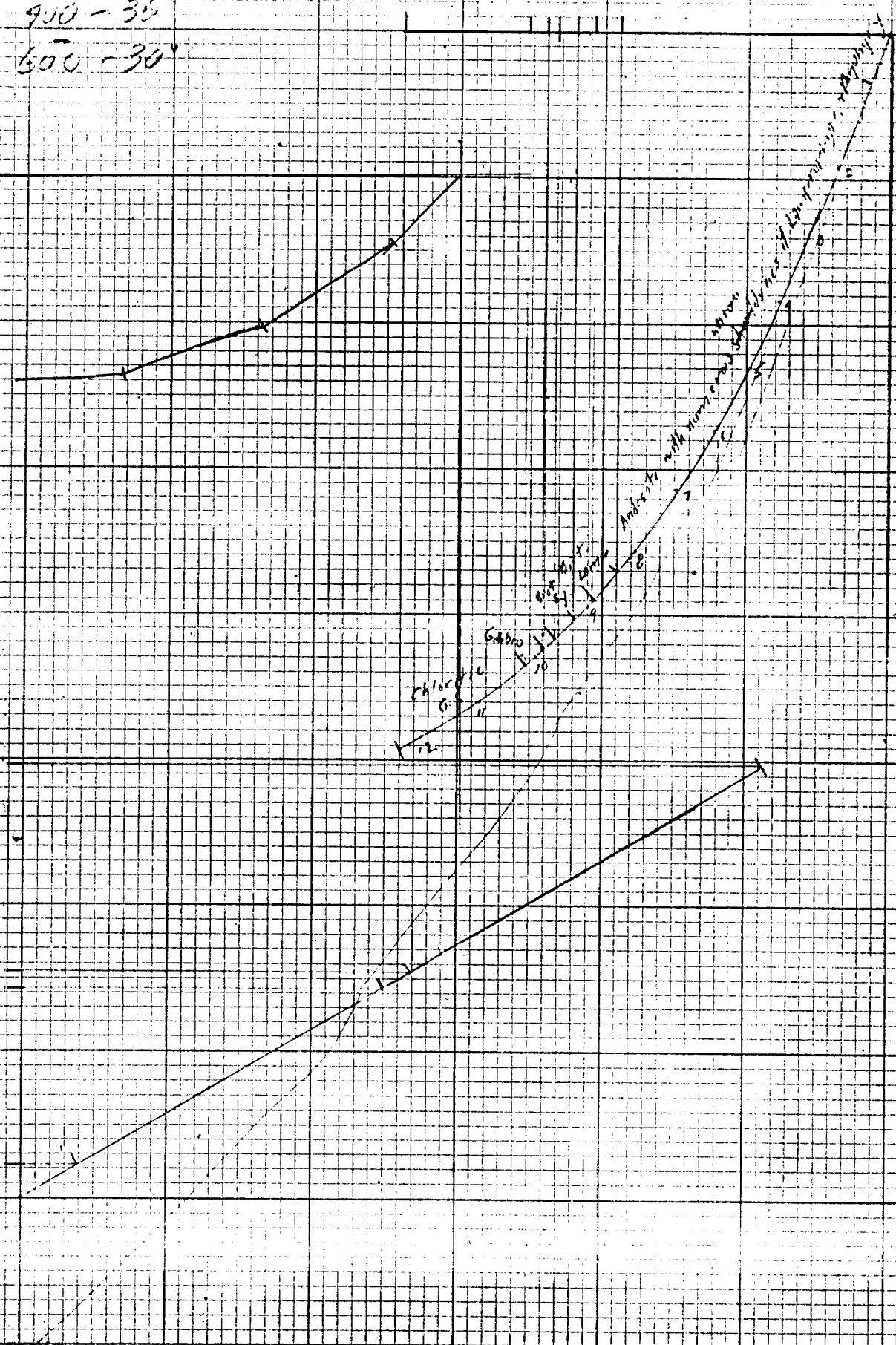
ADAMS TOWNSHIP

Scale: 1 inch = 40 chains

T-143

1982: See D.R. Pyke Prop. T-2458

0-45  
200-70  
900-35  
600-30

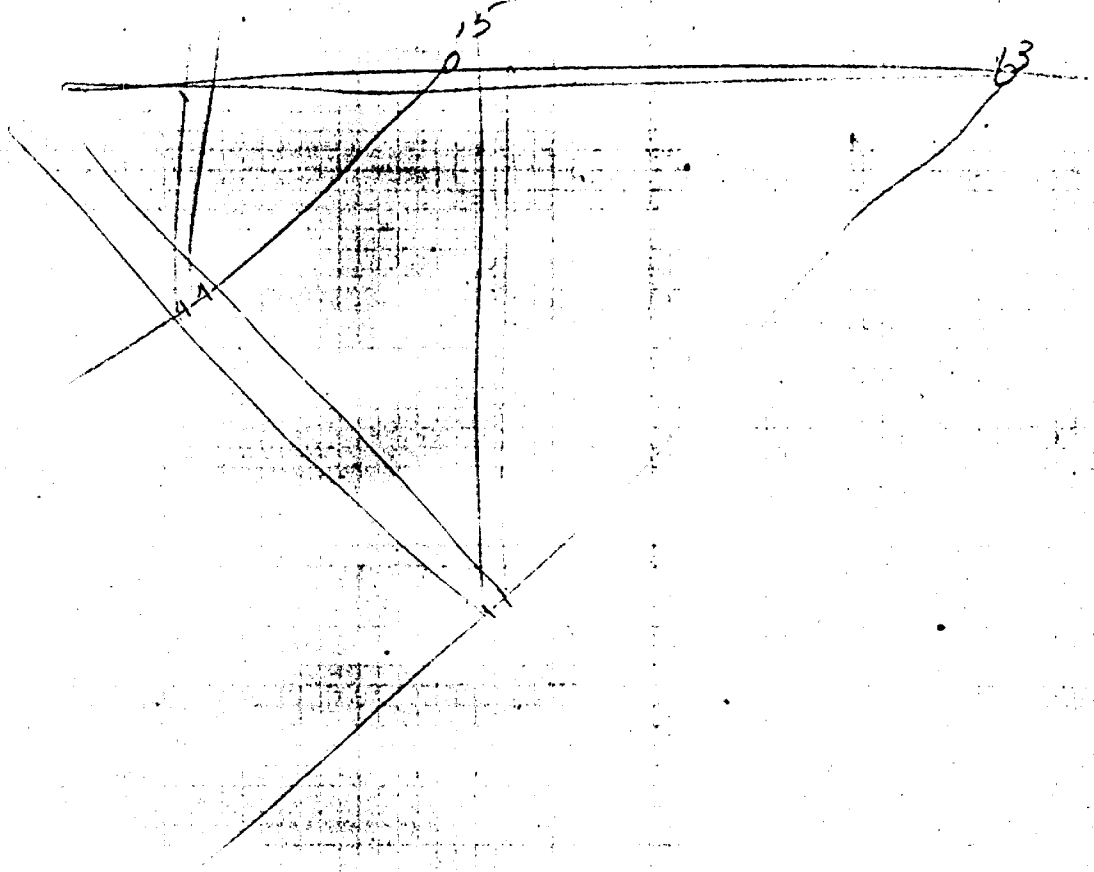


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63



Balmoral Diamond Drill Logs

D.D.H. #1 Location Daloro boundary Near mile post #3  
0-21 Casing

21-46 Crystalline carbonate  
46-118 Green fine grained carbonate, gradational contact  
118-245 Slightly crystalline green carbonate  
245-294 Talc carbonate  
294-314 Talc carbonate, poor core recovery  
314-416 Soapstone  
416-491 Talc carbonate  
491-575 Talc chlorite with carbonate crystals and stringers  
575-645 Soapstone  
645-665 Talc chlorite, schisted, some lost core  
665-874 Soapstone. End of hole

D.D.H. #4 ( D.D.H. #2 No ledge to 150' D.D.H. #3 No ledge to 200' )  
Location: 150' S. post 4 claim 24835, Dir: S. 10° E. Dir: 60°

0-89 Casing  
89-568 Medium grained biotite syenite or granite  
568-569 Pink fine grained syenite  
569-575 Medium grained biotite syenite  
575-604 Pink fine grained syenite  
604-619 Grey to pink fine grained syenite.  
619-669 Talc chlorite schisted at low angle  
669-719 Soapstone, a little magnetite  
719-738 Talc chlorite schist  
738-809 Soapstone  
809-835 Brownish streaks in massive talc chlorite  
835-928 Massive talc chlorite  
928-993 Carbonate crystals in soapstone  
993-1075 Talc chlorite schist  
1075-1169 Soapstone  
1169-1186 Talc chlorite schist. End of hole.

D.D.H. #5 Loc: S.W. #4 <sup>93.252°</sup> Dir: N. 20° W. Dip: 75° flattened to 60°  
0-130 Casing  
130-160 Green micaceous lava, local fine banding out at 20° 6" syenite 135'  
160-190 Dark green micaceous gabbro  
190-220 Green lava out at 35°  
220-299 Lighter green lava, slightly flowy. 275' out at 45°  
299-300 Fine grained biotite lamprophyre dyke  
300-334 Dark green lava, Kline epidote at 326'  
334-336 Dark dyke  
336-340 A little pyrrhotite in lava 337-340 #4.55  
340-353 Lava out at 40°  
353-370 Fine grained dark green gabbro  
370-426 Fine grained dark lava out at 50°  
426-440 Fine grained greenstone  
440-493 Lava  
493-500 Tiny carbonate stringers and shearing  
520-526 Massive greenstone, probably porphyritic a little epidote  
526-647 Greenstone schisted at 50°  
647-650 A little pyrrhotite in jointed lava - # 9.40  
650-658 Narrow quartz carbonate stringers in lava at 55°

Balmoral Diamond Drill Logs

D.D.H. #5 (continued)

658-671 Dark green lava, fine amygdules  
671-703 ~~Dark green lava~~ Crystalline ge, fine flecking  
703-713 Fine grained dark green lava  
713-716 Feldspar porphyry  
716-739 Crystalline biotite greenstone  
739-756 Greenstone, fine flecking  
756-767 Lava schisted at 50°, a little pyrrhotite 761-765  
767-795 Crystalline greenstone  
795-811 Dark green lava  
811-821 Blue green lava out at 50°  
821-822 Carbonatized feldspar porphyry  
822-828 Dark green lava  
828-838 Dark grey lamprophyre very little pyrrhotite  
838-841 Lava out at 70°  
841-843 Carbonatized feldspar porphyry  
843-857 Lava at 70°, a little quartz at 853'  
857-858 Feldspar porphyry  
858-906 Massive green lava at 70°  
906-916 Crystalline biotite greenstone  
916-923 Dark green lava End.

D.D.H. #6 Location: 100' W. of #5

0-124 Casing  
124-144 Basalt, fine banding at 30°  
144-147 Feldspar porphyry, 1/8" phenocrysts  
147-155 Greenstone  
155-256 Lava schisted at 30°, zircon? at 218'  
256-308 Greenstone, jointed and cemented at 270'  
308-310 Quartz epidote str in greenstone  
310-344 Greenstone  
344-390 Lava schisted at 45°  
390-418 greenstone  
418-437 Dark green lava out at 35°, locally flowy, zircon at 425'  
437-452 Greenstone  
452-495 Lava, 1/2" min qtz str at 464  
495-498 A little pyrite at greenstone contact  
498-535 Fine speckled greenstone  
535-550 Massive lava schisted at 50°  
550-568 Greenstone schisted at 50° 1/2 fine qtz str, some pyrrhotite  
568-603 Greenstone 603-626 Massive lava schisted at 50°  
626-652 Greenstone 652-653 Grey lamprophyre, probably porphyritic  
653-706 Fine grained greenstone schisted at 55°  
706-760 Greenstone fine speckle  
760-772 Massive lava, slightly flowy. 772-784 Greenstone  
784-795 Massive lava schisted at 60°  
795-842 Greenstone locally schisted at 60°  
842-845.5 Carbonatized feldspar porphyry  
845.5-874 Medium grained biotite greenstone  
874-878 Massive lava  
878-881 Feldspar porphyry  
881-887 Lava schisted 50-55°  
887-888 Porphyry  
888-892 Massive lava ~~End of~~ hole still drilling

660' Drilling

PROPERTY BALMORAL PORTLAND CEMENT & GOLD MINES LTD.

HOLE NUMBER 1

SHEET NUMBER 1

SECTION FROM 0' TO 874'

# DIAMOND DRILL RECORD

LOCATION: LAT Deloro Boundary near mile post #3  
 DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH 874'

DIRECTION AT START: BEARING \_\_\_\_\_  
 DIP 41-45°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-21	Casing				
21-46	Crystalline carbonate				
46-118	Green fine grained carbonate, gradational contact				
118-245	Slightly crystalline green carbonate				
245-294	Talc carbonate				
294-314	Talc carbonate, poor core recovery				
314-416	Soapstone				
416-491	Talc carbonate				
491-575	Talc chlorite with carbonate crystals and stringers.				
575-645	Soapstone				
645-665	Talc chlorite, schisted, some lost core.				
665-874	Soapstone. End of hole.				

C. LONGLEY



# DIAMOND DRILL RECORD

LOCATION: LAT. 150' S. post 4 claim 24835  
 DEP. ....  
 ELEVATION OF COLLAR (DDH #2 No ledge to 150'  
 DATUM DDH #3 No ledge to 200')  
 DIRECTION AT START: BEARING S 10° E  
 DIP 60°

STARTED .....  
 COMPLETED .....  
 ULTIMATE DEPTH 1186'  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 89	Casing				
89-568	Medium grained biotite syenite or granite.				
568-569	Pink fine grained syenite.				
569-575	Medium grained biotite syenite.				
575-604	Pink fine grained syenite.				
604-619	Grey to pink fine grained syenite.				
619-669	Talc chlorite schisted at low angles.				
669-719	Soapstone, a little magnetite.				
719-738	Talc chlorite schist.				
738-809	Soapstone.				
809-835	Brownish streaks in massive talc chlorite.				
835-928	Massive talc chlorite.				
928-993	Carbonate crystals in soapstone.				
993-1075	Talc chlorite schist.				
1075-1169	Soapstone.				
1169-1186	Talc chlorite schist.				
	END OF HOLE.				

PROPERTY BALMORAL PORPHYRY GOLD MINES LTD.

HOLE NUMBER 5

SHEET NUMBER 1

SECTION FROM 0' TO 658'

# DIAMOND DRILL RECORD

LOCATION: LAT. S.W. #4  
 DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH 923'

DIRECTION AT START: BEARING N 70° W  
 DIP 75° flattened to 60°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0 - 130	Casing						
130-160	Green micaceous lava, local fine banding out at 20°. 6" syenite 135'						
160-190	Dark green micaceous gabbro.						
190-220	Green lava out at 35°.						
220-299	Lighter green lava, slightly flowy, 275' out at 45°.						
299-300	Fine grained biotite lamprophyre dyke.						
300-334	Dark green lava. Xline epidote at 326'						
334-336	Dark dyke.						
336-340	A little pyrrhotite in lava	337-340		\$4.55			
340-553	Lava cut at 40°.						
353-370	Fine grained dark green gabbro.						
370-426	Fine grained dark lava out at 50°.						
426-440	Fine grained greenstone.						
440-493	Lava						
493-500	Tiny carbonate stringers and shearing.						
520-526	Massive greenstone, probably porphyritic. A little epidote.						
526-647	Greenstone schisted at 50°.						
647-650	A little pyrrhotite in jointed lava.			\$8.40			
650-658	Narrow quartz carbonate stringers in lava at 55°.						

# DIAMOND DRILL RECORD

LOCATION: LAT. \_\_\_\_\_  
 DEP. \_\_\_\_\_  
 ELEVATION OF COLLAR \_\_\_\_\_  
 DATUM \_\_\_\_\_  
 DIRECTION AT START: BEARING N. 20° W  
 DIP 75° flattened to 60°

STARTED \_\_\_\_\_  
 COMPLETED \_\_\_\_\_  
 ULTIMATE DEPTH 923'  
 PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
658-671	Dark green lava, fine amygdules.						
671-703	Crystalline greenstone, fine flecking.						
703-713	Fine grained dark green lava.						
713-716	Feldspar porphyry.						
716-739	Crystalline biotite greenstone.						
739-756	Greenstone, fine flecking.						
756-767	Lava schisted at 50°, a little pyrrhotite 761-765						
767-795	Crystalline greenstone.						
795-811	Dark green lava.						
811-821	Blue green lava cut at 50°.						
821-822	Carbonatized feldspar porphyry.						
822-828	Dark green lava.						
828-838	Dark grey lamprophyre. Very little pyrrhotite.						
838-841	Lava cut at 70°						
841-843	Carbonatized feldspar porphyry..						
843-857	Lava at 70°, a little quartz at 853'.						
857-858	Feldspar porphyry.						
858-906	Massive green lava at 70°.						
906-916	Crystalline biotite greenstone.						
916-923	Dark green lava.						
	END OF HOLE						

G. LANGLEY

# DIAMOND DRILL RECORD

LOCATION: LAT. 100' W. of #5  
 DEP. ....  
 ELEVATION OF COLLAR .....  
 DATUM .....  
 DIRECTION AT START: BEARING N 70° W  
 DIP 80°

STARTED .....  
 COMPLETED .....  
 ULTIMATE DEPTH .....  
 PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-124	Casing				
124-144	Basalt, fine banding at 30°.				
144-147	Feldspar porphyry, 1/8" phenocrysts				
147-155	Greenstone.				
155-256	Lava schisted at 30°, zircon? at 218'				
256-308	Greenstone, jointed and cemented at 270'.				
308-310	Quartz epidote stringers in greenstone.				
310-344	Greenstone.				
344-390	Lava schisted at 45°.				
390-418	Greenstone.				
418-437	Dark green lava cut at 35°, locally flowy, zircon at 425'.				
437-452	Greenstone.				
452-495	Lava, 1/4" min. qtz. stringers at 464.				
495-498	A little pyrite at greenstone contact.				
498-535	Fine speckled greenstone.				
535-550	Massive lava schisted at 50°.				
550-568	Greenstone schisted at 50° - fine qtz. str., some pyrrhotite.				
568-603	Greenstone.				
603-626	Massive lava schisted at 50°.				

C. LONGLEY

# DIAMOND DRILL RECORD

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

STARTED.....  
 COMPLETED.....  
 ULTIMATE DEPTH.....  
 PROPOSED DEPTH.....

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
626-652	Greenstone.						
652-653	Grey lamprophyre, probably porphyritic.						
653-706	Fine grained greenstone schisted at 55°.						
706-760	Greenstone fine speckle						
760-772	Massive lava, slightly flowy.						
772-784	Greenstone.						
784-795	Massive lava schisted at 60°.						
795-842	Greenstone locally schisted at 60°.						
842-845.5	Carbonatized feldspar porphyry.						
845.5-874	Medium grained biotite greenstone.						
874-878	Massive lava.						
878-881	Feldspar porphyry.						
881-887	Lava schisted 50-55°.						
887-888	Porphyry.						
888-892	Massive lava.						
	(Still drilling).						
892-941	Massive lava						
	925-941 dioritic						
941-1039	Fine texture somewhat sheared.						
	983-985 - Feldspar Porphyry (purplish)						
	Angle of shear 50.						
	1014-1016 Feldspar Porphyry (purplish)						

# DIAMOND DRILL RECORD

LOCATION: LAT. \_\_\_\_\_  
 DEP. \_\_\_\_\_  
 ELEVATION OF COLLAR \_\_\_\_\_  
 DATUM \_\_\_\_\_  
 DIRECTION AT START: BEARING N 20° W  
 DIP 70°

STARTED \_\_\_\_\_  
 COMPLETED \_\_\_\_\_  
 ULTIMATE DEPTH 1206'  
 PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-165 $\frac{1}{8}$	Casing				
165 $\frac{1}{8}$ -543	<u>Porphyritic Granite</u> - Grey to pink, biotite with miner hornblende altered to chlorite. Minor quantities of epidote?	1 2 3	221" 529" 803"		
543-594	<u>Sheared Andesitic Lava</u>				
594-683	<u>Grey Granite</u> with inclusions of the lava.				
683-700	Sheared altered lava.				
700-720	<u>Quartz Feldspar Porphyry</u> with white phenocrysts				
720-1206	Massive Andesitic lava locally schisted.				
	774-775 - Purplish porphyry.				
	778-780 - Purplish porphyry.				
	800-801 $\frac{1}{2}$ - Lamprophyre Dyke.				
	805-816 - Pink Feldspar Porphyry				
	819-820 - Black porphyry - white phenocrysts.				
	827-828 - Purple porphyry.				
	845-847 - Lamprophyre.				
	At 836 - 6" Felsite				
	871-872 - Lamprophyre				
	906-916 - Pink Feldspar Porphyry.				
	1036-1043 - Felsite Dyke.				
1206	END OF HOLE				

# DIAMOND DRILL RECORD

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

STARTED .....

ELEVATION OF COLLAR .....

COMPLETED .....

DATUM .....

ULTIMATE DEPTH 1309'

DIRECTION AT START: BEARING N 20 W  
 DIP -70° at collar

PROPOSED DEPTH .....

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 115	Casing				
115-1309	Sheared Andesitic (Greenish Black Relatively Hard), Fine textured Lava cut by fine str. Carbonate Quartz with epidote and axinite? Shearing 40° to core.	<u>225</u>			
	177-182 Porph. (white feldspar phenos) At 225 angle changes to 50°				
	266-274 - Feldspar porphyry with poorly developed pink and white phenocrysts.				
	274 - Occasional porphyry in sections up to 2". Alteration tends more to chlorite than biotite with shearing less intense.				
	465-473 - Chlorite Alteration including 2" of white feldspar porphyry.				
	532 - 6" str. zone with pyrite.				
	540-600 more massive due to carbonate alteration.				
	600-685 chloritic slightly crystalline				
	768-769 } Feldspar porphyry with poorly formed				
	776-778 } white pheno.				
	685-805 sections slightly dioritic with hornblende crystals.				

PROPERTY BALMORAL PORCUPINE

HOLE NUMBER 12

SHEET NUMBER 2

SECTION FROM 805' TO 1222'

# DIAMOND DRILL RECORD

LOCATION: LAT. \_\_\_\_\_  
 DEP. \_\_\_\_\_

ELEVATION OF COLLAR: \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING N 20° W  
 DIP -70° at collar

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH 1309'

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	805-877 Fine textured dark green andesite.				
	830 } 874-875) Feldspar Porphyry				
	862-863.5-Siliceous felsite				
	877-887 - slightly dioritic				
	887-1309 - chloritic (as above) with a few short sections of porphyry.				
	987-990 - Old lamprophyre dyke.				
	1000-1002 - fine dyke (grey)				
	1015-1016 - porphyry				
	1058-1060 - porphyry				
	1062-1063 - porphyry				
	1021-1025 - Fine grey dyke (porphyritic)				
	1087-1088 - " " " "				
	1113-1115 - grey lamprophyre hornblende.				
	1129-1142 " " " "				
	1173-1174 } - Feldspar porphyry				
	1189-1190 }				
	1178-1180 - Hornblende lamprophyre				
	1195-1199 - Biotite lamprophyre.				
	1221-1222 - Pink syenitic dyke				





PROPERTY BALMORAL PORCUP

HOLE NUMBER 13

SHEET NUMBER 1

# DIAMOND DRILL RECORD

SECTION FROM 0' TO 771'

LOCATION: LAT. \_\_\_\_\_  
 DEP. \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

DATUM \_\_\_\_\_

DIRECTION AT START: BEARING N 20 W  
 DIP (-) 83°

STARTED \_\_\_\_\_

COMPLETED \_\_\_\_\_

ULTIMATE DEPTH 1625'

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 103	Casing				
103-1334	Sheared Andesitic Lava (Greenish Black and relatively hard): Fine texture with banding of fine light grey carbonate with epidote. Banding at 45° to core.				
	111-113 - Grey dyke with biotite.				
	137-190 - Grey dyke with local feldspar phenocrysts and much hornblende.				
	At 202 - 1 ft. of carbonate epidote stringers with inclusions of brown mineral.				
	332-333.5 - Diorite				
	350-485 - Lavas become denser with fewer stringers.				
	485-532 - Dioritic lava (485-491 Texture coarser)				
	532-721.5 - Dense dark green basic lava (as above) obscure foliation.				
	548.5-550 - Spotted grey dyke (Biotite Lamprophyre?)				
	670-674 - Porphyry grey feldspar				
	686-687 - " " "				
	721.5-771 - Dioritic Greenstone becoming coarser grained from 748.				
	771 - Dense dark green basic lava (as above)				

obscure foliation

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_  
 ELEVATION OF COLLAR \_\_\_\_\_  
 DATUM \_\_\_\_\_  
 DIRECTION AT START: BEARING N 20 W  
 DIP (-) 83°

STARTED \_\_\_\_\_  
 COMPLETED \_\_\_\_\_  
 ULTIMATE DEPTH 1625'  
 PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
860-862	Acid, dyke characterized by flakes of light green chlorite.						
892-893	Well mineralized stringers.						
900-902	Feldspar Porphyry.						
919-922	Heavy pyrrhotite-chalcopyrite mineralization Banded.						
At 945	6" Feldspar Porphyry						
982-983.5	Dark Lamprophyre dyke.						
1016-1018	" " " Dense Lava.						
1045-1048.5	Hornblende lamprophyre.						
1056-1059	" "						
1059-1061	Grey Feldspar Porphyry.						
1113-1115	Dark green lamprophyre - Biotite and some serpentine.						
1120-1127	" " " " "						
1149-1150	" " " " "						
1184-1187	" " " " "						
1207-1208	" " " " "						
1227-1230	" " " " "						
1243-1244	" " " " "						
1277-1278	Grey Feldspar Porphyry.						

*Handwritten initials*

# DIAMOND DRILL RECORD

LOCATION: LAT. \_\_\_\_\_  
 DEP. \_\_\_\_\_  
 ELEVATION OF COLLAR \_\_\_\_\_  
 DATUM \_\_\_\_\_  
 DIRECTION AT START: BEARING N 20 W  
 DIP (-) 83°

STARTED \_\_\_\_\_  
 COMPLETED \_\_\_\_\_  
 ULTIMATE DEPTH: 1625'  
 PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
	1279-1283 - Biotite Lamprophyre Dyke.				
	1291-1292 - " " "				
	1292-1334 - Dykes as above in 3 or 4 foot sections making up about 25% of the core.				
1334-1389	Grey Hornblende syenite, from 1350 becoming pink.				
	1374-1377 - Brown Felsite cuts syenite.				
1389-1432	<sup>Diabase</sup> Olivine Gabbro (possibly some serpentine) chilled contacts.				
1432-1439	Fine grey hornblende syenite.				
1439-1511	Talc chlorite schist.				
	1447-1450 - Brownish Felsite.				
	1471-1474 - " "				
	1478-1486 - Brownish hornblende syenite.				
1511-1547	Diorite.				
1547-1625	Talc chlorite schist.				
1625	END OF HOLE				

PROPERTY BALMORAL PORPHYRY GOLD MINES LTD.

HOLE NUMBER 15

SHEET NUMBER 1

SECTION FROM 0' TO 539'

# DIAMOND DRILL RECORD

LOCATION: LAT \_\_\_\_\_  
 DEP. \_\_\_\_\_

STARTED \_\_\_\_\_

ELEVATION OF COLLAR \_\_\_\_\_

COMPLETED \_\_\_\_\_

DATUM \_\_\_\_\_

ULTIMATE DEPTH 1206'

DIRECTION AT START: BEARING N. 20° W.  
 DIP 70°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 73	Casing				
73-885	Dark Green Fine textured Andesite, relatively hard, locally sheared.	4	92'		
	114-116 - Dark Feldspar porphyry.				
	128-132 - Grey Siliceous Felsite.				
	209-245 - Dioritic Texture.				
	321-323 - Grey Felsite Dyke.				
	342-343 - Dark Feldspar Porphyry.				
	365-367 - Fine disseminated pyrite.				
	367-371 - Grey lamprophyre dike.				
	374-376 - Dark Feldspar porphyry white phenocrysts:				
	393-396 - " " " " "				
	414-415 - " " " " "				
	484-488 - Grey lamprophyre dike.				
	494-496 - Lamprophyre dyke with local feldspar phenocrysts.				
	507-511 - Grey lamprophyre dike.				
	516-517 - Grey porphyry.				
	517-522 - Biotite Lamprophyre.				
	534-538 - Grey Lamprophyre.				
	538-539 - Grey porphyry.				

NORTHERN MINER PRESS LIMITED, TORONTO-STOCK FORM NO. 501 REV. 9/44

DRILLED BY \_\_\_\_\_

SIGNED N.H. G. LONGLEY

# DIAMOND DRILL RECORD

LOCATION: LAT. \_\_\_\_\_  
 DEP. \_\_\_\_\_  
 ELEVATION OF COLLAR \_\_\_\_\_  
 DATUM \_\_\_\_\_  
 DIRECTION AT START: BEARING N 20 W  
 DIP 70°

STARTED \_\_\_\_\_  
 COMPLETED \_\_\_\_\_  
 ULTIMATE DEPTH 1206'  
 PROPOSED DEPTH \_\_\_\_\_





DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
<del>569-570</del>	569-570 - Grey porphyry.						
	570-573 - Grey lamprophyre.						
	608-616 - Grey lamprophyre.						
	677-678 - Biotite Lamprophyre.						
	702-706 - Grey lamprophyre (biotite)						
	727-732 - Grey feldspar porphyry with white phenocrysts.						
	764-765 - Grey Lamprophyre.						
	765-766 - Grey Porphyry.						
	792-797 - Grey Acid dike with biotite.						
	797-801 - Black biotite lamprophyre.						
	805-807 - " " "						
	811-812 - " " "						
	815-826 - Grey Acid Dike						
	819-821 - Porphyritic						
	826-839 - Biotite in lava.						
	839-885 - Biotite lamprophyre with inclusions granular texture. Pink feldspar and olivine? noted.						
885-927	Fine grained biotite syenite with fine epidote.						
927-960	Sheared chloritic andesite with lamprophyre dikes.						
960-984	Fine grained biotite syenite (as above).						

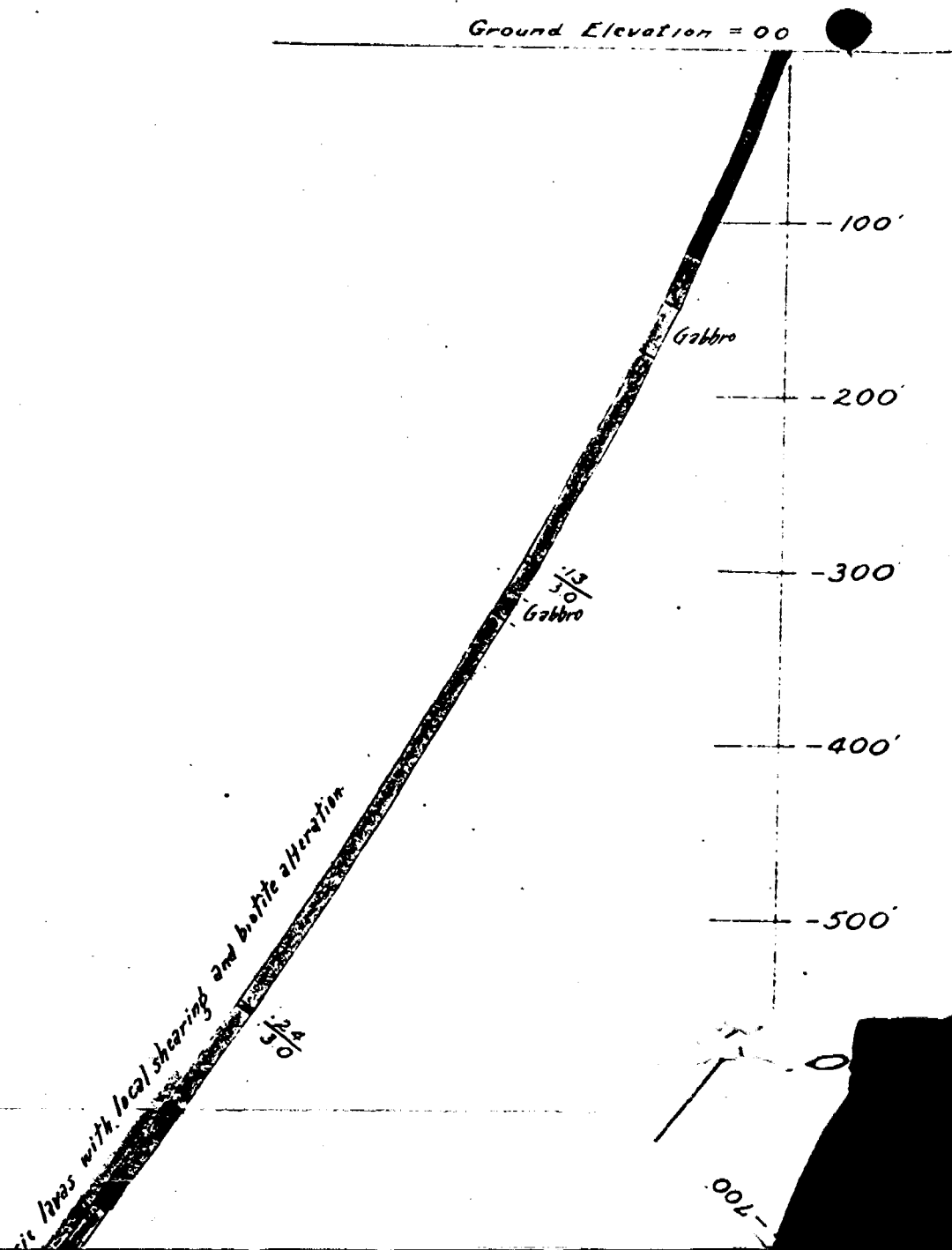


AZIMUTH = 292°

Ground Elevation = 00

### LEGEND

-  Sheared and carbonated Andesite
-  Intrusives - porphyries & diorite
-  Casing
-  Assays - Gold in ounces





923'

Basic lines with local sheet  
5/14





-600  
-700  
-800  
-900  
-1000  
-1100

<b>SECTION OF D.D.H. #5</b>	
SCALE 1"=100'	DATE AUG. 21, '46
Drawn by: <i>Wm. J. Lail</i>	Resident Engineer
Approved by:	Consulting Engineer

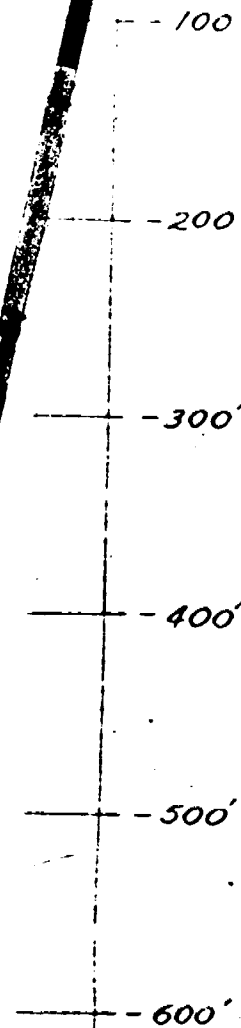
AZIMUTH = 290°-30

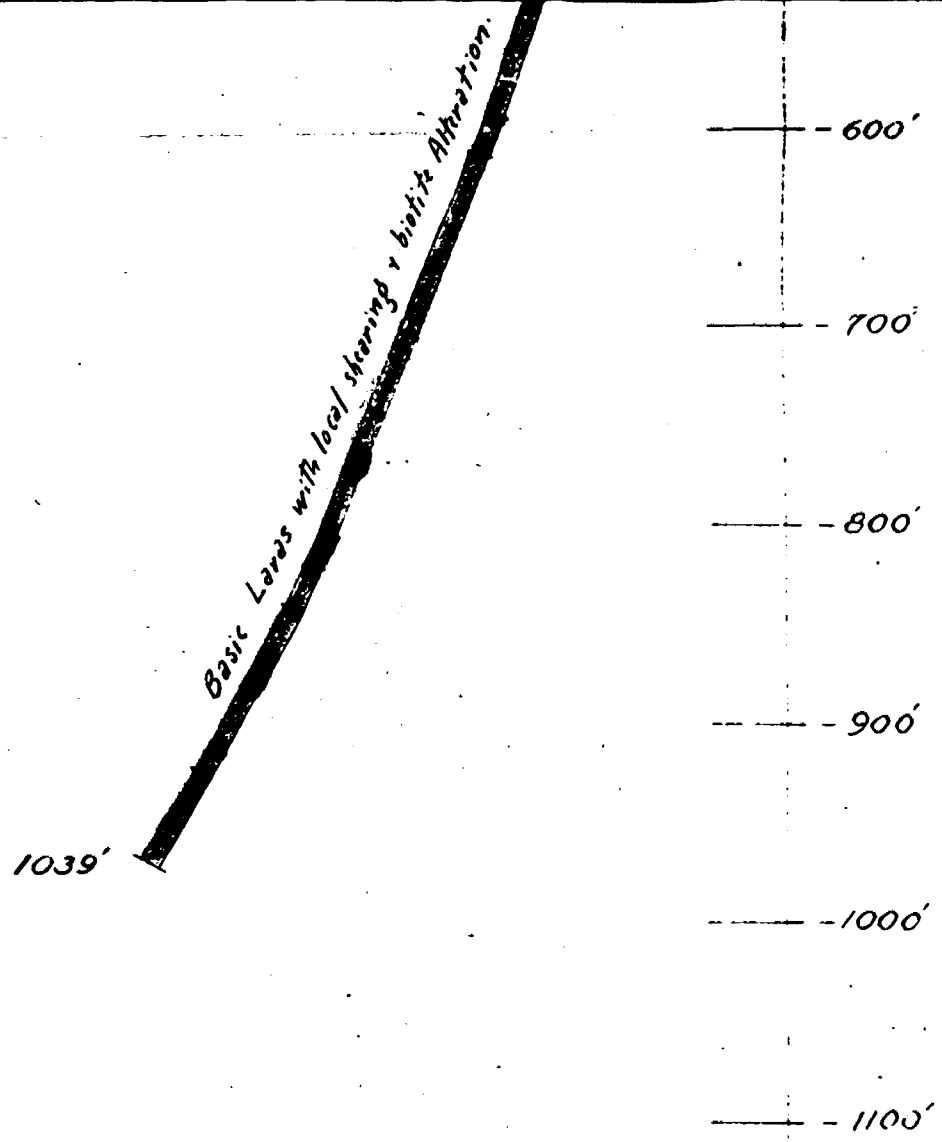
Ground Elevation = 00

### LEGEND

-  Sheared and carbonated Andesite
-  Intrusives - porphyries & diorite
-  Casing
-  Assays - Gold in ounces

ing + biotite Alteration.









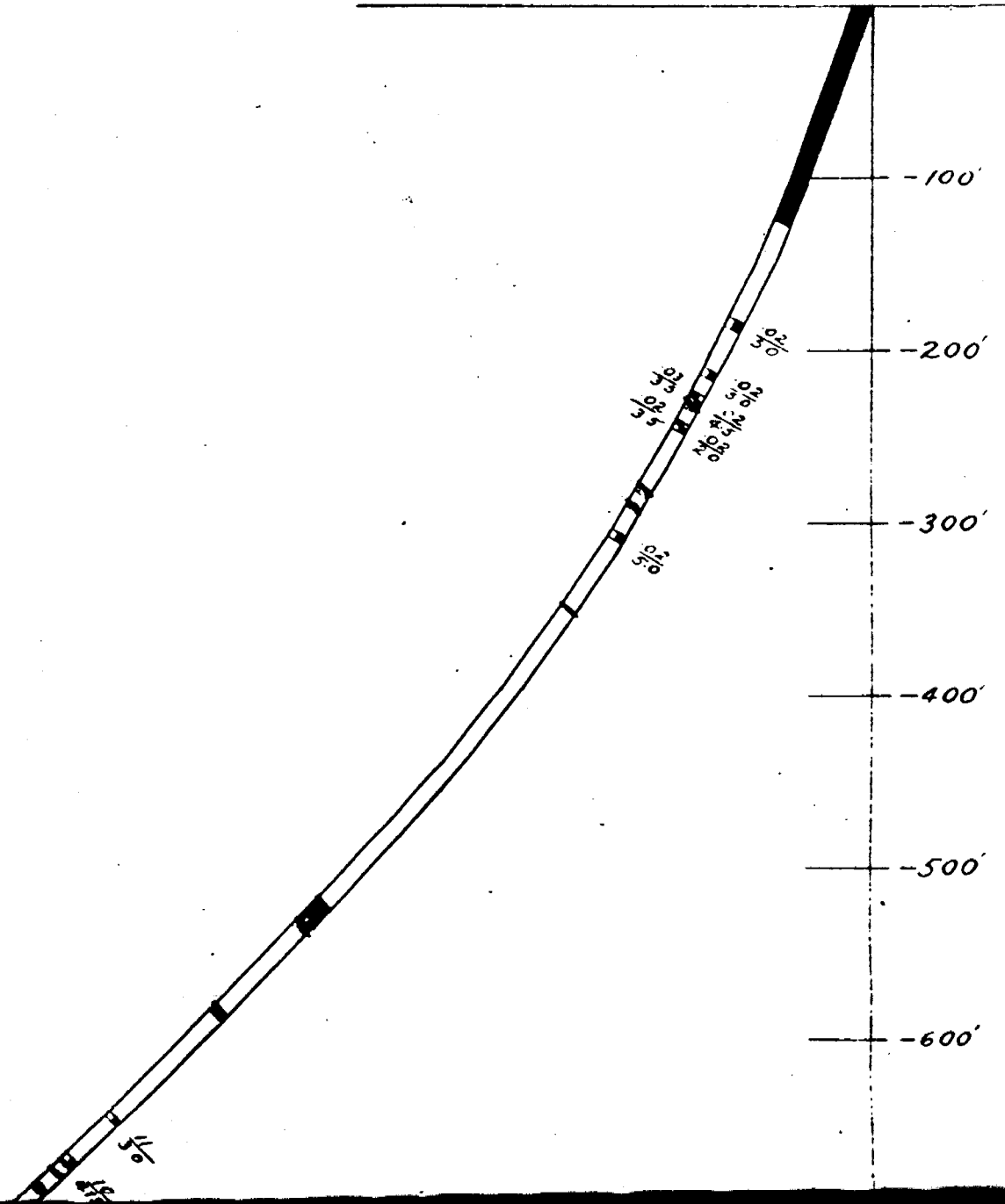
<b>SECTION OF D.D.H. #6</b>	
SCALE 1"=100'	DATE AUG. 21. 46
Drawn by: <i>John W. [unclear]</i> Resident Engineer	
Approved by: _____ Consulting Engineer	

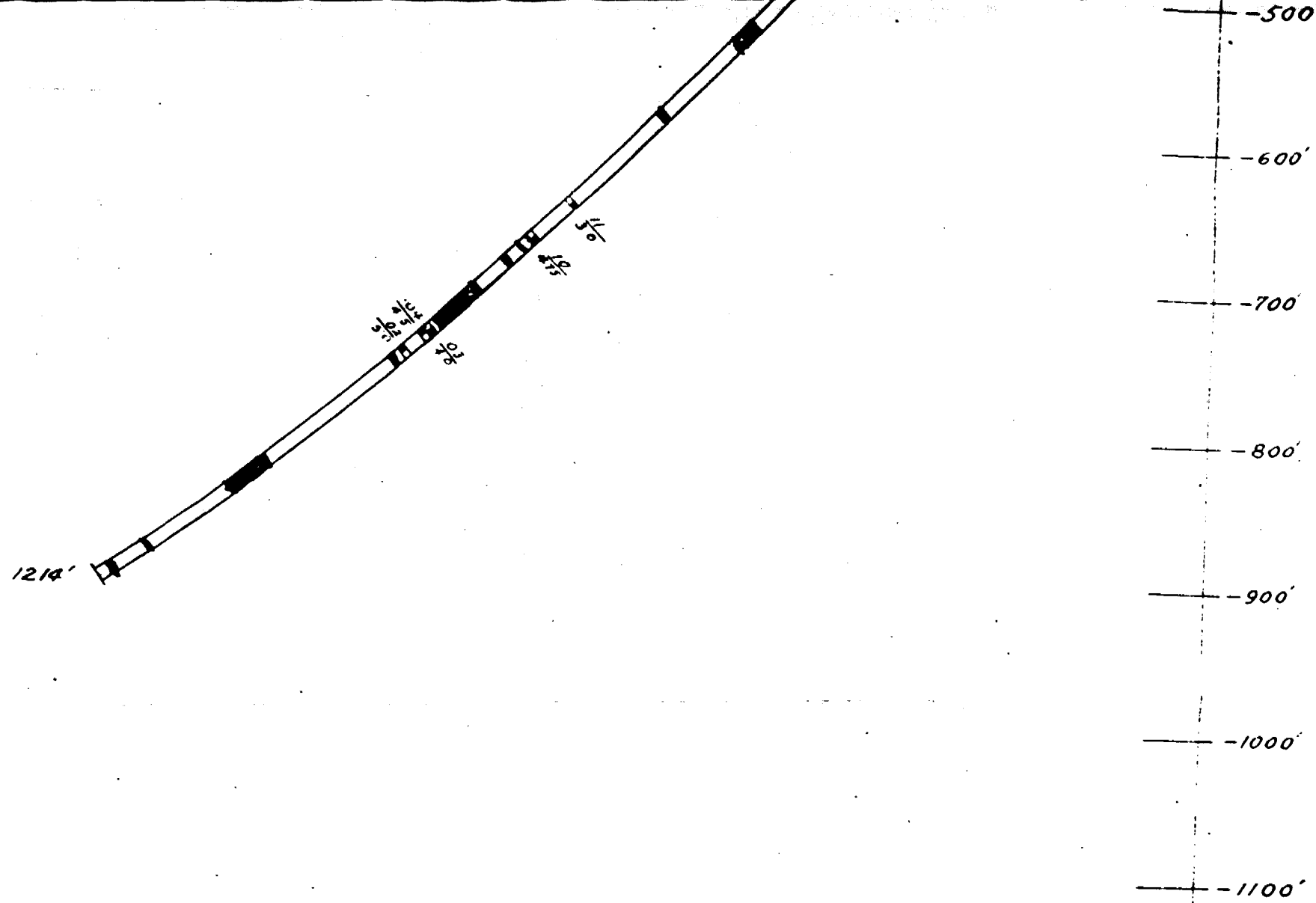
AZIMUTH = 322°

Ground Elevation = 00

### LEGEND

-  Sheared and carbonated Andesite
-  Intrusives - porphyries & diorite
-  Casing
-  Assays - Gold in ounces









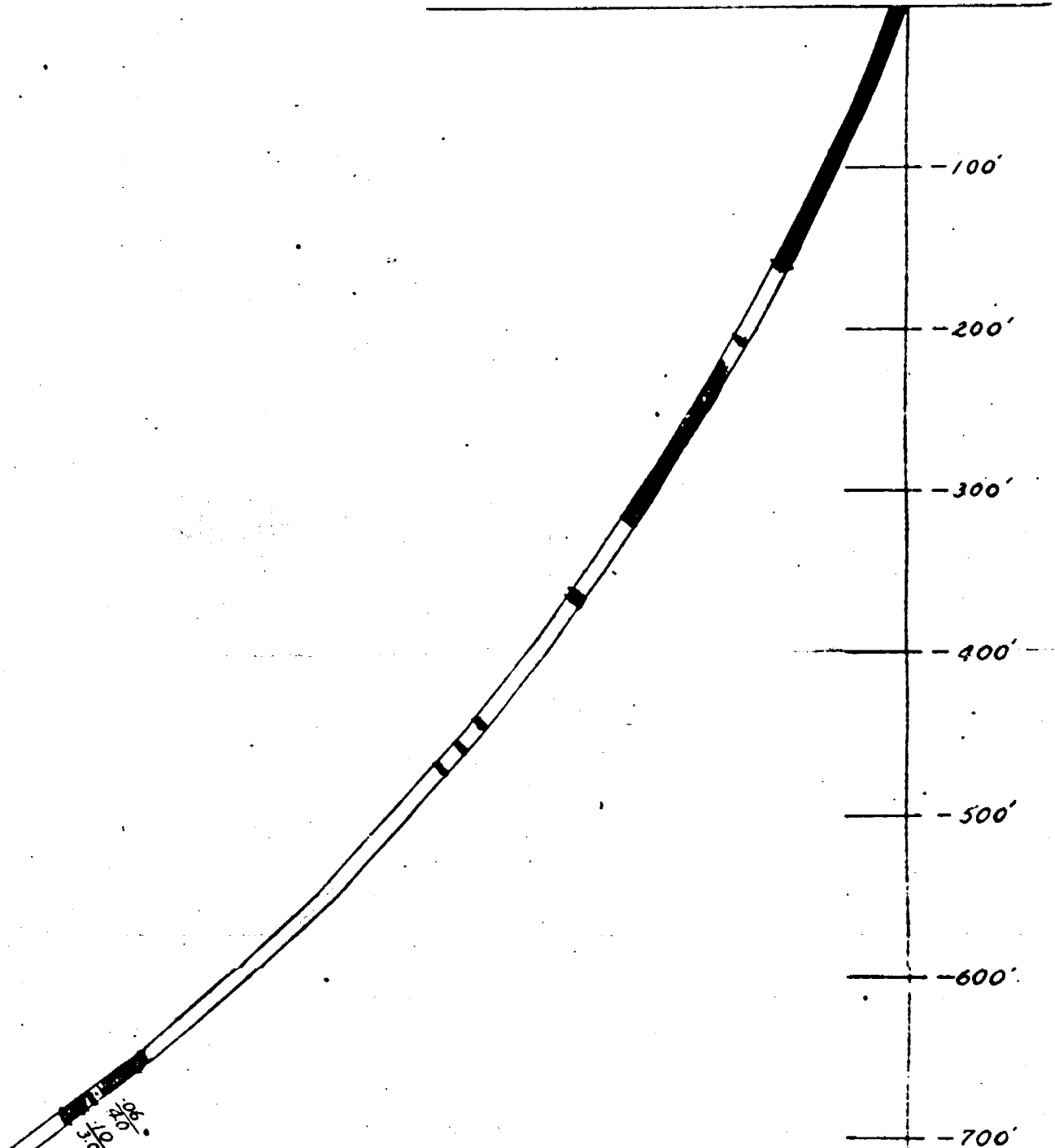
<b>SECTION OF D.D.H. #7</b>	
SCALE 1"=100'	DATE AUG. 21, '46
Drawn by: <i>Geo. J. T. Hall</i> Resident Engineer	
Approved by: _____ Consulting Eng. <i>W.C.C.</i>	

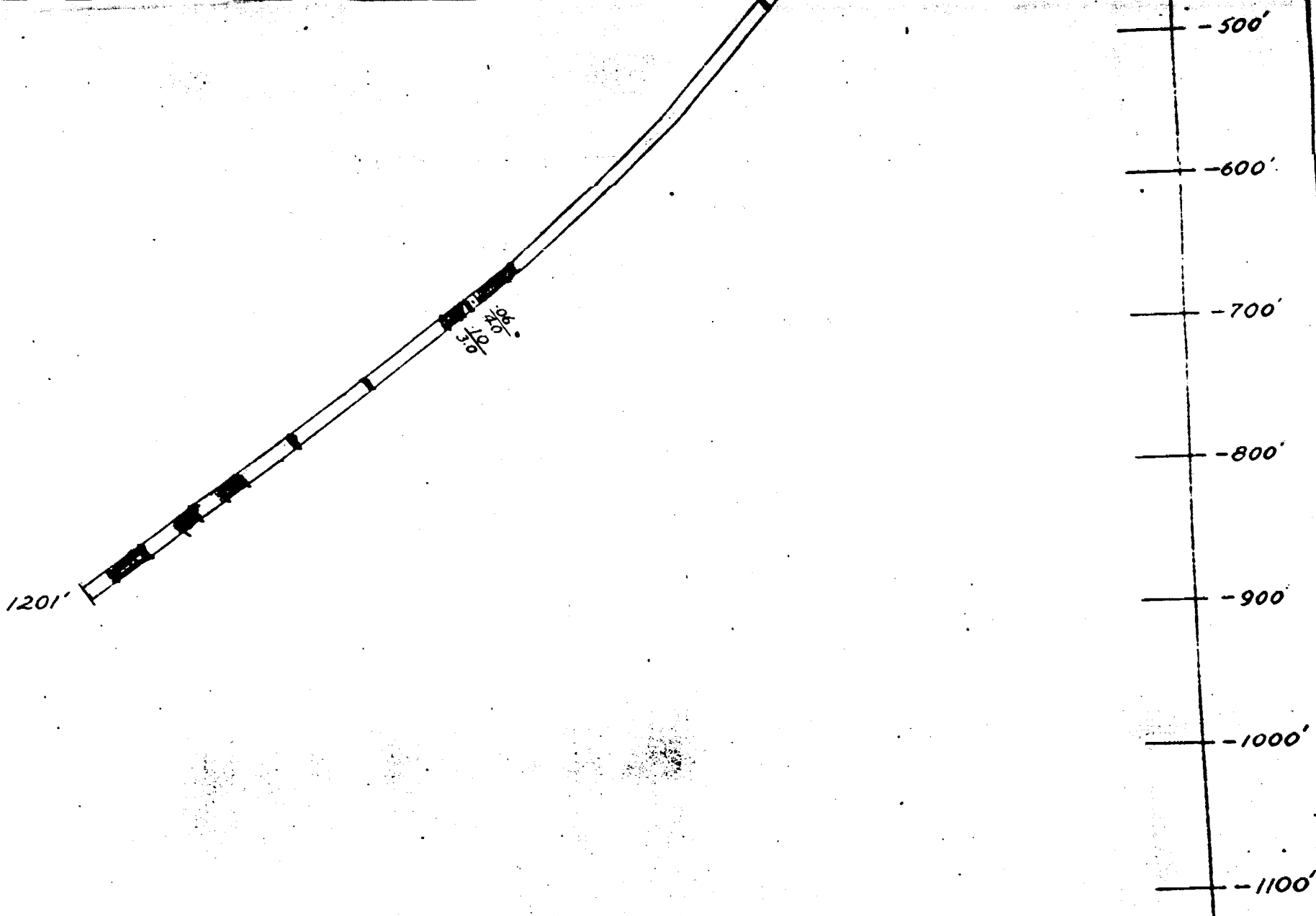
T-143

AZIMUTH = 347°

Ground Elevation = 00

- LEGEND**
-  Sheared and carbonated Andesite
  -  Intrusives - porphyries & diorite
  -  Casing
  -  Assays - Gold in ounces.









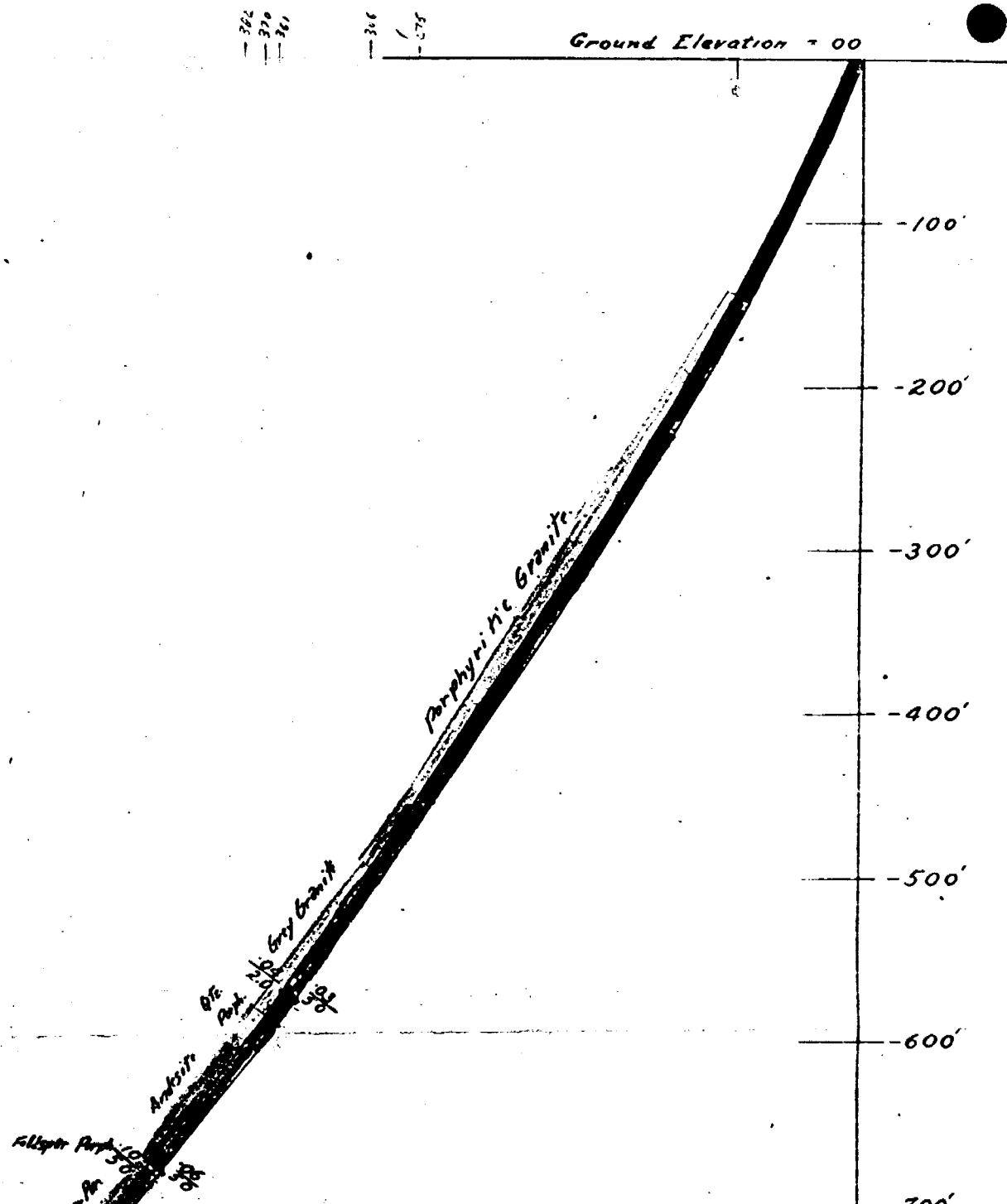
<b>SECTION OF D.D.H. # 8</b>	
SCALE 1"=100'	DATE AUG. 21, 46
Drawn by: <i>W. J. Field</i> Resident Engineer	
Approved by: _____ Consulting Engineer	

AZIMUTH = 337°

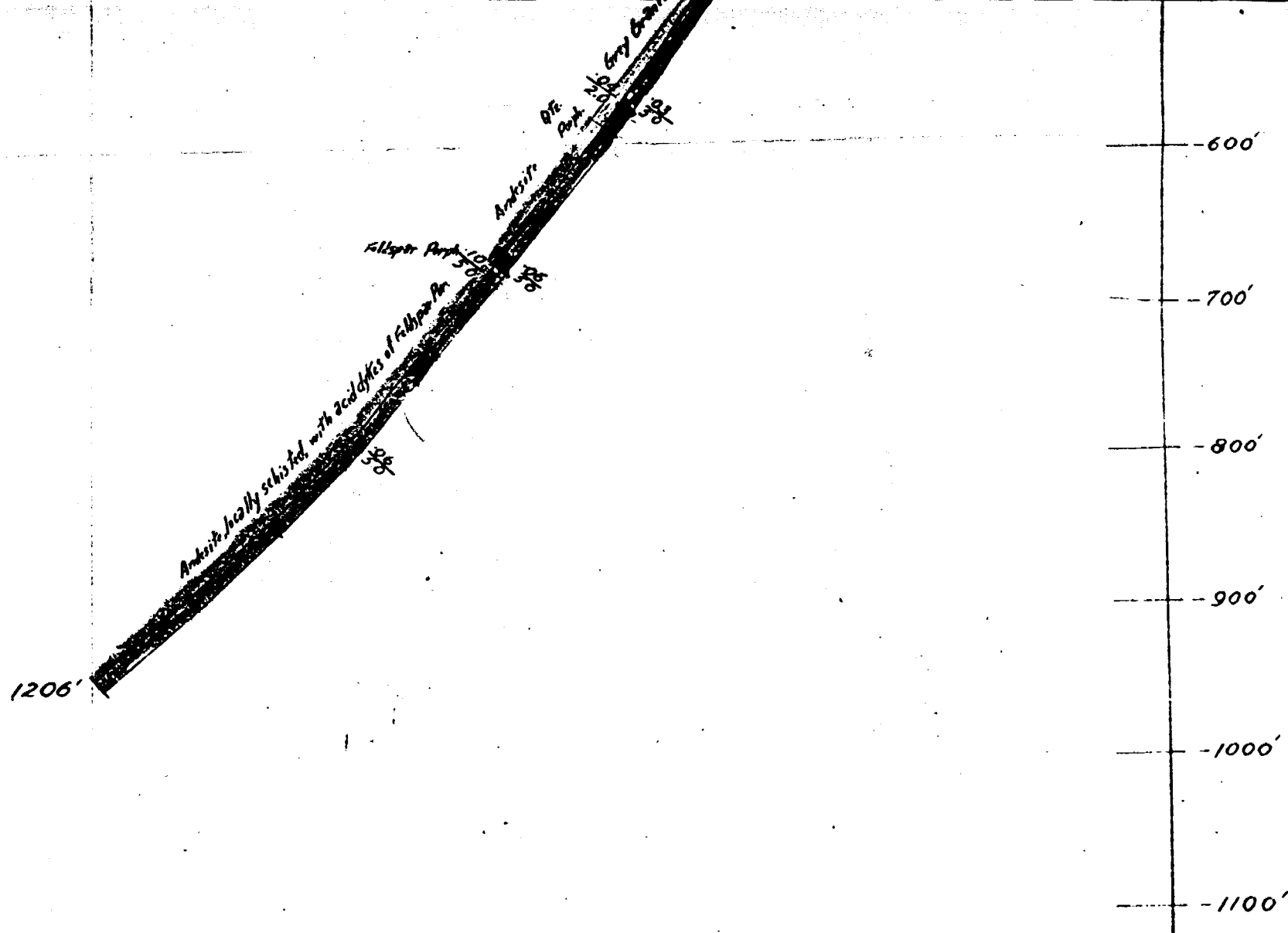
Ground Elevation = 00

### LEGEND

-  Shear and Carbonate Andesite
-  Intrusives - porphyries & diorite
-  Casing
-  Assays - Gold in Ounces







**SECTION OF D.D.H. #9**

SCALE 1"=100'





DATE AUG. 21, '46

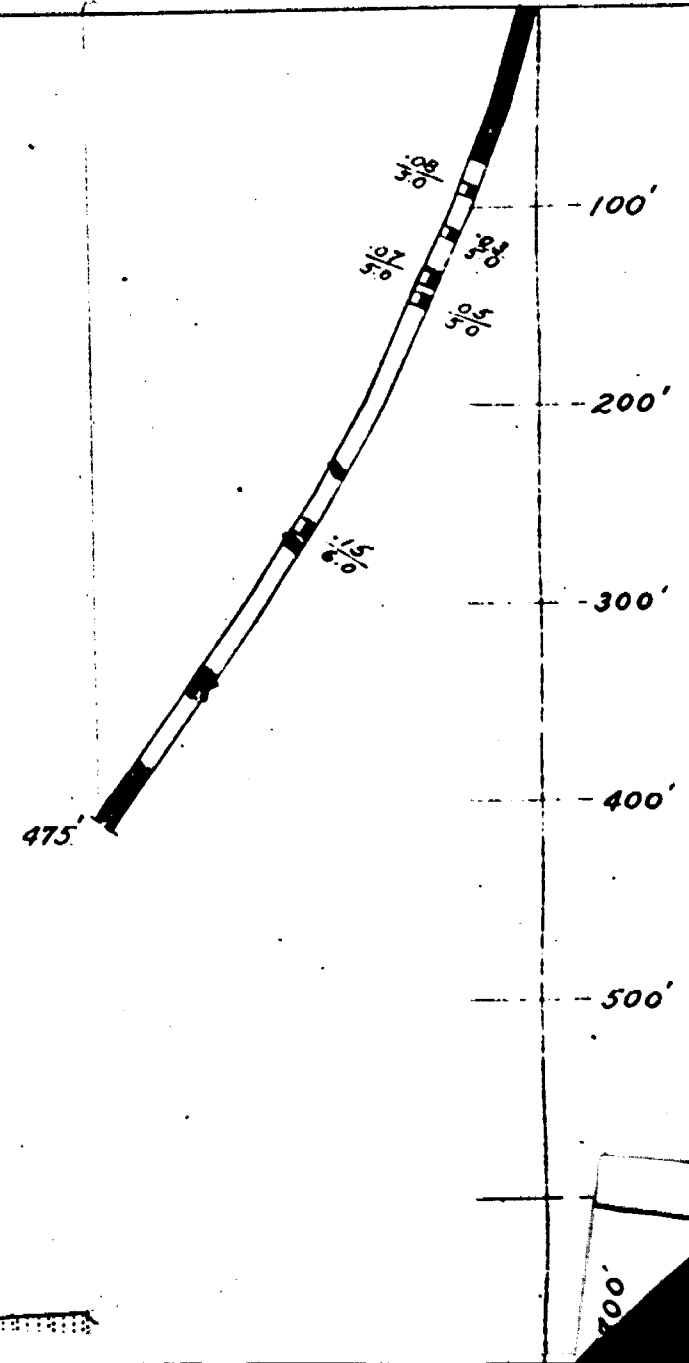
Drawn by: *John W. Lail* Resident Engineer

Approved by: \_\_\_\_\_ Consulting Engineer

AZIMUTH = 340°

Ground Elevation = 00

- LEGEND**
-  Sheared and carbonated Andesite
  -  Intrusives - porphyries & diorite
  -  Casing
  -  Assays Gold in ounces



-600'

-700'

-800'

-900'

-1000'

-1100'

**SECTION OF D.D.H. #10**

SCALE 1"=100'

DATE AUG. 21. 46

Drawn by: *Rou J. Hail* Res. or -1 Eng. near

Approved by: \_\_\_\_\_ Consulting Engineer

T-143







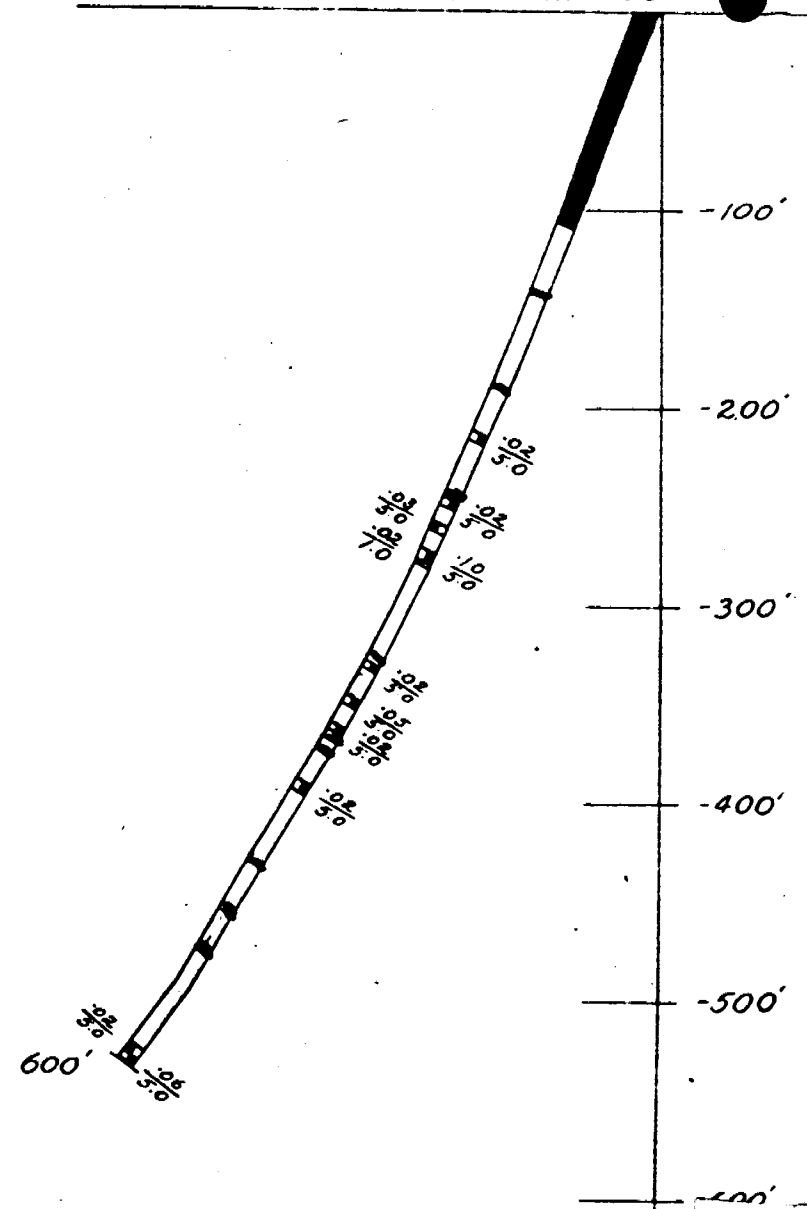


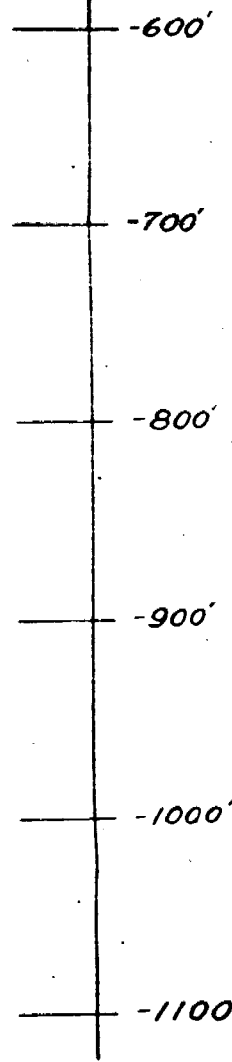
AZIMUTH = 340°

Ground Elevation = 00

### LEGEND

-  Sheared and carbonated Andesite
-  Intrusives - porphyries & diorite
-  Casing
-  Assays - Gold in ounces





**SECTION OF D.D.H. #11**

SCALE 1"=100' | DATE AUG. 21, '46

Drawn by: *Gene W. Hail* Resident Engineer





Approved by: \_\_\_\_\_ Consulting Engineer

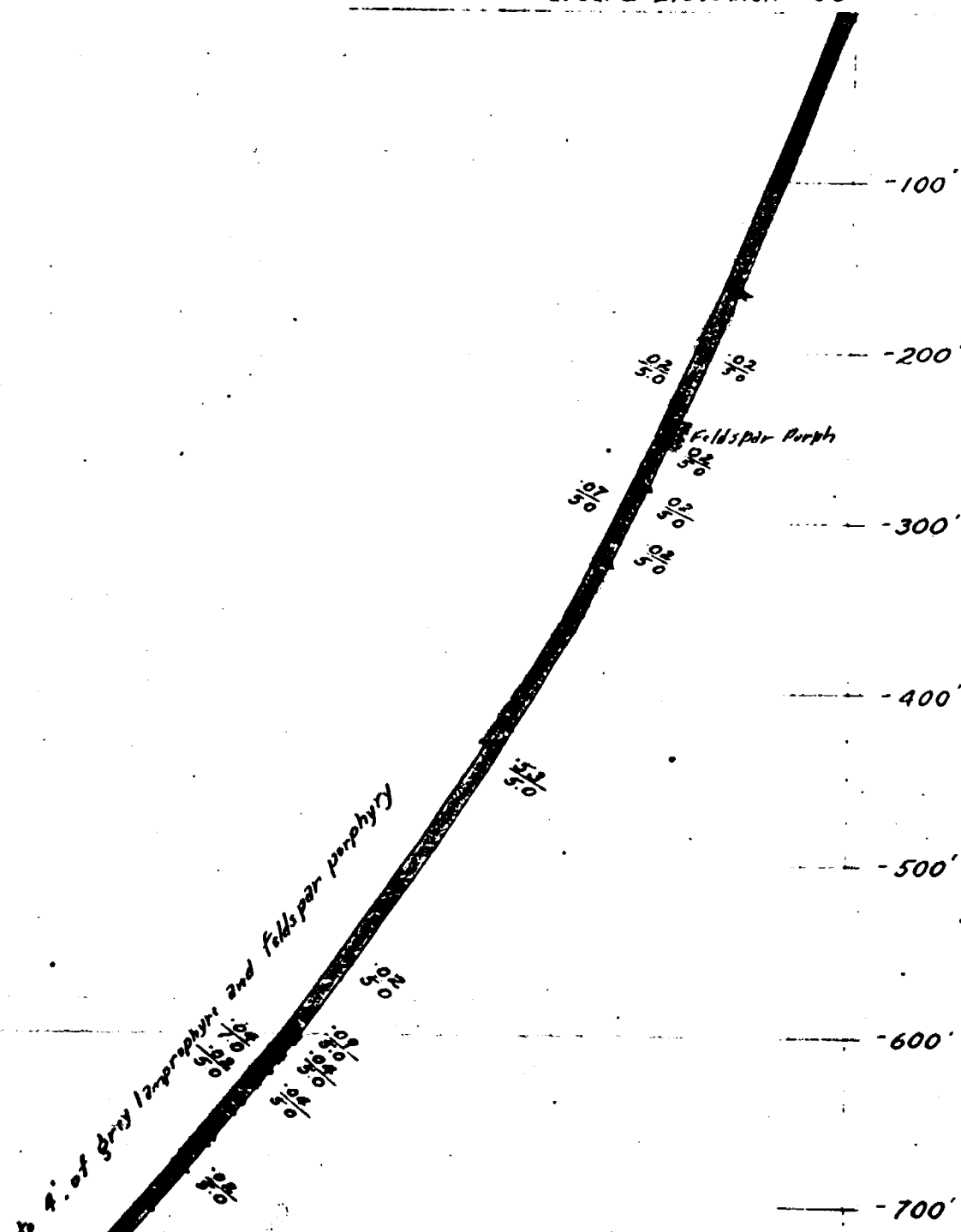
T-143

AZIMUTH = 340°

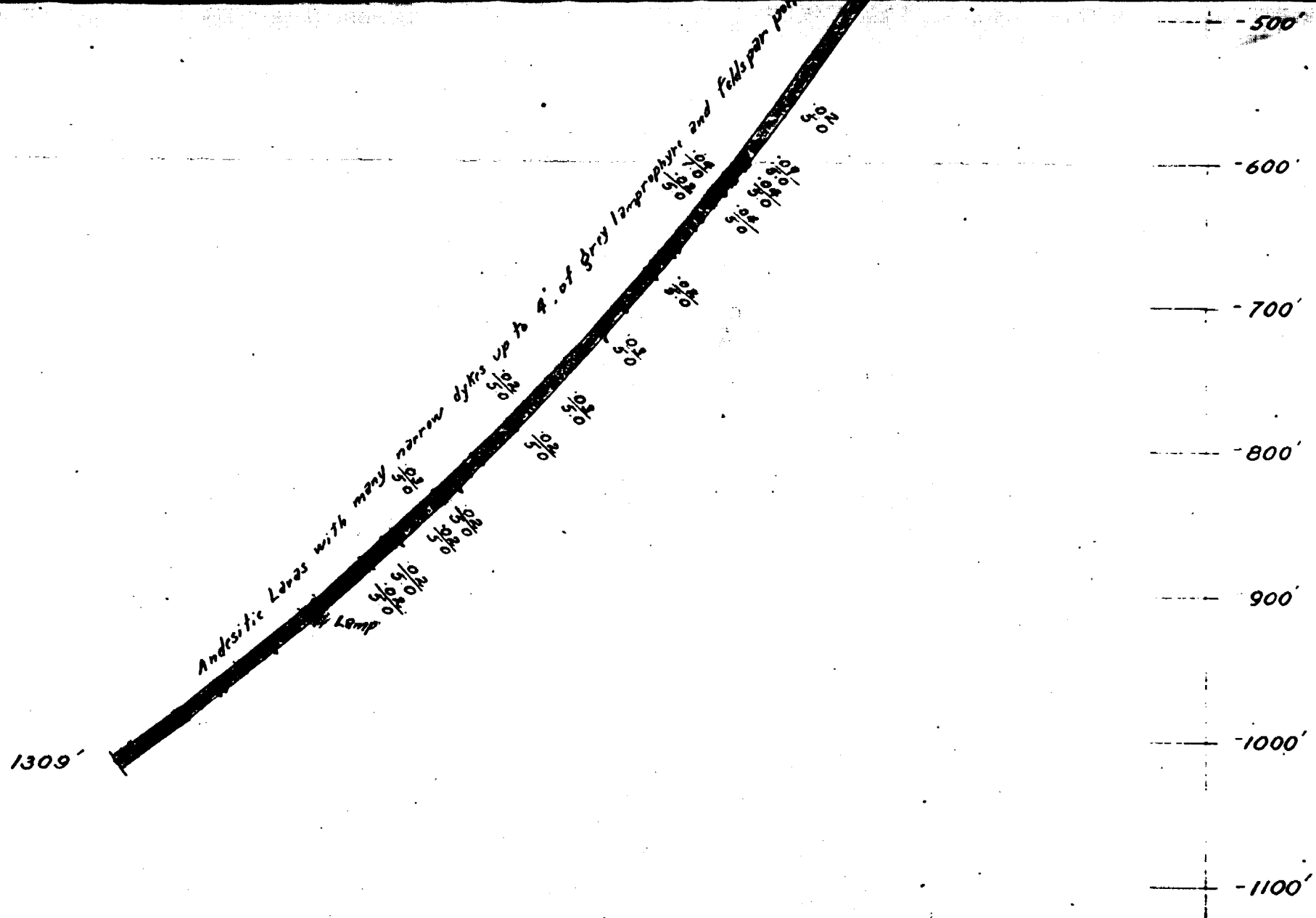
Ground Elevation = 00

### LEGEND

-  Sheared and carbonated Andesite
-  Intrusives - porphyries & diorite
-  Casing
-  Assays - Gold in ounces











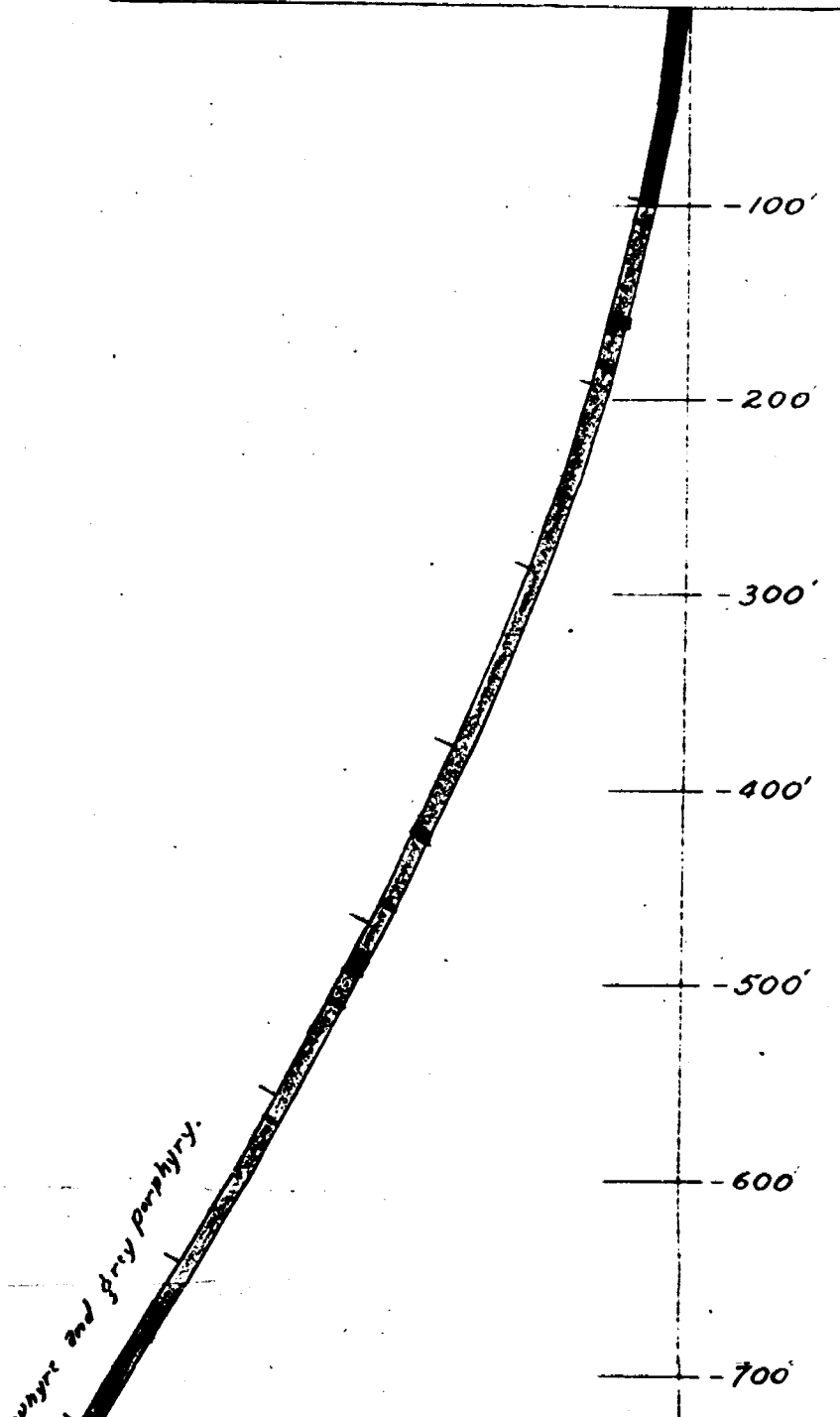
<b>SECTION OF D.D.H. #12</b>	
SCALE 1"=100'	DATE AUG. 21, '46
Drawn by: <i>Gene W. [Signature]</i> Resident Engineer	
Approved by: _____ Consulting Engineer	

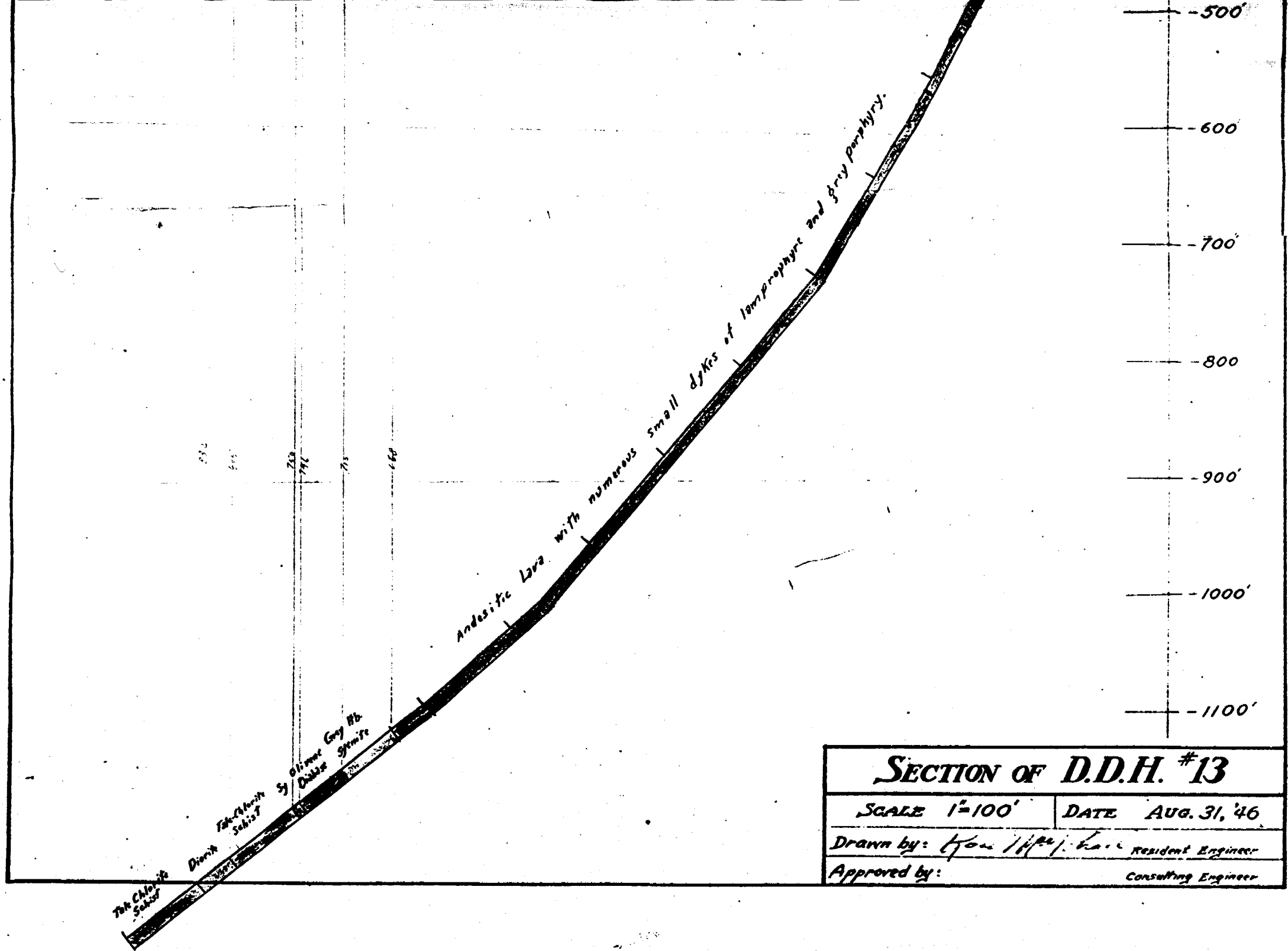
AZIMUTH = 340°

Ground Elevation = 00

### LEGEND

-  Sheared and carbonated Andesite
-  Intrusives - porphyries & diorite
-  Casing
-  Assays - Gold in ounces





**SECTION OF D.D.H. #13**

SCALE 1"=100'

DATE AUG. 31, '46

Drawn by: *Howell* Resident Engineer

Approved by: \_\_\_\_\_ Consulting Engineer

DELDRO

ADAMS

# BALMORAL PORCUPINE MINES

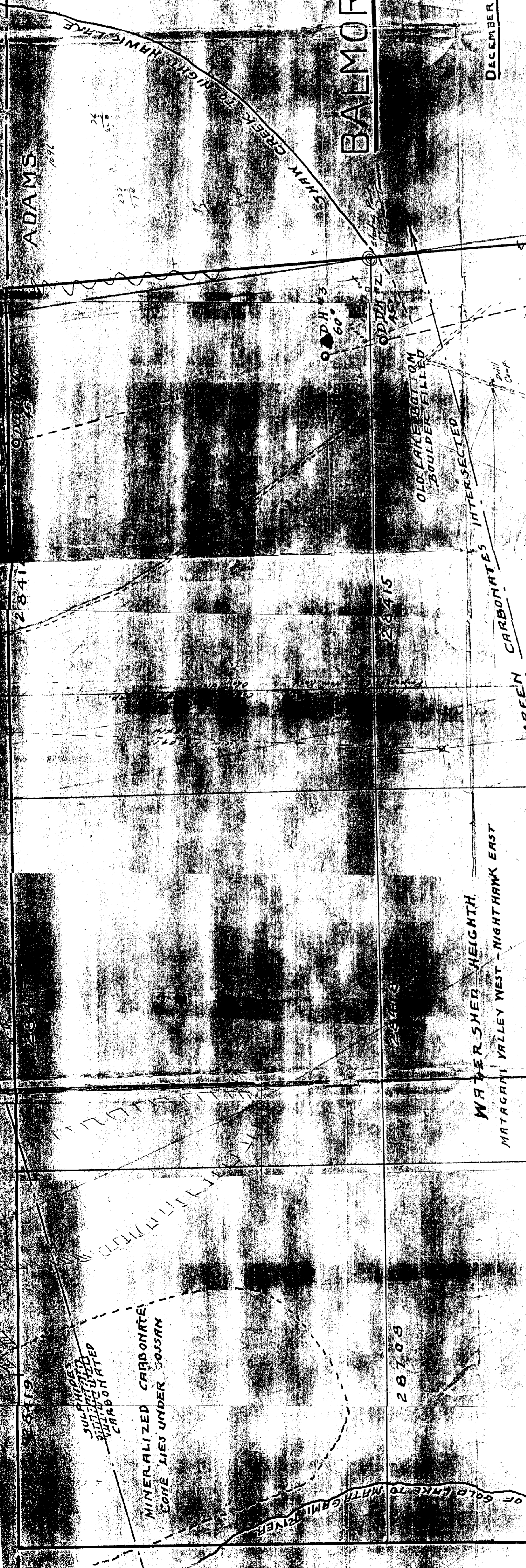
LIMITED

SCALE 1" = 200'

63-4240

*James Watson*

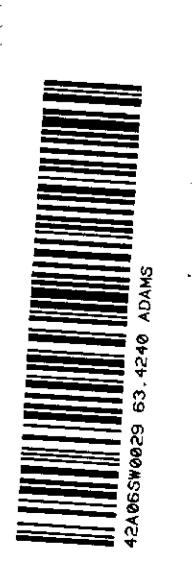
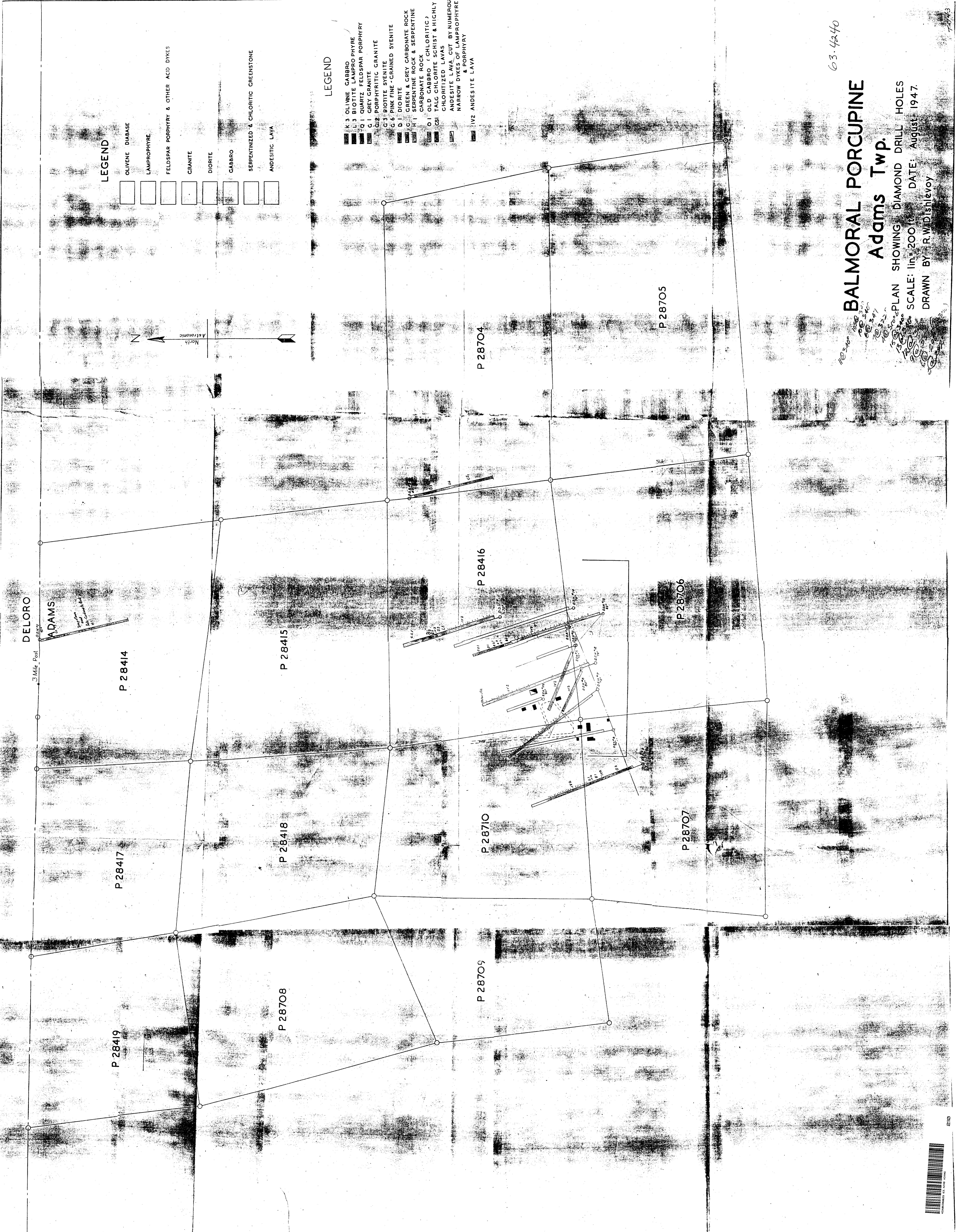
DECEMBER 27<sup>TH</sup> 1945



63-4240

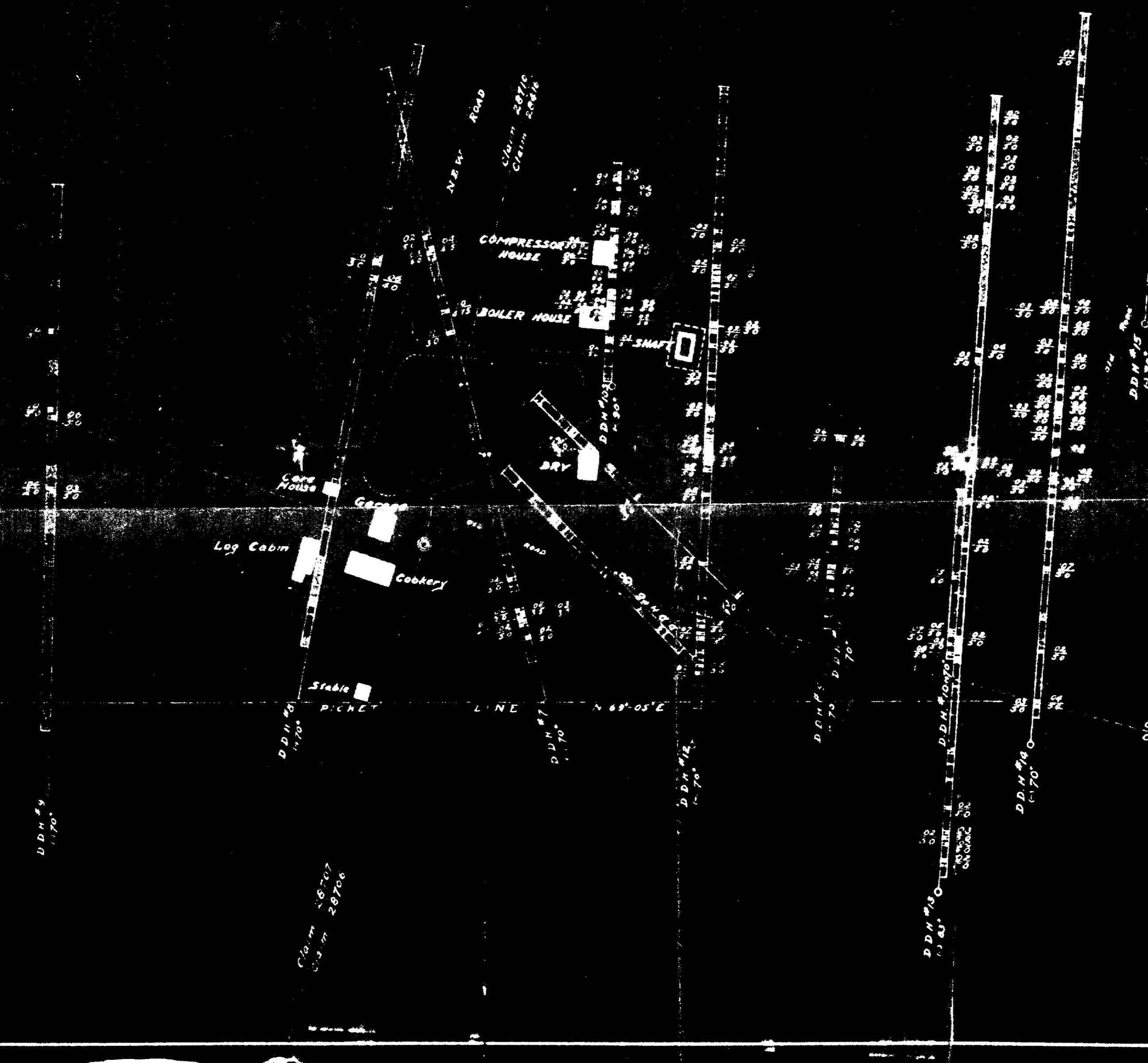
# BALMORAL PORCUPINE Adams Twp.

PLAN SHOWING DIAMOND DRILL HOLES  
SCALE: 1 in. = 200 ft. DATE: August 1947.  
DRAWN BY: R. W. D. Ishévoy





Claim 28716  
Claim 28707



**LEGEND**

- Shears and carbonated Andesite
- Intrusives - porphyries & diorite
- Assays - gold in ounces

**SURFACE PLAN  
OF DIAMOND DRILL HOLES**

BALMORAL PORCUPINE GOLD MINES LTD  
ADAMS TWP - PORCUPINE MINE DIV.

Scale 1" = 100' DATE SEPT 19, 46

Drawn by: *John W. H.* Resident Engineer

Approved by: *Louis H. H.* Consulting Engineer

Revised - Dec. 27, 1946

