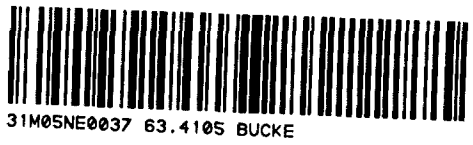
63.4105



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TELEDYNE CANADA, LIMITED

FALCONBRIDGE CLAIM #585

REPORT ON DRILLING RESULTS

September-December, 1981

Cobalt, Ontario
March 26, 1982

R. E. Bresee
Project Engineer
Teledyne Cobalt


(Fort)
CONTACT
SILVER
MINES
Creek
STELLAR
AGAUNICO
COBALT
CONTACT
GREEN-MEEHAN
HARRISON-HIBBERT
RUETHEL
Lot 13
Con I
Lot 14
Con I
CURRY
AGAUNICO
MINES
Bucke Township
Lorrain Township
Bottom of Sill
Fault
State
Lot 1
Con XII
Lot 2
Con XII
Lot 3
Con XII
conglomerate
WOLST-REES
Upper
Lorrain Township

SUMMARY

Teledyne Canada, Limited completed 36 surface diamond drill holes on its 40 acre leased property in Bucke Township, District of Timiskaming on December 16, 1981. The drilling clearly outlined 2 separate zones of vein systems containing significant cobalt and silver values. The property immediately joins the Consolidated Professor Claim #372 on the latter's west boundary.

The two zones have a strike length of 500 feet and 200 feet respectively, and at least one system appears to be an associated extension of the vein systems of the Cobalt Contact property, directly to the north of Claim #585.

Due to the erratic nature of the mineralized zones, it is impractical to calculate a mineable tonnage for the property at this time. In order to enhance our chances of adding this property to the list of Teledyne's potential producers, further exploration must be initiated on Claim #585.

INTRODUCTION

Claim #585 was leased from Falconbridge Nickel Mines Limited on July 1, 1981 for the purpose of exploring for new cobalt reserves to enhance Teledyne's chances of successfully bringing to production a self-sustaining cobalt operation in this area.

On the property adjoining the north boundary of Claim #585 (the Cobalt Contact Mine), a shaft was sunk 215 feet and work carried out on 2 levels (120', 195') exposing the main #3 vein which ran from a point 500 feet north of the boundary (where it was cut off by an east-west fault) to the north boundary of Claim #585. This vein was developped at different times between 1905 and 1940 but not much production was realized. The grade of silver was just too low at that time, although the cobalt grade was quite high. It is not known how much ore was produced from the claim as the records are not available.

Due to these historical facts, Teledyne decided that Claim #585 had good merits as an exploration bet to delineate a possible southerly extension of the Cobalt Contact veins on Claim #585.

As a result, Claim #585 was optioned from Falconbridge as mentioned, and surface diamond drilling was initiated on September 1,

1981. The results were encouraging with the delineation of possibly two separate zones of mineralized veins, although the mineralized sections were erratic.

The work firmed up the hypothesis that in this area of the Cobalt Camp the silver-cobalt deposition was within 150 feet below the Cobalt Series, Keewatin contact. As an added twist, there were some fairly good intersections in the Sediments above the contact.

During the period of September 1-December 16, 1981 Teledyne Canada completed 36 surface drill holes on Claim #585 which outlined 2 mineralized zones. The Main Zone has a north-south strike and quite possibly, is an extension of the #3 vein from the Cobalt Contact Mine. This zone runs for about 500 feet south of the north boundary of Claim #585. The North-West Zone in the north-west corner of the claim is more erratic, but seems to be striking north-northwest and was traced for some 200 feet south of the north boundary of Claim #585. There is approximately 130 feet separating the two vein systems.

The most southerly section of drill holes (T-33,34,35) did encounter cobalt mineralization, and therefore, would indicate that the Main Zone could extend further than 500 feet on Claim #585.

PROPERTY, LOCATION, AND ACCESS

One 40 acre claim (#585) has been leased by Teledyne Canada from Falconbridge Nickel Mines Limited. It is located Bucke Township, District of Timiskaming, and is within 2 miles of the village of North Cobalt and 5 miles from the towns of Haileybury and Cobalt, Ontario. Provincial Road #567 (Lorraine Valley Road-gravel) crosses the claim. Also, an all-weather road to Claim #372 and the old Auagnico Mine traverses the property in an easterly direction at the south end of the claim.

Claim #585 borders on the west boundary of Claim #372 (Consolidated Professor property under lease to Teledyne Canada) where Teledyne's Access Decline is located. The Ramp is approximately 1600 feet east of the veins on the Falconbridge property.

The surface rights are leased from a local family residing on the claim adjacent to Highway #567. Power and water are readily available on or near the claim.

GEOLOGY

The property is immediately underlain by the Nipissing Diabase Sill which in turn is underlain by conglomerates and quartzites of the Huronian Cobalt Series Sediments. The Sediments in turn overlie, unconformably, the Keewatin Volcanic rocks.

Overburden in the northwest corner of the claim is fairly thick at about 40-50 feet and the sediments are very thin, in the order of 10-20 feet, and as well, there is no Diabase present. Proceeding southwest the Diabase gradually enters the picture dipping gently southwest and the Sediments become thicker, filling what seems to be a paleovalley in the Keewatin Volcanics.

At the southerly limit of the diamond drilling (500 feet from the north boundary) the Diabase is about 55 feet thick under 8 feet of overburden. The Sediments are approximately 90 feet thick, and, drill interpretations indicate that the Sediments remain at least the same depth and possibly become thicker as one proceeds further south; afording this area excellent exploration possibilities.

The Sediments will eventually be cut off by the south dipping Diabase Sill, but this is not likely to occur on this claim.

DIAMOND DRILLING RESULTS

Diamond drilling was initiated in such a manner as to test both the possible vein extensions and the structural contours of Claim #585; the latter of which little information was available to base a programme strictly on vein extension probing.

Sections and logs of drill holes T-7 to T-42 inclusive plus assays for cobalt and silver, are included with this report. Barron Diamond Drilling of Haileybury, Ontario drilled 36 holes totalling 10,905 feet of AQ core at a cost of $144,877 (costs are for drilling contract only). The work was done between September 1, 1981 and December 16, 1981.

Out of a total 36 holes, 19 had possible ore grade intersections depending on economics at the time, or 53% of the holes drilled. Of the remaining 17 holes, 13 had indications of mineralization or 36% of the total holes drilled. The remaining 4 holes (T-8, T-35, T-38, T-42) intersected no mineralization of consequence or 11% of the total holes drilled.

In the Cobalt Camp, when 89% of the holes drilled on a property obtain some amount of cobalt or silver mineralization it is a fairly good success ratio, and certainly one which should

warrant further exploration.

Condensed results of drill holes T-7 to T-42 inclusive are summarized on the following pages.

Hole No.	Sample Width	Co. %	Ag. oz/ton	Oth. Assay	Remarks
T-7	2.0 ft.	.032	.90	.98% Pb.	1" qtz. v. with diss. PbS.
T-8		Negligible values			Did not encounter mineralized zone.
T-9	13.0 ft.	.13	-	-	Fine stringers + crystals of cobalt.
	5.5 ft.	.51	-	-	Stringers + blebs Co.
	or 13.0 ft.	.32	-	-	Av. zone.
	0.5 ft.	2.95	.50	-	2" mass. Co. vein.
T-10	0.8 ft.	.29	.36	-	3" qtz.-calcite vein.
T-11	1.5 ft.	.096	54.47	-	3" qtz.-calcite vein with native Ag.
	or 4.5 ft.	-	26.70	-	Av. zone.
T-12	0.3 ft.	.022	2.03	-	4" qtz.-calcite vein.
	or 5.0 ft.	-	.56	-	Av. zone
	1.0 ft.	.18	1.60	.60% Cu.	Qtz.-calc. v. network.
T-13	0.5 ft.	10.80	.73	-	6" mass. Co. vein.
	or 5.0 ft.	2.275	.25	-	Av. zone - diss. Co.
T- 14	0.6 ft.	.67	.07	-	½" Co. + diss. Co.
	0.6 ft.	.58	2.50	1.20% Pb.	Diss. sulphide zone.
	1.0 ft.	1.58	25.56	.30% Bi.	Mass. blebs Co. + native Ag.
	or 3.2 ft.	.63	7.60	-	Av zone
T-15	0.3ft.	.195	3.16	-	¼ ' calcite vein.
	0.3 ft.	.295	5.38	.24% Cu.	¼" calcite vein.

Hole No.	Sample Width	Co. %	Ag. oz/ton	Oth. Assay	Remarks
T-16	3.0 ft.	.32	-	-	Av. zone - Co. crystals
T-17	0.4 ft.	.85	.04	-	2-½" Co. stringers.
	or 5.0 ft.	.12	-	-	Av. zone.
T-18	2.0 ft.	.16	2.20	-	Diss. Co.+Ag. zone.
	0.8 ft.	1.01	11.27	4.12% Bi.	2-¼' Co.+Ag. veins + Diss. Co.
	3.3 ft.	2.12	1.87	-	Diss. sulphide zone.
	4.0 ft.	.115	1.35	2.10% Cu.	Diss. sulphide zone.
T-19	0.4 ft.	.88	.33	-	3" aplite vein.
T-20	1.2 ft.	2.10	1.92	.94% Cu.	1 foot calcite vein with diss. Co.
	or 4.0 ft.	.85	.75	-	Av. zone.
T-21	0.3 ft.	1.16	.02	-	¼" Co. + Diss. Co.
	or 1.4 ft.	.41	-	-	Av. zone.
T-22	4.0 ft.	.85	-	-	Av. zone.Fine Co. diss.
	0.3 ft.	3.75	.33	-	1 " Co. vein.
	or 2.7 ft.	.66	-	-	Av. zone.
	or 5.3 ft.	.38	-	-	Av. zone.
	0.8 ft.	2.04	.87	-	4'' calcite v. + Co.
T-23	4.5 ft.	.23	-	-	Av. zone - diss. Co.
	0.8 ft.	2.76	.08	-	Cobalt stringers.
	or 9.0 ft.	.62	-	-	Av. zone - diss. Co.
	0.6 ft.	.90	7.09	-	1" calcite v. + Co.
	10.5 ft.	-	-	1.17% Zn.	Sulphide zone.

Hole No.	Sample Width	Co. %	Ag. oz/ton	Oth. Assay	Remarks
T-24	1.0 ft.	.64	.09	-	Calcite v. network.
	0.3 ft.	1.70	.46	-	3" calcite v. + Co.
	or 1.3 ft.	.48	-	-	Av. zone.
T-25	0.3 ft.	2.10	.20	-	2-¼" cobalt stringers.
	or 1.3 ft.	.69	-	-	Av. zone.
T-26	0.4 ft.	.44	.27	-	¼" cobalt.
T-27	0.4 ft.	.05	.49	1.52% Cu.	2" calcite + Cu.
T-28	4.5 ft.	-	1.82	2.80% Cu.	Diss. sulphide zone.
	or 15.5 ft.	-	.81	1.43% Cu.	"
	0.5 ft.	.18	.98	1.70% Cu.	5" qtz. v. + diss. Cu.
T-29	6.2 ft.	-	.65	.42% Cu.	Sulphide zone.
	0.5 ft.	.019	.93	1.35% Cu.	2" qtz. v. + diss. Cu.
T-30	0.7 ft.	1.50	.19	-	Mass. Co. blebs.
	or 2.4 ft.	.66	-	-	Av. zone - diss. Co.
	1.5 ft.	1.68	.08	-	3-¼" Co. stringers.
T-31	0.5 ft.	.19	-	-	2" calcite vein.
T-32	0.7 ft.	.165	.36	-	¼" calcite vein.
T-33	1.6 ft.	.48	-	-	2" calc. v. + ½" Co.
T-34	2.0 ft.	.30	-	-	6" aplite + diss. Co. in wall rock.
T-35		Negligible values			Did not intersect mineralized zone.

Hole No.	Sample Width	Co. %	Ag. oz/ton	Oth. Assay	Remarks
T-36	0.5 ft.	.39	-	-	¼" Co. in aplite.
	0.4 ft.	1.68	.10	-	Massive Co. blebs.
	or 1.7 ft.	.40	-	-	Av. zone.
T-37	1.3 ft.	.62	1.28	-	Co. blebs in calcite.
	0.4 ft.	1.64	190.30	-	3 '' calcite with mass. Ag. + Co.
	or 1.9 ft.	.36	41.00	-	Av. zone.
	0.6 ft.	-	.53	-	6'' aplite vein.
T-38		Negligible values			Did not intersect mineralized zone.
T-39	0.4 ft.	.27	2.60	3.10% Cu.	1" aplite + mass. Cu.
	0.6 ft.	7.00	32.69	-	6" calcite with mass. Co. + Ag.
	or 5.0 ft.	1.04	4.61	-	Av. zone - diss. Co.
T-40	0.3 ft.	.98	.09	-	3" aplite + Co. blebs.
	or 2.3 ft.	.22	-	-	Av. zone.
	2.5 ft.	.47	5.18	-	Diss. blebs Co. + Ag.
	or 4.5 ft.	-	3.43	-	Av. zone.
T-41	0.2 ft.	.32	2.11	6.15% Cu.	2" calc. v. + mass. Cu
	0.4 ft.	.215	1.87	-	¼" Co. stringer.
	0.4 ft.	-	1.19	-	1" calcite vein.
T-42		Negligible values			Did not intersect mineralized zone.

NOTE: Sample widths are diamond drill hole intersections and do not represent true widths.

CONCLUSIONS

The surface diamond drill programme outlined significant information on structural geology, and at the same time, delineated what appears to be two distinct zones of vein systems. The Main Zone(500 feet in length)quite possibly is an extension of the Cobalt Contact veins onto Claim #585. The Northwest Zone of 200 feet in strike length, although more erratic, would seem to be a separate, slightly higher grade zone. Both zones appear to be open on strike, but further testing would be required to confirm this.

Structurally, some important facts were exposed by the diamond drilling. Firstly, the work outlined a possible paleovalley in the Keewatin Volcanics which invariably can be good ore concentration areas as past experience has shown in places. Secondly, as we proceed south the Diabase Sill enters the picture becoming thicker as one progresses south. The importance of this fact has yet to be fully investigated, but, it certainly enhances the chances of more mineralized zones being found in close proximity.

The 36 drill holes cut various lengths and vastly different grades of cobalt and silver mineralization. As a result of this erratic distribution, it is almost impossible to calculate a mineable

tonnage, although the drill hole success ratio is almost as good as on the Consolidated Professor Claim #372.

The most significant difference between Claim #585 and Claim #372 is the fact that the mineralized zones on Claim #585, without a doubt, contain much more silver than do the zones on Claim #372.

Claim #585 will have to be tested further before it can be judged as to its production sustaining merits as compared to the excellent property of Consolidated Professor Mines Ltd. (Claim #372) under lease to Teledyne Canada.

Respectfully submitted,

TELEDYNE CANADA LIMITED

R E Bresee

R. E. Bresee
Project Engineer

Cobalt, Ontario

March 26, 1982

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-7

PROPERTY Claim #585

SHEET NO. 1

DATE March 3, 1982

DIP ANGLES Collar = -35° 300' = -36° 626' = -34°	BEARING Due West	LATITUDE	STARTED Sept. 1, 1981
	LENGTH 626'	DEPARTURE	STOPPED Sept. 4, 1981
	LOCATION 610' east, 110' South	ELEVATION 813.99'	LOGGED BY B.B. & M. L.

ROCK of N.W. Corner Cl. #585

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0 - 12'	Casing		17652	1.3'				
					194.7-196		.008	Tr.
12' - 67'	Diabase	Coarse to Medium grained. Fine grained @	17653	1.5'	257.5-259		.005	.03
		contact area (65'-67')	17654	0.3'	259-259.3		.007	.48
			17655	1.2'	259.3-260.5		.006	.17
67' - 140'	Quartzite	Slate-Like Greywacke. Lost part of water	17656	2'	277.5-279.5			
		circulation @ 58'.			.98% Pb.		.032	.90
		67'-71' - Contact Zone, fine grained.	17657	2'	463-465			
		68' - ½" Aplite @ 45° to core axis.			.075% Cu.		.012	.13
		Very fine sulphides @ various places in the	17658	0.7'	484.9-485.6		.003	.10
		Quartzite & on the core ends.	17659	1"	@491.5		.235	.31
		97'-98' - Blebs of Chalcopyrite in the						
		broken core.						
		114'-114.5' - Broken up Quartz vein. No						
		visible mineralization. Probably						
		ground some core.						
		Quartz inclusions continue to 115.5'.						
140' - 185'	Conglomerate							
		Cobalt Series. Contains fine grained pebbles						
		grading to coarser pebbles in a sand matrix						
		and occasionally an included boulder.						
		Composition of pebbles and boulders are						
		varied, but usually include inclusions of						
		Keewatin rocks @ contact with volcanics.						
		Typically will have fine scattered sulphides						
		in places with occasional blebs of Cu. or Pyrite.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-7

PROPERTY Claim #585

SHEET NO. 2

DATE March 3, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY	ASSAY	ASSAY
	Conglomerate							
		Also contains occasional breccia fragments						
		of different composition along with occ.						
		Quartz, Calcite, Aplite stringers.						
		(Hereon referred to as typical Conglomerate)						
		Very fine pebbles mixed with Quartzite						
		140' - 146'						
		Grades to larger pebbles and some boulders @ 156'						
		157' - ½" Aplite @ 45° to core axis (c.a.)						
		158' - Lost more water circulation						
		168.2' - ¼" Aplite @ 50° to c.a.						
		168.4' - ½" Aplite @ 50° to c.a.						
		176' - ½" Quartz V. @ 45° to c.a. with						
		Chalcopyrite (Chalco or Cu.)						
		176'-185' - Scattered sulphide blebs.						
		180' - 1" qtz. v. @ 45° to c.a.						
		182.5' - ½" qtz. v. @ 60° to c.a. with small						
		stringers of minor sulphides in wall rock						
		~~Total loss of water @ 195'~~						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-1

PROPERTY Claim #585

SHEET NO. 3

DATE March 3, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY	ASSAY	ASSAY
185' - 626'	Keewatin Volcanics							
		Volcanic looking in places - green mottled look.						
		Mostly Andesite dark green to green to grey						
		in places. Contains Quartz, Calcite, And						
		Aplite stringers at times. Also contains						
		numerous sulphide stringers, specks, or blotches						
		usually pyrite or chalco and occasionally						
		pyrrhotite, galena, or sphalerite.						
		(from here on referred to as typical Keewatin)						
		195'-196' - Fault zone						
		recemented breccia pieces of qtz. & calcite						
		195' - total loss of water circulation						
		cement with 10 bags fondu.						
		186.8' - ½" qtz. v. @ 70° to c.a.						
		201.5' - 1" calcite v. @ 90° to c.a. with minor Cu.						
		212'-213' - Fault gouge material with minor sulphides						
		216.8' - ½" calcite v. @ 60° to c.a.						
		220.5'-221.5' - Fault zone with sulphide blebs						
		227.3' - ½" qtz. v. @ 45° to c.a.						
		237' - ¼" qtz. v. @ 45° to c.a.						
		258.5'- 1½" qtz. v. @ 45° to c.a. with minor						
		sulphides.						
		259.3' - 1" qtz.+calcite v. @ 60° to c.a.						
		contains possible metallics.						
		273' - ½" calcite v. @ 20° to c.a.						
		275' - ½" qtz. v. @ 45° to c.a.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T

PROPERTY Claim #585

T-7

SHEET NO. 4

DATE March 3, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY	ASSAY	ASSAY
	Keewatin	Volcanics						
		278' - ½" qtz. v. @ 45° to c.a. with minor galena.						
		286-297' - Numerous qtz. calcite stringers & veins at many different angles.						
		301' - ½" qtz. v. @ 30° to core axis.						
		304' - ¼" calcite v. @ 45° to c.a.						
		307' - ½" qtz. v. @ 60° to c.a.						
		318'-328' - Numerous qtz.-calcite stringers with minor sulphides.						
		320.5' - 2" calcite v. @ 45° to c.a.						
		333.5'-345' - Interflow sedimentary, cherty bands altered zone.						
		336' - 3" qtz.-calcite v. with inclusions of wall rock.						
		343' - ½" calcite v. @ 45° to c.a.						
		348.5' - ½" calcite v. @ 30° to c.a.						
		352.5' - ½" calcite v. @ 45° to c.a. with some sulphides associated						
		364.5' - 1" calcite v. @ 45° to c.a.						
		379' - 1" calcite v. @ 20° to c.a. with specs of galena, chalco, & sphalerite.						
		394' - 3" calcite v. @ 45° to c.a. with minor PbS.						
		396'-396.5' - calcite v. network with sulphides.						
		400.5' - 1" calcite v. @ 30° to c.a.						
		407.5'-408' - calcite v. network with sulphides.						
		428' - 3-narrow calcite stringers @ 60° to c.a. with minor sulphides.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-7

PROPERTY Claim #585

SHEET NO. 5

DATE March 3, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY	ASSAY	ASSAY
	Keewatin Volcanics							
		445' - ⅓" calcite v. @ 30° to c.a.						
		460' - 1" calcite v. @ 20° to c.a. with minor sulphides						
		463'-465.5' - cherty bands with massive sulphide stringers.						
		485' - 6" qtz. v. @ 60° to c.a. with minor sulph.						
		487' - 3" ~~aplite~~ qtz. v. @ 45° to c.a.						
		491.5' - 1" aplite @ 60° to c.a.						
		493.5 - 1" qtz.-calcite v. @ 45° to c.a. with minor sulphides.						
		497.3'-497.6' - 3" mud seam(fault)						
		503'-512' - Fault zone broken core.						
		521.5' - ¼" calcite v. @45° to c.a.						
		525' - ½" calcite v. @30° to c.a.						
		534' - Fault zone - 6" recemented breccia.						
		558.5' - 4" Fault zone with ¼" calcite v. @45° to c.a.						
		560'-561' - calcite v. system scattered in all directions.						
		562.8' - 1" calcite v. @ 30° to c.a.						
		563'-566' - Fault zone broken core.						
		569' - broken core-4" calcite v. @ 20° to c.a. with minor sulph. in wall rock.						
		569'-576' - Porphyritic section.						
		584'-626' - more volcanic - dark mottled look						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-7

PROPERTY Claim #585

SHEET NO. 6

DATE March 3, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY	ASSAY	ASSAY
	Keewatin Volcanics							
		583' - ¼" calcite v. @45° to c.a.						
		584' - ¼" calcite v. @45° to core axis.						
626'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breck

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-8

PROPERTY Claim #585

SHEET NO. 1

DATE March 4, 1982

DIP ANGLES Collar=-45° 231' = -47°	BEARING Due West	LATITUDE	STARTED Sept. 8, 1981
	LENGTH 231'	DEPARTURE	STOPPED Sept. 10, 1981
	LOCATION 490' East, 110' South of N.W. Corner Cl. #585	ELEVATION 802.78'	LOGGED BY B.B.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0 - 32'	Casing							
32' - 69'	Quartzite	Slate-like greywacke	17651	4.5'	154-158.5		.003	.01
		32'-35' - oxidized area						
		47'-50' - very fine sulphides						
69' - 99'	Conglomerate	Typical						
		69'-74' - scattered fine sulphides throughout						
		83.5'-85.5 - "						
		95'-97' - "						
99' - 231'	Keewatin Volcanics	Typical						
		105.5' - 1" aplite @ 80° to c.a.						
		116'-117' - breccia zone recemented with calcite						
		117' - lost part of water circulation.						
		119.2' - ½" qtz. v. @90° to c.a.						
		128'-131' - agglomerate section.						
		142'-143.5' - breccia zone recemented with calcite (lost more water circ. @ 143')						
		168' - 2" calcite v. @ 35° to c.a.						
		183'-193' - altered section-with fragments and many blotches & stringers of calcite & aplite + minor sulphides.						
		196.5'-197.5' - Qtz. v. network. Minor calcite stringers + 3" qtz. v. sort of melted into the full length of the core.						
		211' - ½" qtz. v. @ 80° to c.a. with minor sulph.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-8

PROPERTY Claim #585

SHEET NO. 2

DATE March 4, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY	ASSAY	ASSAY
	Keewatin Volcanics							
		226'-228.5' - 2-¼" calcite veins run full length of core.						
		230'-231' - Fault zone - breccia zone broken core with calcite.						
231'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breen

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-9

PROPERTY Claim #585

T-9

SHEET NO. 1

DATE March 4, 1982

DIP ANGLES Collar = -30° 456' = -33.5°	BEARING Due West	LATITUDE	STARTED Sept. 10, 1981
	LENGTH 456'	DEPARTURE	STOPPED Sept. 14, 1981
	LOCATION 490' East, 110' South of	ELEVATION 802.78'	LOGGED BY B.B.
	ROCK N.W. Corner Cl. #585		

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0 - 44'	Casing							
			4860	1.5'	62-63.5		.005	.02
44' - 93'	Quartzite	Slate-like greywacke	4861	5'	94-99		.024	.03
		44'-93' - core is well broken up.	4862	5'	99-104		.099	.13
		59' - lost part of water circulation.	4863	1'	104-105		.195	.04
		63' - sulphide mineralization in fault gouge.	4864	5'	105-110		.140	.04
		80' - lost more water circulation.	4865	1'	110-111		.036	.03
			4866	1'	111-112		.25	.10
93' - 181'	Conglomerate	Typical	4867	1'	112-113		.025	.02
		101' - ¼" calcite with massive chalco. @ 45°	4872	5'	113-118		.010	Tr.
		to c.a.	4873	4'	124-128		.041	.04
		104.7' - ¼" cobalt v.	4874	2'	129-131		.098	.08
		105'-105.8' - recemented boulder(breccia)	4875	1'	131-132		.049	.03
		109.5' - ½" calcite v. @ 20° to c.a. with	4876	1'	132-133		.58	.04
		minor sulphides.	4877	1'	133-134		1.20	.07
		111.5'-112' - Cobalt stringers.	4878	1.5'	134-135.5		.24	.02
		129' - calcite inclusions in a boulder	4879	1'	128-129		.125	.11
		containing minor sulphides.	4880	2'	135.5-137.5		.32	.02
		130' - lost more water circulation.	4881	2'	137.5-139.5		.225	.03
		132' - 3" bleb of cobalt in a boulder.	17643	5.5'	139.5-145		.17	Tr.
		135.5' - cobalt blebs	17644	0.5'	145-145.5		.062	.03
		Fine disseminated cobalt from 132.5'-139.5'.	17645	2'	145.5-147.5		.090	Tr.
		145'-145.5' - 5½" recemented calcite v. with	17646	4.5'	147.5-152		.14	.02
		minor sulphides						
		155' - 1" calcite v. + crystals broken up.						
		165' - lost more water circulation.						
		- @ 2" aplite @ 45° to c.a. with blebs of chalco.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-9

PROPERTY Claim #585

SHEET NO. 2

DATE March 4, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Conglomerate							
		169' - ¼" aplite @ 45° to c.a.						
			17647	1.4'	191-192	4	.007	Tr.
178' - 184'	Contact zone area (mixture of Conglomerate & Keewatin)		17648	0.5'	196-196	5		
						1.02%Pb	.009	.96
181' - 456'	Keewatin Volcanics	Typical						
		184.5-185.5' - Fault zone, broken ground						
		3" calcite section recemented						
		with breccia pieces.						
		192'-193' - 1 foot aplite dike.						
		194' - Fault zone - sand & cave.						
		196' - 2 stringers of fine galena.						
		194.5' - 1" aplite @ 45° to c.a.						
		195.3' - 1½" aplite @ 60° to c.a.						
		196.3' - 1½" qtz.-calcite v. @ 80° to c.a.						
		199' - 1" aplite @ 45° to c.a.						
		200' - "						
		201' - "						
		211' - 1" qtz.-calcite v. @ 20° to c.a. with						
		minor sulphides.						
		222' - 1" qtz. v. @ 20° to c.a.						
		222.7' - ½" calcite v. @ 60° to c.a. with minor Cu.						
		223' - ½" calcite v. @ 45° to c.a. with minor Cu.						
		224.5' - 1" calcite v. @ 80° to c.a. with minor PbS.						
		226' - ¼" massive sulphide stringer.						
		231' - ¼" qtz. v. @ 60° to c.a.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-9

PROPERTY Claim #585

SHEET NO. 3

DATE March 4, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin Volcanics							
		233' - 6" calcite v. network.						
		258.5' - 1" qtz. v. @ 60° to c.a. with chalco blebs.	4882	0.5'	267.5-268		.006	.38
			4883	0.5'	392.5-393		2.95	.50
		266.8'-267.5' - Fault zone-broken core.	4884	1'	391.5-392.5		.052	.20
		267.7 - ¼" massive sulphide stringer.	4885	1'	393-394		.019	.24
		287'-289' - cherty bands with chalco.	17649	6'	305-311			
		290.5' - ½" qtz. v. @ 60° to c.a.			.66%Zn.		.020	.68
		305'-311' - disseminated blebs of pyrite,			.69%Pb.			
		ZnS, & minor chalco.	17650	0.5'	409.5-410			
		310.8' - 3" mud seam.			.54%Zn.		.007	.03
		323.5' - Fault zone - broken core & mud gouge.						
		323'-327' - fine sediments, poss. interflow.						
		328'-331' - Fault zone - broken core, recemented						
		sections with minor calcite crystals.						
		334'-335' - Fault zone						
		334' - ⅛" calcite v. @ 60° to c.a.						
		351'-363' - angular qtz. pieces interbedded,						
		agglomerate.						
		363.4' - ½" qtz. v. @ 60° to c.a.						
		373'-374' - recemented zone with calcite.						
		380.5' - ¼" calcite v. @ 45° to c.a. with						
		minor pyrite & ZnS.						
		392.7' - 1" massive cobalt v. @ 90° to c.a.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-9

PROPERTY Claim #585

T-9

SHEET NO. 4

DATE March 4, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY	ASSAY	ASSAY
	Keewatin Volcanics							
		434.5'-435.5' - qtz. blebs in sulphides.						
		436.5' - ½" qtz. v. @ 30° to c.a.						
		446.2' - ¼" calcite v. @ 35° to c.a. with minor sulphides.						
456'	END OF HOLE							
	CASING LEFT IN HOLE							

R E Breen

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-10

PROPERTY Claim #585

SHEET NO. 1

DATE March 5, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -45°	Due West		Sept. 15, 1981
284' = -46.5°	LENGTH 284'	DEPARTURE	STOPPED Sept. 17, 1981
	LOCATION 490'East, 60'South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0 - 38'	Casing							
38' - 66'	Quartzite	Slate-like greywacke.	17618	0.5'	85.5-86		.004	Tr.
		First 5' somewhat oxidized.	17619	2'	124.5-126.5		.003	Tr.
		occaisional fine chloritic spotting in the	17620	0.5'	126.5-127			
		slate-like bands.				.008%Zn	.002	.02
			17621	2'	127-129		.003	.02
66' - 97'	Conglomerate	Typical	17622	1.2'	190-191	2	.018	.03
		med. grained, no pebbles to 82'.	17623	0.8'	191.2-192		.29	.36
		occ. fine sulphides from 82' to contact.	17624	2'	192-194		.038	.20
		85.5' - poss. fine metallics in aplite.	17625	0.5'	239-239.5		.007	.26
97' - 284'	Keewatin Volcanics	Typical						
		112.5' - ¼" qtz. v. @ 10° to c.a. with minor ZnS.						
		127' - 6" qtz.,calcite,aplite v. @ 60° to c.a.						
		- barren						
		132' - 1" qtz. v. @ 45° to c.a.						
		191.5' - 3" qtz. v. @ 45° to c.a. with pyrite						
		& poss. cobalt at the wall rock contacts.						
		239'-239.5' - metallic blebs & fine sulphide						
		stringers in qtz. v. network.						
284'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Bruce

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. 11

PROPERTY Claim #585

T-11

SHEET NO. 1

DATE March 5, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -30°	Due West		Sept. 17, 1981
450' ==- 33.5°	LENGTH 450'	DEPARTURE	STOPPED Sept. 21, 1981
	LOCATION 490'East, 60'South of	ELEVATION 802.00'	LOGGED BY B.B. & m.l.

ROCK N.W. Corner Cl. #585

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0- 60'	Casing							
60' - 93'	Quartzite	Slate-like greywacke.	14306	1'	165-166		.006	.02
			14307	0.5'	183-183	5	.002	.04
93' - 112'	Conglomerate	Typical	14308	0.3'	192-192	3	.006	.35
		107.5' - recemented calcite vein.	14309	1.5'	239-240	5	.07	.35
			14310	1.5'	301.5-303		.096	54.47
112' - 450	Keewatin	Volcanics Typical	14311	1.5'	311-312	5		
		149' -151' - Fault zone - broken core, mud			.074%Cu.			
		151'-154' - aplite stringer system.			.88% Zn.		.008	.49
		165.5' - 1" calcite v. @ 30° to c.a. with	17753	1.5'	300-301	5	.006	3.99
		minor sulphides.	17754	1.5'	303-304	5	.006	21.60
		169' - 2" qtz.-calcite v. system @ 60° to c.a.						
		179' - 1" calcite v. @ 45° to c.a.						
		183.5' - 6" qtz.-calcite v. @ 45° to c.a.						
		-barren						
		240.3'-241' - Fault zone - broken core- 3"						
		calcite v. recemented;with minor sulph.						
		296.3' - 2" qtz. v. @ 45° to c.a.						
		302' - 3" qtz. v. system @ 60° to c.a.						
		302.7'-303' - 3" qtz. v. network with galena						
		& native silver.						
		309.3' - ¼" calcite v. @ 45° to c.a. with						
		minor PbS.						
		311'-312' - massive + diss. sulphide blebs						
		(pyrite, sphalerite,galena)						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-11

PROPERTY Claim #585

T-11

SHEET NO. 2

DATE March 5, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin Volcanics							
		368'-370' - massive + diss. sphalerite + minor galena.	14312	2.5'	368-370.5			
		414.4'-414.9' - Fault zone - mud;recemented.			1.96%Zn.			
		414.9'-415.3' - 4" qtz. v. - barren.			.425%Cu.		.015	.43
			14313	1'	414.5-415.5		.002	.07
450'	END OF HOLE							
	CASING LEFT IN HOLE							

R.C. Brewer

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. 12

PROPERTY Claim #585

T-12

SHEET NO. 1

DATE March 8, 1982

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -55°	Due West		Sept. 21, 1981
251' = -56.5°	LENGTH 251'	DEPARTURE	STOPPED Sept. 22, 1981
	LOCATION 490'East, 60'South of	ELEVATION 802.00'	LOGGED BY B.B. & M.L.

ROCK N.W. Corner Cl. #585

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 32'	Casing							
32' - 58.5'	Quartzite	Slate-like greywacke	14314	1"	@131.5		N.D.	.07
			14315	2'	208-210			
58,5' - 91'	Conglomerate	Typical			.48% Cu.		.036	.55
		Thin bed.	14316	2.3'	210-212.3		.026	.64
		81' - ½" qtz. v. @ 45° to c.a.	14317	0.3'	212.3-212.6		.022	2.03
			14318	2.4'	212.6-215		.012	.29
91' - 251'	Keewatin Volcanics	Typical	14319	0.7'	223-223.7		.018	.12
		107' - 1" aplite @ 45° to c.a.	14320	3'	244-247		.008	.43
		131' - 1½" qtz.-calcite v. @ 20° to c.a.	14321	0.5'	247-247.5			
		with blebs ZnS.			.90% Cu.		.118	1.58
		180.6' - 2" qtz. v. @ 90° to c.a.	14322	0.5'	247.5-248			
		208.2' - 1" qtz. v. @ 20° to c.a.			.38% Cu.		.24	1.74
		212.3' - 2" qtz. v. @ 80° to c.a. with	14323	1.5'	248-249.5		.016	.28
		massive sulphide stringers.	14324	1.5'	249.5-251		.010	.10
		More mottled look from 226' to end of hole.						
		223' - 1" calcite v. @ 20° to c.a. with						
		sulphide blebs.	N.D. = not detected.					
		245.5' - 1" qtz. v. @ 45° to c.a.						
		247'-249' - Fault zone - broken core + qtz.-						
		calcite stringer network.						
		248' - Massive blebs + diss. cobalt in						
		calcite vein network.						
251'	END OF HOLE							
		CASING LEFT IN HOLE						

R.E. Breen

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-13

PROPERTY Claim #585

T-13

SHEET NO. 1

DATE March 8, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -45°	Due West		Sept. 23, 1981.
253' = -47°	LENGTH 253'	DEPARTURE	STOPPED Sept. 25, 1981.
	LOCATION 490'East, 200'South of	ELEVATION 802.50'	LOGGED BY B.B.
	ROCK N.W. Corner Cl. #585.		

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 12'	Casing							
12' - 42'	Nipissing	Diabase	17604	1"	@138.5		.094	.08
		Coarse to med. grained to 30'.	4886	5'	157-162		.008	.07
		From 30' to contact, finer grained.	4887	5'	162-167		.010	.08
		Numerous qtz., calcite stringers throughout.	4888	4'	167-171		.038	.39
		Lost part of water circulation @ 30'	4889	0.5'	171-171.5		10.80	.73
			4890	2'	171.5-173.5		2.60	.23
42' - 91'	Quartzite	Slate-like greywacke.	4891	2.5'	173.5-176		.31	.17
		Contains minor occ. sulphide specks thruout.						
		Occ. fine chloritic spotted alteration in some slate-like inclusions.						
		Conglomerate inclusions near contact.						
91' - 173.5	Conglomerate	Typical						
		91'-114' - scattered fine pyrite specks throughtout.						
		138.5' - 1" aplite @45° to c.a. with minor sulphides.						
		157'-171' - disseminated fine sulphides.						
		171'-171.5' - 6" Massive cobalt v. with occ. cobalt crystals.						
		171.5'-173.5' - scattered cobalt crystals in aplite & calcite.						
173.5' - 253'	Keewatin Volcanics	Typical						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. 3

PROPERTY Claim #585

T-13

SHEET NO. 2

DATE March 8, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
	Keewatin Volcanics						%	oz/ton
		173.5-176' - numerous sulphide blebs & calcite stringers.	17605	4'	176-180		.041	.22
		182-182.4' - occ. cobalt blebs mixed with chalcopyrite.	17606	1'	180-181		.135	.10
			17607	1'	182-183		.115	.24
		226.5' - 4" qtz. v. @ 45° to c.a. with minor sphalerite.	17608	2'	183-185			
					.64% Cu.		.008	.20
			17609	1'	181-182		.075	.26
			17610	0.4'	226.3-226.7		.002	.06
253'	END OF HOLE							
	CASING LEFT IN HOLE							

R E Breen

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-14

PROPERTY Claim #585

SHEET NO. 1

DATE March 8, 1982.

DIP ANGLES Collar = -30° 396' = -34°	BEARING Due West	LATITUDE	STARTED Sept. 25, 1981.
	LENGTH 396'	DEPARTURE	STOPPED Sept. 29, 1981.
	LOCATION 490' East, 200' South of	ELEVATION 802.50'	LOGGED BY B.B. & M.L.
	ROCK N.W. Corner Cl. #585		

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 16'	Casing							
16' - 54'	Nipissing	Diabase	17747	1.3'	110.7-112		.003	.02
		coarse, grading to med. grained at contact.	17626	0.5'	112-112.5		.11	.14
			17748	1.5'	112.5-114		.002	Tr.
54' - 118'	Quartzite	Slate-like greywacke,	17749	1.6'	130-131.6		.05	.02
		occ. fine sulphide splotches on core ends.	4892	0.6'	131.6-132.2		.67	.07
		¼" cobalt stringer @ 112.3'	17750	1.8'	132.2-134		.19	.02
		97' - lost part of water circulation.	4893	0.6'	152-152.6		.056	.08
		102' - lost more water circulation.	4894	0.5'	152.6-153.1		.26	..14
		112.3' - ¼" cobalt	4895	0.9'	153.1-154		.02	.04
118' - 128'	Contact	zone	17627	2'	158-160		.035	Tr.
		Mixture of Quartzite & Conglomerate.	17628	0.5'	160-160.5		.11	Tr.
			17629	2.5'	160.5-163		.012	Tr.
128' - 241'	Conglomerate	Typical						
		132' - ½" cobalt v. + diss. cobalt in wall rock.						
		153' - ¼" cobalt.						
		160.5' - fine cobalt blebs						
		180' - Fault zone - broken core + recemented calcite.						
		199' - 1" aplite.						
		201' - 6" aplite with minor calcite.						
		235' - complete loss of water circulation cement with 12 bags fondu.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-14

PROPERTY Claim #585

T-14

SHEET NO. 2

DATE March 8, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
241' - 396'	Keewatin Volcanics	Typical					%	oz/ton
		241.5' - 1" calcite v. @ 80° to c.a.	17630	1.1'	247.8-248.9		.005	.14
		248' - massive sulphide stringer.	17751	3'	280-283		.004	.05
		286.5'-309' - Interflow sedimentry tuff	17752	1.4'	283-284.4		.003	.13
		occ. cherty bands;with numerous	17631	0.6'	284.4-285			
		sulphides-ZnS,PbS,pyrite,chalco.			1.2% Pb.		.58	2.50
		also occ. cobalt blebs & stringers.	17632	5'	285-290			
		297.4' - ¼" cobalt in pyrite.			.22% Pb.		.005	.12
		299'-300.5' - massive cobalt+silver blebs in	17633	5'	290-295			
		broken up calcite vein.			.22% Cu.		.016	.10
		358.5' - 1" qtz. v. @ 45° to c.a.	17636	2.3'	295-297.3			
					.44% Cu.		.031	.24
			17637	0.3'	297.3-297.6			
					.43% Cu.		1.68	1.82
			17638	2'	297.6-299.6			
					.68% Cu.		.046	.36
396.'	ENDOF HOLE		17639	0.9'	299.6-300.5			
					.30% Bi.		1.58	25.56
			17640	4.5'	300.5-305			
	CASING LEFT IN HOLE				.26% Cu.			
					.328%Zn.		.012	.38
			17641	4.5'	305-309.5			
					.444%Zn.		.007	.10
			17642	1.3'	394.7'-396			
					.525%Zn.			
					.105%Pb		.009	.18

R.C. Brace

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. 15

PROPERTY Claim #585

T-15

SHEET NO. 1

DATE March 8, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -55°	Due West		Sept. 29, 1981.
	LENGTH 252'	DEPARTURE	STOPPED Sept. 30, 1981.
	LOCATION 490' East, 200' South of	ELEVATION 802.50'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 10'	Casing							
10' - 35'	Nipissing	Diabase	14343	2'	157-159		.031	.20
		Medium grained to 21'	14344	0.3'	159-159.3		.195	3.16
		from 21' to contact fine grained	14345	1.7'	159.3-161		..08	.48
		numerous fine quartz stringers throughout.	14346	2'	161-163		.024	.36
35' - 77'	Quartzite	Slate-like greywacke.						
		fine grained to 70' - coarser grained to 77'						
		fine sulphide stringers & specks scattered throughout.						
77' - 144'	Conglomerate	Typical						
		occ. fine sulphide splotches.						
		128.7' - ¼" qtz. v. @ 45° to c.a.						
		135' - 1" qtz. v. @ 80° to c.a.						
144' - 252'	Keewatin Volcanics	Typical						
		145' - 3" qtz. v. @ 80° to c.a.						
		149' - 4" qtz. v. @ 45° to c.a.						
		157.5'-158.5' - Fault zone - mud seam + recemented rock.						
		159' - ¼" qtz.-calcite v. @ 45° to c.a. with diss. cobalt crystals in wall rock.						
		159' - 161' - very fine cobalt threads.						
		180' - ½" calcite v. @ 45° to c.a.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-15

PROPERTY Claim #585

SHEET NO. 2

DATE March 8, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
	Keewatin Volcanics						%	oz/ton
		180.7' - 1" aplite @45° to c.a.						
		200'-210'- Interflow sedimentary bands - occ.	14347	1'	179-180		.005	.08
		cherty bands & numerous sulphides - diss.	14348	0.3'	180-180.3			
		208.5' - ¼" qtz. v. @ 30° to c.a. with minor			.24% Cu.		.295	5.38
		sulphides.	14349	1.2'	180.3-181.5		.004	.04
		217' - 1"calcite v. @ 45° to c.a. with minor	14350	5'	200-205			
		cobalt blebs.			.64% Cu.		.037	.12
		222.5' - Fault zone - recemented calcite +	17601	5'	205-210			
		wall rock with mass. sulph.			.67% Cu.		.019	.20
		225.5' - ¼" calcite v. @ 60° to c.a. with	17602	1"	@217'		.13	.66
		minor ZnS.	17603	0.5'	222-222.5			
		233.5' - 1" calcite v. @ 45° to c.a.			.018%Cu.		.004	.02
		249.5' - 2" qtz.-calcite v. network @ 45° to						
		c.a. with minor sulphides.						
252'	END OF HOLE							
	CASING LEFT IN HOLE							

R.C. Breske

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-16

PROPERTY Claim #585

T-16

SHEET NO. 1

DATE March 9, 1982.

DIP ANGLES Collar = -45° 287' = -49°	BEARING Due West	LATITUDE	STARTED Oct. 1, 1981.
	LENGTH 287'	DEPARTURE	STOPPED Oct. 6, 1981.
	LOCATION 490' East, 250' South of	ELEVATION 803.50'	LOGGED BY B.B.
	ROCK N.W. Corner Cl. #585		

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 12'	Casing							
12' - 49'	Nipissing	Diabase	4896	5'	163-168		.008	.04
		Coarse to med. grained.	4897	2'	168-170		.28	.03
		42'-49' - fine grained contact zone with minor qtz. stringers.	4898	1'	170-171		.39	.06
			4899	2'	171-173		.061	.04
		Very bad ground & cave at 46' = Fault zone cement with 4 bags fondu.	4900	2'	173-175		.035	.11
			14301	2'	175-177		.07	.12
			14302	5'	177-182		.13	.52
49' - 96'	Quartzite	Slate-like greywacke.						
		Highly oxidized core ends from 49'-59'.						
		77' - 96' - more slatey looking, possible impure slate mixed with greywacke.						
96' - 202'	Conglomerate	Typical						
		fine peebles mixed with occ. sulphides to 137'						
		129.6' - 2" qtz. v. @ 45° to c.a.						
		from 137' on increasing pebble size + occ. boulder.						
		Active ground to 181' with numerous fine sulphides.						
		170'-171' - fine cobalt crystals.						
		175'-177' - fine cobalt crystals.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-16

PROPERTY Claim #585

T-16

SHEET NO. 2

DATE March 9, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
202' - 287'	Keewatin Volcanics	Typical						
		199'-207' - contact zone has fine diss.						
		sulphides & poss. metallics.	14303	3'	199-202		.006	.02
		202' - 1" qtz. v. with massive Pyrite.	14304	3'	202-205		.089	.27
		212' - Massive sulphide blebs.- pyrite.	14305	5'	205-210		.014	.14
		219'-221' - Fault zone - recemented qtz.						
		stringers + wall rock.						
287'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breece

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-17

PROPERTY Claim #585

T-17

SHEET NO. 1

DATE March 9, 1982.

DIP ANGLES Collar = -30° 406' = -29.5°	BEARING Due West	LATITUDE	STARTED Oct. 6, 1981.
	LENGTH 406'	DEPARTURE	STOPPED Oct. 9, 1981.
	LOCATION 490' East, 250' South of N.W. Corner Cl. #585.	ELEVATION 803.50'	LOGGED BY B.B.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 26'	Casing							
26' - 68'	Nipissing	Diabase	17611	1.2'	153-154	2	.004	.02
		Coarse to med. grained to 65'.	17612	1.4'	154.2-155.6		.33	.16
		65'-68' - fine grained contact zone.	17613	3.2'	155.6-158.8		.049	.04
		occ. oxidized core ends.	17614	0.4'	158.8-159.2		.85	.04
			17615	1.3'	159.2-160.5		.011	Tr.
68' - 137'	Quartzite	Slate-like greywacke.	17616	2.5'	160.5-163		.005	Tr.
		Oxidized core ends to 71'.						
		occ. very fine sulphides scattered.						
		occ. slate band inclusions with minor spotted chlorite alteration.						
		near the contact there are inclusions of conglomerate.						
		130' - Fault zone - mud.						
137' - 250'	Conglomerate	Typical						
		137'-146' - Fault zone - badly broken core, heavy amt. of unconsolidated pebbles & sand.						
		153'-160' - fine cobalt stringers + diss. Co.						
		158.8'-159.3' - 2-½" diss. Co. veins.						
		155'5" ¼" cobalt						
		169.5' - 1" qtz.-calcite v. @ 45° to c.a. with minor sulphides.						
		197' - water seam - making water.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-17

PROPERTY Claim #585 T-17

SHEET NO. 2

DATE March 9, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Conglomerate							
250' - 406'	Keewatin Volcanics	Typical	17617	5'	258-263			
		264.8' - 1" calcite v. @ 45° to c.a. with chalcopyrite.			.33% Cu.		.012	.04
		271' - complete loss of water - cement with 12 bags fondu.						
		363.3'-364.6' - Fault zone - broken core, mud seams, &areas of recemented calcite.						
		363'-406' - sort of agglomerate zone - more numerous sulphides-pyrite,chalco,ZnS,PbS.						
		404.5'-405.5' - Fault zone - mud seams + broken core.						
406'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breese

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-18

PROPERTY Claim #585

T-18

SHEET NO. 1

DATE March 10, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -55°	Due West		Oct. 9, 1981.
264' = -56.5°	LENGTH 264'	DEPARTURE	STOPPED Oct. 14, 1981.
	LOCATION 490' East, 250' South of N.W. Corner Cl. #585.	ELEVATION 803.50'	LOGGED BY B.B.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 12'	Casing							
12' - 43'	Nipissing	Diabase	17755	2'	154.5-156.5		.16	2.20
		coarse to med. grained & finer grained near	17756	1'	156.5-157.5		.057	.13
		contact 41'-43'.	14325	2.2'	157.5-159.7		.048	.41
			14326	0.8'	159.7-160.5			
43' - 85'	Quartzite	Slate-like greywacke.			4.12%	Bi.	1.01	11.27
		occ. fine sulphides scattered throughout.	14327	2'	160.5-162.5		.064	.30
			14328	2.4'	193-195.4		.014	.02
85' - 177'	Conglomerate	Typical	14329	1'	195.4-196.4		.04	.50
		134.5' - 1" aplite @ 45° to c.a.	14330	0.3'	196.4-196.7			
		148'-177' - more numerous scattered specks			.56%	Bi.		
		of sulphides throughout.(Cu.,Pb).			6.80%	Ni.	6.70	4.36
		152' - 3" calcite v. system with calc. crystals.						
		154' - Fault zone - lost part of water circ.	14331	1'	196.7-197.7			
		160.2' - 2-¼' Co.+Ag. veins @ 45° to c.a.			.034%	Bi.		
					.53%	Cu.		
177' - 264'	Keewatin	Volcanics Typical			.465%	Ni.	1.68	3.99
		197' - lost more water circulation.	14332	1'	197.7-198.7			
		196.5' - 3" Massive Cobalt vein.			.205%	Cu.	2.70	.27
		196'-199.5' - cobalt stringers + diss. sulph	14333	1'	198.7-199.7			
		199'-213' - Interflow sedimentary band -			1.7%	Cu.	.60	.62
		no chert,diss. sulphides throughout •	14334	2.3	199.7-202			
		occ. blebs cobalt & galena.			6.2%	Cu.	.020	.97

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-18

PROPERTY Claim #585

SHEET NO. 2

DATE March 10, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin Volcanics							
		208'5'-209.5' - diss cobalt + ¼" Co. stringer						
		219'-228' - diss. sulphide section, poss.	14335	4'	202'-206'			
		another interflow band - sulphides not			2.1%	Cu.	.115	1.35
		as pronounced as first interflow band.	14336	2.5'	206-208.5			
		253'-254.2' - Fault zone - gouge + mud seam.			2.4%	Cu.	.008	.40
		261'-262' - diss. sulphides (Cu.+Zn.) in	14337	1'	208.5-209.5			
		flow material.			1.98%	Cu.	.22	.35
			14338	1'	209.5-210.5			
					1.77%	Cu.	.108	.35
			14339	2.5'	210.5-213			
					.78%	Cu.	.004	.06
			14340	5'	218-223			
					1.22%	Cu.	.031	.58
264'	END OF HOLE		14341	3.5'	223-226.5			
					1.60%	Cu.	.008	.74
			14342	1'	261.5-262.5			
	CASING LEFT IN HOLE				.352%	Zn.	.008	.22

R.C. Brace

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-19

PROPERTY Claim #585

T-19

SHEET NO. 1

DATE March 10, 1982.

DIP ANGLES Collar = -45° 287' = -45°	BEARING Due West	LATITUDE	STARTED Oct. 15, 1981.
	LENGTH 287'	DEPARTURE	STOPPED Oct. 16, 1981.
	LOCATION 485'East, 300'South of N.W. Corner Cl. #585.	ELEVATION 804.00'	LOGGED BY B.B.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 18'	Casing							
18' - 51.5'	Nipissing	Diabase	17673	4'	108-112		.001	.03
		coarse to med. grained to 48'						
		from 48'-51.5' finer grained.						
		30.1'-30.4' - qtz. v. network.			SLUDGE			
51.5' - 107.5'	Quartzite	Slate-like greywacke.		10'	70-80		.005	Tr.
		58' - Fault zone - cave - lost part water circulation.		10'	80-90		.006	.04
				10'	90-100		.004	Tr.
		61.3' - ½" qtz. v. @ 45° to c.a.						
		there are numerous slate beds scattered throughout with minor chloritic spotting; not wide enough to log as slate.						
		82'-84' - Major Fault Zone - lost 2' of core, minor amounts of Cu. in what is left. cave, cement with 3 bags fondu.						
		occ. core ends contain splatters of pyrite.						
		88'-107' - badly broken core.						
107.5' - 208'	Conglomerate	Typical						
		107.5'-113' - scattered blebs of chalcopyrite throughout.						
		128' - lost part of water circulation.						
		166.5' - 3" aplite - barren.						
		176' - lost more water circulation.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-19

PROPERTY Claim # 585

T-19

SHEET NO. 2

DATE March 10, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Conglomerate							
		190.5' - 3" aplite with blebs cobalt in wall rock contacts.	17674	2.3'	187-189.3		.001	Tr.
		192.3' - 6" fault zone - with aplite & minor sulphides.	17675	1'	189.3-190.3		.028	.15
			17676	0.4'	190.3-190.7		.88	.33
			17677	1'	190.7-191.7		.022	Tr.
208' - 287'	Keewatin	Volcanics Typical	17678	2.5'	191.7-194.2		.070	.07
		221'-224' - disseminated sulphide section. (ZnS, chalco, & pyrite.)	17679	5'	200-205		.005	.11
			17680	2'	250.4-252.5		.010	.02
		252.4'-252.8' - 5" qtz. v. @ 45° to c.a. with wall rock inclusions.	17681	0.4'	252.4-252.8		.011	.02
			17682	2'	252.8-254.8		.004	.02
		277.5'-279' - diss. sulphide zone. (Cu.&Zn.)	17683	2'	277-279			
					1.30% Cu.		.004	.41
287'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breske

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-20

PROPERTY Claim #585

T-20

SHEET NO. 1

DATE March 10, 1982.

DIP ANGLES Collar = -55° 271' = -57°	BEARING Due West	LATITUDE	STARTED Oct. 19, 1981.
	LENGTH 271'	DEPARTURE	STOPPED Oct. 21, 1981.
	LOCATION 485' East, 300' South of	ELEVATION 804.00'	LOGGED BY B.B.
	ROCK N.W. Corner Cl. #585.		

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Cu. %	ASSAY Ag. oz/ton
0' - 14'	Casing							
14' - 45'	Nipissing	Diabase	17660	0.5'	197.5-198		.010	.05
		coarse to med. grained & finer grained near	17665	2'	227-229		.081	.42
		contact.	17661	1.3'	229-230.3		.145	.11
			17662	1.2'	230.3-231.5			
45' - 90'	Quartzite	Slate-like greywacke.				.94% Cu.	2.10	1.92
			17663	1.5'	231.5-233		.045	.38
90' - 190'	Conglomerate	Typical	17664	2'	233-235		.004	.13
		106'-123' - very badly broken core - sand matrix.						
		129' - 1" qtz. v. @ 30° to c.a. with minor chalco. blebs.						
		161.5'-163' - Fault zone - broken core - recemented sections - mud.						
190' - 271'	Keewatin Volcanics	Typical						
		191' - Fault zone - complete loss of water circulation - cement with 9 bags fondu.						
		193.8' - 1" calcite v. @ 90° to c.a.						
		197.8' - ½" qtz. v. @ 45° to c.a. with sulph						
		229.9' - 1" qtz. v. @ 45° to c.a.						
		230.3'-231.5' - 1 foot calcite v. @ 45° to c.a. with waal rock inclusions + massive cobalt blebs + chalco throughout.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-20

PROPERTY Claim #585

T-20

SHEET NO. 2

DATE March 10, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin Volcanics							
		237' - 1" calcite v. @ 45° to c.a. with massive pyrite blebs.	17666	1'	258.5-259.5		.003	.15
		260' - ¼" qtz. v. @ 60° to c.a. with minor galena.	17667	0.5'	259.5-260		.11	1.93
			17668	1'	260-261		.012	.20
271'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breen

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-21

PROPERTY Claim #585

T-21

SHEET NO. 1

DATE March 10, 1982.

DIP ANGLES Collar = -30° 350' = -28°	BEARING Due West	LATITUDE	STARTED Oct. 21, 1981.
	LENGTH 350'	DEPARTURE	STOPPED Oct. 23, 1981.
	LOCATION 485'East, 300'South of	ELEVATION 804.00'	LOGGED BY B.B.
	ROCK N.W. Corner Cl. #585.		

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 24'	Casing							
24' - 80.5'	Nipissing	Diabase	17669	1.6'	157-158.6		.005	Tr.
		coarse to med. grained to 77'	17670	0.3'	158.6-158.9		1.16	.02
		from 77' to contact finer grained - chilled.	17671	1.1'	158.9-160		.21	Tr.
			17672	0.5'	274.5-275		.008	Tr.
80.5' - 149'	Quartzite	Slate-like greywacke.						
		111'-112.5' - Fault zone = lost 1½ feet core.						
		lost part of water circulation.						
					SLUDGE			
149' - 247'	Conglomerate	Typical						
		158' - fault zone - broken core.		10'	100-110		.005	.07
		158.6' - 1" calcite v. @ 60° to c.a. - @ wall		10'	110-120		.005	.01
		rock contact is ¼" cobalt v. + diss. Co.		10'	120-130		.005	.02
		166'-186' - numerous slate-like inclusions						
		with minor chloritic spotting.						
		212.5'-213' - aplite v. network.						
		242.5'-244' - qtz.-calcite v. system &assoc.						
		fault zone. (243.6'-244')						
247' - 350'	Keewatin Volcanics	Typical						
		274.5' - 1" qtz. v. @ 30° to c.a. with minor						
		metallics.						
		282'-285' - breccia zone.						
		283.5' - bleb of metallics (Pb or Ag.)						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-21

PROPERTY Claim #585

T-21

SHEET NO. 2

DATE March 10, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY	ASSAY	ASSAY
	Keewatin Volcanics							
		285.5' - 1½" calcite v. @ 45° to c.a. - barren						
		289.5' - Fault zone - with 5" qtz.-calcite vein network - barren.						
		311'-350' - Interflow sedimentary band. minor chert - numerous sulphides throughout this section - esp. ZnS.						
350'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Bruce

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-22

PROPERTY Claim #585

SHEET NO. 1

DATE March 11, 1982.

DIP ANGLES Collar = -45° ; 228' = -47°	BEARING Due West	LATITUDE	STARTED Oct. 26, 1981.
	LENGTH 228'	DEPARTURE	STOPPED Oct, 27, 1981.
	LOCATION 250'East, 60'South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 52'	Casing							
52' - 117'	Conglomerate	Typical	17684	2'	72-74		.005	.02
		very active ground throughout.	17685	1'	74-75		.78	.02
		6" bed of quartzite @ 52'	17686	1'	75-76		1.12	Tr.
		65.5' - 1" aplite @ 45° to c.a.	17687	1'	76-77		1.08	Tr.
		74'-77' - fine disseminated cobalt	17688	1'	77-78		.40	Tr.
		blotches of cobalt @ 76.5'.	17689	2'	78-80		.023	.02
		106' - 1" massive cobalt bleb + diss. around.	17690	2.6'	103-105.6		.095	.08
		106.8' - ¼" cobalt stringer.	17691	0.3'	105.6-105.9		3.75	.33
		107.3' - ¼" cobalt stringer.	17692	1.1'	105.9-107		.46	.26
		108.1' - ¼" cobalt stringer.	17693	1.3'	107-108.3		.12	.02
			17694	1'	108.3-109.3		.08	.06
117' - 228'	Keewatin Volcanics	Typical	17695	2.2'	109.3-111.5		.005	.02
		117.5'-117.8' - 4" calcite v. + calcite V.	17696	4.7'	111.5-116.2		.003	Tr.
		network with massive cobalt blebs.	17697	1'	116.2-117.2		.003	.02
		124.5'-125.5' - Fault zone - broken core +	17698	0.8'	117.2-118		2.04	.87
		mud.	17699	1'	118-119		.005	Tr.
		140'-140.5' - Fault zone - broken core+mud	17700	2.5'	174.5-177			
		174.5'-177' - sulphide section - diss. Zn.+Pb.			2.85% Pb.		.006	.64
		196' - 1" aplite + aplitev. network.	17701	3'	177-180		.005	.14
228'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Besse

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-23

PROPERTY Claim #585

SHEET NO. 1

DATE March 11, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -55°	Due West		Oct. 28, 1981.
221' = -56.5°	LENGTH 221'	DEPARTURE	STOPPED Oct. 28, 1981.
	LOCATION 250'East, 60'South of N.W. Corner Cl. #585.	ELEVATION 802.00'	LOGGED BY B.B.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 46'	Casing							
46' - 49'	Quartzite	Slate-like greywacke.	17702	2'	50-52		.22	.02
		46'-49' - stretched core - only 1.5' of core in box.	17703	1'	52-53		.18	Tr.
			17704	0.5'	53-53.5		.62	Tr.
			17705	1'	53.5-54.5		.12	Tr.
49' - 106'	Conglomerate	Typical	17706	2'	54.5-56.5		.050	Tr.
		52'-53' - very fine metallic material.	17707	3'	70-73		.009	Tr.
		74.4' - fine blebs + stringers of cobalt	17708	1'	73-74		.60	.02
		77.8' - disseminated cobalt.	17709	0.7'	74-74.7		1.00	.02
		78.1' - 2-¼" cobalt stringers.	17710	1.3'	74.7-76		.11	.02
		100.6' - ½" cobalt vein + disseminated.	17711	1.7'	76-77.7		.34	Tr.
		101.3' - ¼" cobalt vein + diss.	17712	0.8'	77.7-78.5		2.76	.08
		102.5' - ¼" cobalt vein + diss.	17713	1.2'	78.5-79.7		.80	Tr.
		104' - ¼" cobalt vein + diss.	17714	2.3'	79.7-82		.16	Tr.
			17715	2'	98-100		.08	.02
106' - 221'	Keewatin Volcanics	Typical	17716	1.3'	100-101.3		.22	.02
		139.6' - 2" qtz. v. @ 45° to c.a. - barren	17717	1.2'	101.3-102.5		.14	.02
		137.5'-143' - diss. Cu. + Zn. section.	17718	1.2'	102.5-103.7		.015	.02
		143.4' - 1" aplite @ 30° to c.a. with mass. blebs chalcopyrite.	17719	1.8'	103.7-105.5		.007	.31
		154.8' - 1" calcite v. @ 30° to c.a. with mass. blebs of cobalt + ZnS. + Ag.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-23

PROPERTY Claim #585

T-23

SHEET NO. 2

DATE March 11, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin Volcanics							
		155'-156.8' - Fault zone - broken + recemented						
		core + mud.	17720	2.3'	151-153.3		.002	.03
		182'-193' - Interflow SED. bands - with	17721	1'	153.3-154.3		.008	.22
		cherty sections + diss. ZnS, PbS., Cu.	17722	0.6'	154.3-154.9		.90	7.09
			17723	1.1'	154.9-156		.031	.19
			17724	2'	156-158		.006	.15
			17725	5'	182.5-187.5			
					.675%Zn.		.004	.17
			17726	5.5'	187.5-193			
					.35% Cu.			
					1.62%Zn.		.08	.44
221'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Bruce

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-24

PROPERTY Claim #585

T-24

SHEET NO. 1

DATE March 11, 1982.

DIP ANGLES Collar = -45° 221' = -48°	BEARING Due West	LATITUDE	STARTED Oct. 29, 1981.
	LENGTH 221'	DEPARTURE	STOPPED Oct. 30, 1981.
	LOCATION 225'East, 60'South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 46'	Casing							
46' - 52'	Quartzite	Slate-like greywacke.	17727	1.2'	77-78.2		.056	Tr.
			17728	0.9'	78.2-79.1		.64	.09
52' - 118'	Conglomerate	Typical	17729	0.9'	79.1-80		.028	Tr.
		78.4'-79' - calcite v. system with diss.	17730	4.5'	80-84.5		.004	Tr.
		cobalt in wall rock contact.	17731	1'	84.5-85.5		.12	Tr.
		85.5'-85.8' - 3" calcite v. @ 60° to c.a.	17732	0.3'	85.5-85.8		1.70	.46
		with massive cobalt blebs.	17733	1.2'	85.8-87		.007	Tr.
		52'-114' - core is badly broken up.	17734	2.5'	147.5-150			
					2.08% Pb.		.005	.55
118' - 221	Keewatin	Volcanics Typical	17735	1.2'	160-161.2			
		147'-162' - Interflow Sed. band - no chert.			.52% Cu.		.003	.30
		147'-150.2' - diss. sulphides - esp.PbS.	17736	0.3'	190.6-190.9		.008	.39
		160'-161.2' - qtz. v. network with minor						
		diss. PbS. + chalco.						
		190.5' - 1" qtz. v. @ 45° to c.a. with Cu.						
		216' - 3" massive pyrite vein.						
221'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Brace

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-25

PROPERTY Claim #585

SHEET NO. 1

DATE March 11, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -45°	Due West		Nov. 2, 1981.
221' = -46°	LENGTH 221'	DEPARTURE	STOPPED Nov. 3, 1981.
	LOCATION 250'East, 120'South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 66'	Casing							
66' - 131'	Conglomerate	Typical	17737	2.6'	93-95.6		.08	.02
		96.8' - 2-¼" cobalt stringers + diss. Co.	17738	1'	95.6-96.6		.27	.05
		131'-134' - contact zone - mixture of	17739	0.3'	96.6-96.9		2.10	.20
		Conglomerate + Keewatin Volcanics.	17740	1'	96.9-97.9		.021	Tr.
			17741	2.1'	97.9-100		.006	Tr.
131' - 221'	Keewatin Volcanics	Typical						
		very bleak looking volcanics.						
		minor qtz. - calcite stringers scattered						
		sparsely throughout.						
221'	END OF HOLE							
	CASING LEFT IN HOLE							

R.A. Breese

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-26

PROPERTY Claim #585

SHEET NO. 1

DATE March 11, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -55°	Due West		Nov. 3, 1981.
220' = -55°	LENGTH 220'	DEPARTURE	STOPPED Nov. 4, 1981.
	LOCATION 250'East, 120'South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 58'	Casing							
58' - 118'	Conglomerate	Typical	17742	2'	104-106		.010	.03
		badly broken ground to 81'.	17743	1'	106-107		.043	Tr.
		70' - complete loss of water circulation.	17744	0.4'	107-107.4		.44	.27
		82' - bad cave in hole - could not pull rods.	17745	1'	107.4-108.4		.023	Tr.
		cement with 2 bags fondu.	17746	2'	108.4-110.4		.004	Tr.
		107.2' - ¼" cobalt stringer + diss. Co.						
118' - 220'	Keewatin Volcanics	Typical						
		140' - 3" qtz. v. @ 60° to c.a. with minor chalcopyrite.						
		this hole also very inactive - like T-25.						
220'	END OF HOLE							
	CASING LEFT IN HOLE							

R. Rebrecca

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-27

PROPERTY Claim #585

SHEET NO. 1

DATE March 11, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -45°	Due West		Nov. 5, 1981.
231' = -45.5°	LENGTH 231'	DEPARTURE	STOPPED Nov. 6, 1981.
	LOCATION 310'East, 200'South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 40'	Casing							
40' - 64.5'	Quartzite	Slate-like greywacke. - with occ. slate	17757	2.2'	172-174.2		N.D.	.10
		bands including.	17758	0.4'	174.2-174.6		.05	.49
			17759	2.4'	174.6-177		.004	.27
64.5' -145'	Conglomerate	Typical						
		72'-72.8' - Fault zone with chalco. crystals.						
		occ. slate-like bands to 78'						
		83.5-84' - Fault zone - with recemented						
		angular pieces.		N.D. = not detected.				
		133'-144' - more active ground.						
		135.2'-136.5' - Fault zone - recemented rock-						
		+ mud + broken core.	17758		1.52% Cu.			
			17759		.46% Cu.			
145' - 231'	Keewatin Volcanics	Typical						
		174.5' - 2" calcite v. network with recemented						
		angular pieces + diss. Cu. - esp.						
		near wall rock contacts.						
		otherwise, bleak looking Keewatin throughout						
		this hole						
		217'-225' - cherty section.						
231'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breece

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-28

PROPERTY Claim #585

SHEET NO. 1

DATE March 11, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -55°	Due West		Nov. 6, 1981.
261' = -54.5°	LENGTH 261'	DEPARTURE	STOPPED Nov. 10, 1981.
	LOCATION 310'East, 200'South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 36'	Casing							
36' - 58'	Quartzite	Slate-like greywacke	17760	5.5'	138-143	5		
		36'-48' - badly broken core - Fault zone.				.14% Cu.	.004	.14
		lost approx. 6 feet of core.	17761	4.5'	143.5-148			
		48' - cave-rods getting stuck in hole.				2.55% Pb.		
		cement with 2 bags fondu.				2.80% Cu.	.008	1.82
		44.5'-48' - broken ground recemented with	17762	0.2'	148-148	2	.005	.36
		fondu by the diamond drillers.						
58' - 130'	Conglomerate	Typical						
		slate-like inclusions from 58'-67'.			SLUDGE			
		63' - several sulphide stringers with calc.		4'	36-40		.005	.03
		crystals around.		10'	40-50		.004	.02
		69'-71' - vug-like depressions with calcite						
		crystals + occ. sulphides.						
		generally, conglomerate is not very active.						
130' - 261'	Keewatin Volcanics	Typical						
		132' - ½" calcite v. @ 60° to c.a.						
		141.5'-159' - Interflow banded sediments						
		(Tuff), with diss. sulphides throughout						
		esp. chalco + galena.						
		143.5'-147' - massive zone of Cu. + Pb. +						
		poss. Co. + Ag.						
		148' - 1" calcite v. @ 45° to c.a. with poss. metallics.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-28

PROPERTY Claim #585

T-28

SHEET NO. 2

DATE March 11,1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin Volcanics							
		157'-158' - massive + diss. blotches of chalco + galena.	17763	4.8'	148.2'-153			
		159'-159.4' - 3" calcite v. @ 45° to c.a.			1.14%Cu.		.017	.46
		163' - 1" calcite v. @ 30° to c.a. with chalcopyrite.	17764	4'	153-157			
					.42% Cu.		.006	.21
		181.3'-181.7' - 5" qtz. v. network with diss. chalcopyrite.	17765	2'	157-159			
					1.20% Cu.		.052	.63
		223' - ½" calcite v. @ 60° to c.a. with poss. galena.	17766	0.4'	159-159.4		.003	.02
			17767	3.6'	159.4-163		.026	.19
		250'-258' - disseminated sulphide zone. esp. sphalerite + galena.	17768	0.3'	163-163.3		.004	.14
			17769	1.7'	163.3-165			
					.11% Cu.		.002	.07
			17770	1.3'	180-181.3		.004	.05
			17771	0.5'	181.3-181.8			
					1.7% Cu.		.18	.51
			17772	0.8'	181.8-182.6		.006	.03
			17773	0.7'	186-186.7			
					.51% Cu.		.005	.11
261'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Besse

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-29

PROPERTY Claim #585

T-29

SHEET NO. 1

DATE March 12, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -35°	Due West		Nov. 10, 1981.
246' = -38.5°	LENGTH 246'	DEPARTURE	STOPPED Nov. 11, 1981.
	LOCATION 310'East, 200'South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 48'	Casing							
48' - 74.5'	Quartzite	Slate-like greywacke.	17774	2'	146-148		.001	Tr.
			17775	0.6'	148-148	6	.020	.03
74.5' - 165'	Conglomerate	Typical	17776	1.4'	148.6-150		N.D.	Tr.
		119.4'-119.8' - 5" aplite v. system	17920	2'	159-161		.020	.05
		no apparent mineralization.	17921	2'	161-163		.006	.15
		conglomerate more active from 144' on.	17777	3'	163-166			
		148' - very fine blebs of cobalt.			.39%	Cu.	.018	.75
			17778	2'	166-168			
165' - 246'	Keewatin Volcanics	Typical			.48%	Cu.	.02	.42
		165.7'-168' - altered zone with chalcopyrite	17779	1.2'	168-169	2		
		+ cobalt stringers.			.42%	Cu.	.005	.76
		173.3'-173.5' - 2" qtz. v. @ 90° to c.a.	17922	2.8'	169.2-172		.049	.47
		with chalcopyrite.	17923	1.4'	172-173.4		.007	.30
		again, very inactive looking volcanics.	17780	0.5'	173.4-173.9			
					1.35%	Cu.	.019	.93
			17924	1.1'	173.9-175		.007	.28
246'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breece

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-30

PROPERTY Claim #585

SHEET NO. 1

DATE March 12, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -45°	Due West		Nov. 11, 1981.
275' = -48°	LENGTH 275'	DEPARTURE	STOPPED Nov. 12, 1981.
	LOCATION 485'East, 450'South of N.W. Corner Cl. #585.	ELEVATION 804.00'	LOGGED BY B.B.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 20'	Casing							
			17781	4'	30-34		.002	.02
20' - 88'	Nipissing	Diabase	17782	6'	34-40		.009	.02
		coarse to med. grained to contact .	17783	1.8'	52-53.8		.017	.03
		there are 2 areas of oxidized iron	17784	5'	155-160		.004	.02
		formation : 1) 35'-39'	17785	1.8'	160-161.8		.011	.03
		2) 52'-53.5'	17786	1'	161.8-162.8		.018	.02
		iron formation assoc. with calcite v.	17787	0.7'	162.8-163.5		1.50	.19
		running full length of core in both	17788	1.2'	163.5-164.7		.022	.04
		cases, with occ. sulph. mixed in.	17789	0.5'	164.7-165.2		1.02	.09
			17790	1.1'	165.2-166.3		.011	.02
88' - 122'	Quartzite	Slate-like greywacke.	17791	2.7'	166.3-169		.011	.02
		occ. inclusions of slate.	17792	5'	169-174		.003	Tr.
			17793	5'	174-179		.005	.03
122' - 203'	Conglomerate	Typical	17794	4'	179-183		.003	.02
		slate-like bands intermixed to 139'	17795	1'	183-184		.005	.02
		162.5'-163.3' - disseminated cobalt.	17796	0.5'	184-184.5		.006	.02
		164.4'-164.8' - diss. Co. around ½" aplite.	17797	1.5'	184.5-186		.006	Tr.
		198.5'-199.5' - 3-1" cobalt veins + diss. Co	17798	5'	186-191		.003	.03
		184' - ¼" cobalt +diss. Co.	17799	5'	191-196		.048	.03
		very active conglomerate in this hole.	17800	2'	196-198		.009	.05
			17801	1.5'	198-199.5		1.68	.08
203' - 275'	Keewatin	Volcanics Typical	17802	1.5'	199.5-201		.020	.06
		241.8'-242.2' - 5" qtz.-calcite v. system.	17803	2'	201-203		.008	.11
			17804	0.4'	241.8-242.2		.003	.02
275'	ENDOF HOLE							
	CASING LEFT IN HOLE							

R.C. Beese

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-31

PROPERTY Claim #585

SHEET NO. 1

DATE March 12, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -55°	Due West		Nov. 12, 1981.
278' = -56.5°	LENGTH 278'	DEPARTURE	STOPPED Nov. 16, 1981.
	LOCATION 485' East, 450' South of	ELEVATION 804.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag, oz/ton
0' - 18'	Casing							
18' -83'	Nipissing	Diabase	17805	5'	128-133		.004	.03
		coarse to med. grained to 79'.	17806	5'	133-138		.003	.02
		42.5'-50.5' - highly oxidized core.	17807	0.9'	201.9-202.8		.016	.03
		79'-83' - chilled - fine grain diabase.	17808	0.5'	202.8-203.3		.19	.02
			17809	1'	203.3-204.3		.004	.04
83'- 107'	Quartzite	Slate-like greywacke.	17925	2'	255-257		.009	.03
		core is oxidized on the ends to 88'.	17810	1.4'	257-258.4		.006	.25
		86.5'-88' - Fault zone - badly broken core + mud seams.	17926	1.6'	258.4-260		.002	.13
107' - 188'	Conglomerate	Typical						
		153.3'-153.8' - Fault zone - broken core + mud seams.						
		153' - lost part of water circulation.						
188' - 278'	Keewatin Volcanics	Typical						
		203' - 2" qtz. v. with sulphides + broken rock & possible cobalt.						
		210.1' - ½" qtz. v. @ 80° to c.a.						
		258' - 3- qtz.-calcite v. systems over 9" of core length - apparently barren.						
		272' - 2" qtz.-calcite v. @ 60° to c.a. barren.						
278'	END OF HOLE	CASING LEFT IN HOLE						

R.C. Breese

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-32

PROPERTY Claim #585

T-32

SHEET NO. 1

DATE March 12, 1982.

DIP ANGLES Collar = -30° 320' = 31.5°	BEARING Due West	LATITUDE	STARTED Nov. 16, 1981.
	LENGTH 320'	DEPARTURE	STOPPED Nov. 18, 1981.
	LOCATION 485'East, 450'South of	ELEVATION 804.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 28'	Casing							
28' - 100.5'	Nipissing Diabase	oxidized core ends in places. coarse to med. grained to 96'. from 96' to contact - fine grained. 86.6' - 1" calcite v. @ 80° to c.a.(barren) 99.5' - 1" qtz. v. @ 60° to c.a. (barren).	17811	1'	161.7-162.7		.036	.04
			7812	0.7'	162.7-163		.165	.36
			17813	1'	163-164		.100	.06
			17814	0.5	250-250.5		.005	.02
			17815	1.6	254-255.6		.004	Tr.
			17816	0.6	255.6-256.2		.002	.04
			17817	0.8	256.2-257		.004	.02
100.5'-156.5'	Quartzite	Slate-like greywacke. more slatey looking from 110'-134'. some conglomerate sections mixed in near contact.						
156.5'-245'	Conglomerate	Typical 162.8' - ¼" calcite v. @ 60° to c.a. with chalco + poss. cobalt. active conglomerate in this hole, but little evidence of mineralization.						
245' - 320'	Keewatin Volcanics	Typical 250' - 2" calcite v. @ 60° to c.a. (barren) 256' - 6" calcite v. @ 45° to c.a. (barren) 257.2' - 2" calcite V. @ 45° to c.a.(barren)						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-32

PROPERTY Claim #585

SHEET NO. 2

DATE March 12, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin Volcanics							
		260.5'-262.5' - Fault zone - broken core +						
		calcite v. network throughout.	17818	4'	257-261		.003	.02
		284.6' - 1" calcite v. @ 45° to c.a.	17819	1.5'	261-262.5		.008	Tr.
		(barren).						
320'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breen

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-33

PROPERTY Claim #585

SHEET NO. 1

DATE March 12, 1982.

DIP ANGLES Collar = -45° 282' = -47°	BEARING Due West	LATITUDE	STARTED Nov. 19, 1981.
	LENGTH 282'	DEPARTURE	STOPPED Nov. 20, 1981.
	LOCATION 490'East, 500'South of N.W. Corner Cl. #585.	ELEVATION 804.00'	LOGGED BY B.B.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 14'	Casing							
14' - 95'	Nipissing	Diabase	17820	3'	164-167		.017	Tr.
		coarse to med. grained to 89'.	17821	0.9'	167-167.9		.20	Tr.
		89'-95' - finer grained near contact.	17822	0.7'	167.9-168.6		.85	.26
		90' - 1" aplite (barren)	17823	1.4'	168.6-170		.034	.02
			17824	3'	170-173		.15	Tr.
95' - 120'	Quartzite	Slate-like greywacke.	17931	2'	173-175		.003	Tr.
		occ. splotches of pyrite on core ends.	17932	6'	175-181		.007	TR.
120' - 196'	Conglomerate	Typical						
		120'-133' - slate-like inclusions throughout.						
		137.5'-138.5' - Fault zone - broken core.						
		168' - 2" calcite-aplite v. system with ½" cobalt v. + diss. cobalt contained.						
		182.5' - 1" qtz.-aplite v. @ 45° to c.a. (barren)						
		active conglomerate throughout - but little mineralization.						
196' - 282'	Keewatin Volcanics	Typical						
		very simple looking volcanics - little activity -few veins & no mineralization to speak of.						
282'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Bruce

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. 34

PROPERTY Claim #585

T-34

SHEET NO. 1

DATE March 16, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -55°	Due West		Nov. 20, 1981.
317' = -56.5°	LENGTH 317'	DEPARTURE	STOPPED Nov. 24, 1981.
	LOCATION 490'East, 500'South of	ELEVATION 804.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 12'	Casing							
12' - 83'	Nipissing	Diabase	17825	1.5'	195.5-197		.012	Tr.
		coarse to med. grained to 80'.	17826	0.7'	197-197.7		.64	.10
		80'-83' - finer grained near contact.	17827	1.3'	197.7-199		.110	.02
			17927	2'	199-201		.003	.02
83' - 106'	Quartzite	Slate-like greywacke.	17928	2'	201-203		.003	.02
		occ. fine sulphides in places.						
106' - 172'	Conglomerate	Typical						
		occ. slate-like bands in places to 129'.						
		122' - ¼" Qtz. v. @ 40° to c.a. (barren).						
		148.2'-150' - Fault zone - broken core + minor mud seams.						
172' - 178'	Keewatin Volcanics							
		probably an inclusion into the conglomerate.						
178' - 186'	Conglomerate	Typical						
		occ. boulders.						
186' - 317'	Keewatin Volcanics	Typical						
		197'-197.6' - 6" aplite with diss. cobalt in the wall rock contacts + cobalt blebs in dike itself.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-34

PROPERTY Claim #585

T-34

SHEET NO. 2

DATE March 16, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
	Keewatin Volcanics						%	oz/ton
		232'-234' - 2' Fault zone - broken core + Mud seams.	17828	0.5'	274-274.5		.011	.48
		253.5'-257' - Fault zone - broken core - recemented breccia pieces with calcite throughout. Occ. mud seams.	17929	2'	272-274		.002	.03
			17930	1.6'	274.5-276.1		.003	.02
		274.2' - ½" calcite v. @ 45° to ca. with pyrite						
		290.5' - ½" calcite v. @ 60° to c.a. with galena + pyrite.						
317'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Beese

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-35

PROPERTY Claim #585

SHEET NO. 1

DATE March 16,1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -30°	Due West		Nov. 24, 1981.
315' = -29°	LENGTH 315'	DEPARTURE	STOPPED Nov. 26, 1981.
	LOCATION 490'East,500'South of N.W. Corner Cl. #585.	ELEVATION 804.00'	LOGGED BY B.B.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 20'	Casing							
20' - 99'	Nipissing	Diabase	17829	2'	229-231		.005	.02
		coarse to med. grained to 96'.	17830	2.5'	262.5-265		.006	.05
		from 96' to contact - fine grained.						
		68.4' - ½" calcite v. @ 20° to c.a. (barren).						
99' - 155.5'	Quartzite	Slate-like greywacke.						
		occ. fine pyrite on core ends.						
155.5' -262'	Conglomerate	Typical						
		conglomerate becomes more active from 194' to Keewatin contact.						
		229.5'-231' - Fault zone - broken core peppered with aplite stringers - no apparent mineralization.						
		230' - lost part of water circulation.						
262' - 315'	Keewatin Volcanics	Typical						
		262'-263.5' - calcite-aplite v. network - no visible mineralization.						
		volcanics are very simple looking throughout & have little or no mineralization.						
315'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Bresse

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-36

PROPERTY Claim #585

SHEET NO. 1

DATE March 16, 1982.

DIP ANGLES Collar = -45° 280' = -40°	BEARING Due West	LATITUDE	STARTED Nov. 27, 1981.
	LENGTH 280'	DEPARTURE	STOPPED Dec. 1, 1981.
	LOCATION 475'East, 350'South of	ELEVATION 804.00'	LOGGED BY B.B.
	ROCK N.W. Corner Cl. #585.		

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 16'	Casing							
16' - 62'	Nipissing	Diabase	17831	0.4'	32.7-33.1		.009	.04
		coarse to med. grained to 53'	17832	2.5'	136-138.5		.009	.02
		fine grained from 53' to contact.	17833	1'	138.5-139.5		.019	.02
		33' - 1" calcite v. @ 60° to c.a. with minor	17834	0.5'	139.5-140		.39	.02
		chalcopyrite.	17835	1'	140-141		.018	Tr.
			17836	2.5'	141-143.5		.006	Tr.
62' - 112'	Quartzite	Slate-like greywacke.	17837	3'	166-169		.004	.02
		Occ. fine Qtz. + calcite stringers.	17838	1.3'	169-170.3		.009	Tr.
		occ. fine sulphide specks on core ends.	17839	0.4'	170.3-170.7		1.68	.10
			17840	1.3'	170.7-172		.011	Tr.
112' - 204'	Coglomerate	Typical	17841	2.5'	172-174.5		.005	Tr.
		very few slate-like bands in this hole.						
		140.8' - ¼" cobalt + diss. Co. near aplite V.						
		system.						
		156.7' - ½" aplite @ 45° to c.a. (barren)						
		168.5'-168.9' = Fault zone - broken core.						
		170.3'-170.7' - broken core - calcite v.						
		network with diss. cobalt.						
		185'-204' - more numerous specks of chalco.						
204' - 280'	Keewatin Volcanics	Typical						
		204' - 1" aplite @ 45° to c.a. with minor						
		chalco.						
		218.5' - 1" aplite @ 70° to c.a. with poss.						
		fine metallics.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-36

PROPERTY Claim #585

T-36

SHEET NO. 2

DATE March 16, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin Volcanics							
		243' - lost part of water circulation.						
		250'-250.3' - 3" qtz. v. system with qtz.	17842	0.3'	250-250.3'		.005	.09
		crystals + veinlets.	17843	0.5'	277-277.5		.004	.03
		257.6' - 1" aplite @ 60° to c.a. with minor chalcopyrite.						
		274.7'-275.2' - Fault zone - broken core.						
		277.1'-277.3' - 2" aplite @ 45° to c.a. with minor chalcopyrite.						
280'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breen

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-37

PROPERTY Claim #585

SHEET NO. 1

DATE March 16, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -55°	Due West		Dec. 1, 1981.
320' = -54.5°	LENGTH 320'	DEPARTURE	STOPPED Dec. 2, 1981.
	LOCATION 475'East, 350'South of N.W. Corner Cl. #585.	ELEVATION 804.00'	LOGGED BY B.B.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 12'	Casing							
12' - 67'	Nipissing	Diabase	17844	0.8'	44-44.8		.007	Tr.
		coarse to med. grained to 53'.	17845	5'	163-168		.003	.12
		fine grained from 53' to contact @ 67'.	17846	5'	168-173		.015	.14
		44'-44.7' - 1" calcite v. @ 10° to c.a. runs	17847	5'	180-185		.003	.03
		full length of core with minor chalco.+	17848	3'	195-198		.002	.05
		iron formation.	17849	1.5'	198-199	5	.010	.06
			17850	1.3'	199.5-200.8		.62	1.28
67' - 100'	Quartzite	Slate-like greywacke	17851	1.2'	200.8-202		.030	.17
		occ. fine sulphide smears on core ends.	17852	2.5'	202-204	5	.008	.18
100' - 190'	Conglomerate	Typical						
		occ. slate-like band inclusions from 100'-118'						
		165.5-172' - fine diss. Cu. zone.						
		170.6' - 1" aplite @ 45° to c.a. (barren).						
		177'-190' - fine diss. copper zone & also						
		carries on after the contact for several						
		feet.						
190' - 320'	Keewatin Volcanics	Typical						
		199.5'-200.2' - 1" calcite v. network @ 30°						
		to c.a. with massive blebs + diss.						
		cobalt in the wall rock.						
		200.2'-201' - blebs of galena (poss. Ag.).						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-37

PROPERTY Claim # 585

SHEET NO. 2

DATE March 16, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin Volcanics							
		223.2'-223.8' - calcite v. network broken up with diss. Cu + poss. cobalt.	17853	0.6'	223.2-223.8		.013	.22
		225'-225.5' - calcite v. network with diss. chalco. + poss. cobalt.	17854	1.4'	223.8-225.2		.005	.04
			17855	0.4'	225.2-225.6		.013	.61
		245.9'-246.2' - 3" calcite v. @ 45° to c.a. with massive Silver + Cobalt.	17856	1.4'	225.6-227		.008	.04
			17857	1.8'	244-245.8		.007	.02
		288.6'-289' - 6" aplite - seems barren.	17858	0.4'	245.8-246.2		1.64	190.3
		307'-318' - diss. sulphide zone - no banding sort of an agglomerate. contains ZnS, pyrite, chalcopyrite.	17859	1.5'	246.2-247.7		.013	1.22
			17916	1.4'	247.7-249.1		.003	.03
			17917	1.4'	249.1-250.5		.005	.04
			17918	0.9'	287.7-288.6		.006	.03
			17860	0.6'	288.6-289.2		.004	.53
			17919	1.3'	289.2-290.5		.005	Tr.
			17861	5'	308-313			
					.009% Zn.		.005	.13
			17862	5'	313-318			
					.005% Zn.		.005	.06
320'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Breen

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. 38

PROPERTY Claim #585

T-38

SHEET NO. 1

DATE March 16, 1982.

DIP ANGLES Collar = -35° 344' = -34°	BEARING Due West	LATITUDE	STARTED Dec. 2, 1981.
	LENGTH 344'	DEPARTURE	STOPPED Dec. 7, 1981.
	LOCATION 475'East, 350'South of N.W. Corner Cl. #585.	ELEVATION 804.00'	LOGGED BY B.B.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0'- 18'	Casing							
18' - 75'	Nippissing Diabase		17863	1.5'	221-222	5	.005	.07
		coarse to med. grained to 67'.	17864	1.9'	236-237	9	.005	.02
		finer grained near contact.	17865	0.4'	237.9-238.3		.005	.07
		36'-36.5' - ½" calcite v. @ 20° to c.a. with	17866	1.7'	238.3-240		.006	.02
		iron formation.	17867	0.5'	248.1-248.6		.003	.08
75' - 134'	Quartzite	Slate-like greywacke.						
		occ. sulphides on core ends.						
134' - 227'	Conglomerate	Typical						
		m slate-like inclusions occur in places to 176'						
		184' - 1" aplite @ 60° to c.a.						
		221'-222' - 1 foot of aplite stringers at all directions throughout.						
227' - 344'	Keewatin Volcanics	Typical						
		237.9'-238.2' - 4" aplite system (barren).						
		248.3'-248.6' - 3" aplite system.						
		Both conglomerate + Volcanics in this hole were active but contain little mineralization.						
344'	END OF HOLE							
	CASING LEFT IN HOLE							

R.C. Brewer

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-39

PROPERTY Claim #585

T-39

SHEET NO. 1

DATE March 16, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -45°	Due West		Dec. 8, 1981.
305' = 45.5°	LENGTH 305'	DEPARTURE	STOPPED Dec. 9, 1981.
	LOCATION 390' East, 90' South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 52'	Casing							
52' - 59'	Quartzite	Slate-like greywacke.	17868	1.1'	63-64.1		.011	.03
			17869	0.4'	64.1-64.	5	.038	.29
59' - 125'	Conglomerate	Typical	17870	1.5'	64.5-66		.010	.02
		64.3' - 1" calcite v. @ 50° to c.a. with ½"	17871	1.6'	79-80.6		.004	.02
		massive chalco v.	17872	0.4'	80.6-81			
		81' - 1½" aplite with mass. Cu. + poss. Co.			3.10% Cu.		.27	2.60
		90' - lost part of water circulation.	17873	1.4'	81-82.4		.018	.03
		95.7' - ¼" aplite @ 30° to c.a.	17874	2.8'	233-235	8	.008	.23
		96'-97' - Fault zone - lost most of the core-	17875	1'	235.8-236.8		.12	.62
		includes much aplite.	17876	0.6'	236.8-237.4		7.00	32.69
			17877	1'	237.4-238.4		.81	1.23
Contact	zone difficult to differentiate exactly.		17878	2.4'	238.4-240.8		.020	.66
125' - 305'	Keewatin Volcanics	Typical						
		126.7' - 2" qtz. v. @ 40° to c.a. (barren)						
		155.6'-1" massive pyrite in calcite.			SLUDGE			
		195.2' - 2" qtz. v. @ 80° to c.a. (barren).						
		235.8'-238.3' - Massive + Diss. cobalt +		10'	80-90		.012	.10
		Silver section with Co. crystals.		10'	90-100		.042	.06
		Esp. @ 237' - 3" massive Co.+Ag. in		10'	100-110		.012	Tr.
		calcite.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-39

PROPERTY Claim # 585

SHEET NO. 2

DATE March 16, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin Volcanics							
		262'-274' - Interflow band (Tuff)						
		with massive sulphides - mainly	17879	4'	2620266		.018	.19
		pyrite scattered throughout.	17880	6'	289-295		.011	.22
		288'-302.5' - Interflow sedimentary bands.	17881	6.2'	295-301.2		.005	.21
		with diss. sulphides - mainly pyrite,	17882	2.4'	301.2-303.6		.010	.08
		sphalerite, galena, throughout.	17883	1.4'	303.6-305		.013	.16
		303.9'-305' - Major Fault Zone - mud & gouge						
		+ broken core.						
305'	END OF HOLE							
	CASING LEFT IN HOLE							

R.E. Beare

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-

PROPERTY Claim # 585

T-40

SHEET NO. 1

DATE March 16, 1982.

DIP ANGLES Collar = -38°	BEARING Due West	LATITUDE	STARTED Dec. 10, 1981.
306' = -40°	LENGTH 306'	DEPARTURE	STOPPED Dec. 11, 1981.
	LOCATION 390'East, 90'South of	ELEVATION 802.00	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 58'	Casing							
58' - 63.5'	Quartzite	Slate-like greywacke.	17884	1'	94.2-95	.2	.005	.02
		core stretched - 3' of rock in box for 5' of	17885	2'	113.7-115.7		.105	Tr,
		hole length.	17886	0.3'	115.7-116		.98	.09
			17887	2'	116-118		.008	Tr.
63.5' - 133'	Conglomerate	Typical	17888	2'	203.5-205.5		.007	.19
		occ. slate-like inclusions to 86'.	17889	2.5'	205.5-208		.47	5.18
		94.2'-95.2' - aplite v. system - stringers +	17890	1'	208-209		.026	.51
		breccia pieces scattered throughout.	17891	1'	209-210		.029	1.97
		110'-112' - Fault zone - with aplite + broken	17892	3'	210-213		.004	.24
		core.	17893	3'	213-216		.013	.38
		116' - narrow aplite with ¼" cobalt stringer						
		in wall rock.						
133' - 306'	Keewatin Volcanics	Typical						
		very simple looking volcanics to 202' - from						
		here becomes more active & mineralized.						
		205.8'-207.5' - Ore Zone - calcite throughout						
		with blebs & stringers of cobalt + some						
		chalcopyrite scattered.						
		206' - 216' - Interflow Sedimentary band						
		with minor chert + minor sulphide blebs.						
		271'-272.5' - Fault zone - broken core + mud.						
		282.5' - minor fault + mud seam.						
306'	END OF HOLE	CASING LEFT IN HOLE						

R.E. Breece

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-41

PROPERTY Claim #585

SHEET NO. 1

DATE March 16, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
Collar = -50°	Due West		Dec. 11, 1981.
322' = -51.5°	LENGTH 322'	DEPARTURE	STOPPED Dec. 14, 1981.
	LOCATION 390'East, 90'South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
0' - 46'	Casing							
46' - 55'	Quartzite	Slate-like greywacke.	17894	0.2'	92.8-93			
					6.15% Cu.		.32	2.11
55' - 114'	Conglomerate	Typical	17895	1'	137-138		.003	.04
		85.6'-87.1' - aplite system - recemented	17896	1.2'	156-157	.2	.009	.35
		rock in the core.	17897	1'	162-163		.004	.18
		93' - 6" calcite v. system-3" wide massive	17898	2.3'	163-165	.3	.024	.17
		chalcopyrite v. included.	17899	1.1'	165.3-166.4		.021	.42
		active looking ground throughout most of	17900	0.4'	166.4-166.8		.215	1.87
		conglomerate in this hole.	17901	1.2'	166.8-168		.007	.04
			17902	0.5'	187-187.5		.006	.06
	Contact zone difficult to distinguish.		17903	0.4'	201-201.4		.004	1.19
114' - 322'	Keewatin Volcanics	Typical						
		137'-137.3' - 3" qtz.-aplite v. with specks						
		of galena.						
		162.5'-166' - Fault zone - broken core.						
		in centre of fault zone from 163'-165'						
		2' qtz.-calcite v. system - seams barren.						
		166.7' - ¼" massive sulphide vein.						
		187'-187.5' - 6" qtz. v. (barren).						
		201.2' - 1" calcite v. with massive pyrite +						
		chalcopyrite.						
		volcanics are quite active throughout this						
		hole.						

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-41

PROPERTY Claim # 585

SHEET NO. 2

DATE March 16, 1982.

DIP ANGLES	BEARING	LATITUDE	STARTED
	LENGTH	DEPARTURE	STOPPED
	LOCATION	ELEVATION	LOGGED BY

ROCK			CORE SAMPLES					
FOOTAGE	NAME OF ROCK	DESCRIPTION	SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co. %	ASSAY Ag. oz/ton
	Keewatin	Volcanics						
		239.4'-240' - 7" qtz. v. system with minor chalcopyrite.	17904	1.3'	239.3-240.6		.006	.63
		242.4'-242.6' - 3" qtz. v. @ 45° to c.a.	17905	0.2'	242.3-242.5		.002	.58
		with chalcopyrite + sphalerite.	17906	4'	295-299			
		255.3'-256' - qtz. v. network with diss.			.88%	Zn.	.012	.37
		pyrite + chalco.	17907	3'	299-302		.005	.07
		295'-302' - Interflow Band - manor.	17908	4'	318-322		.012	.05
		with sphalerite, pyrite, + chalco.						
		318'-322' - Interflow sediments. with diss.						
		ZnS, chalco, + pyrite.						
322'	END OF HOLE							
	CASING LEFT IN HOLE							

R E Bosse

COMPANY Teledyne Canada

DIAMOND DRILL RECORD

HOLE NO. T-42

PROPERTY Claim # 585

T-42

SHEET NO. 1

DATE March 16, 1982.

DIP ANGLES Collar = -45° 326' = -47°	BEARING Due West	LATITUDE	STARTED Dec 15, 1981.
	LENGTH 326'	DEPARTURE	STOPPED Dec. 16, 1981.
	LOCATION 390'East, 30'South of	ELEVATION 802.00'	LOGGED BY B.B.

ROCK N.W. Corner Cl. #585.

FOOTAGE	NAME OF ROCK	DESCRIPTION	CORE SAMPLES					
			SAMPLE NO.	WIDTH	FOOTAGE	ASSAY Oth.	ASSAY Co.	ASSAY Ag.
							%	oz/ton
0' - 56'	Casing							
56' - 75'	Conglomerate	Typical active conglomerate - but little mineralization.	17909	1.1'	211.9-213		.017	.12
		small. bed.	17910	0.4'	213-213.4		.044	.20
			17911	1'	213.4-214.4		.011	.41
75' - 326'	Keewatin Volcanics	Typical	17912	4.5'	249.5-254		.010	.13
		160'-160.4' - 5" qtz. v. - barren.	17913	1.4'	260.6-262		.003	.15
		151'-153' - Fault zone - broken core.	17914	0.3'	262-262.3		.001	.03
		volcanics are very simple looking throughout this hole.	17915	1.1'	262.3-263.4		.005	.10
		213' - 2" aplite @ 45° to c.a. with minor chalcopyrite.						
		249.5'-252' - sulphide zone with pyrite + minor PbS.						
		261.8'-262.6' - qtz. v. system - barren.						
		287' - 4" qtz. v. system - barren.						
326'	END OF HOLE							
	CASING LEFT IN HOLE							

R E Breen

LEGEND

TO ACCOMPANY MAPS & CROSS SECTIONS. Nov./81

CASING (OVERBURDEN IN MOST CASES) — OB

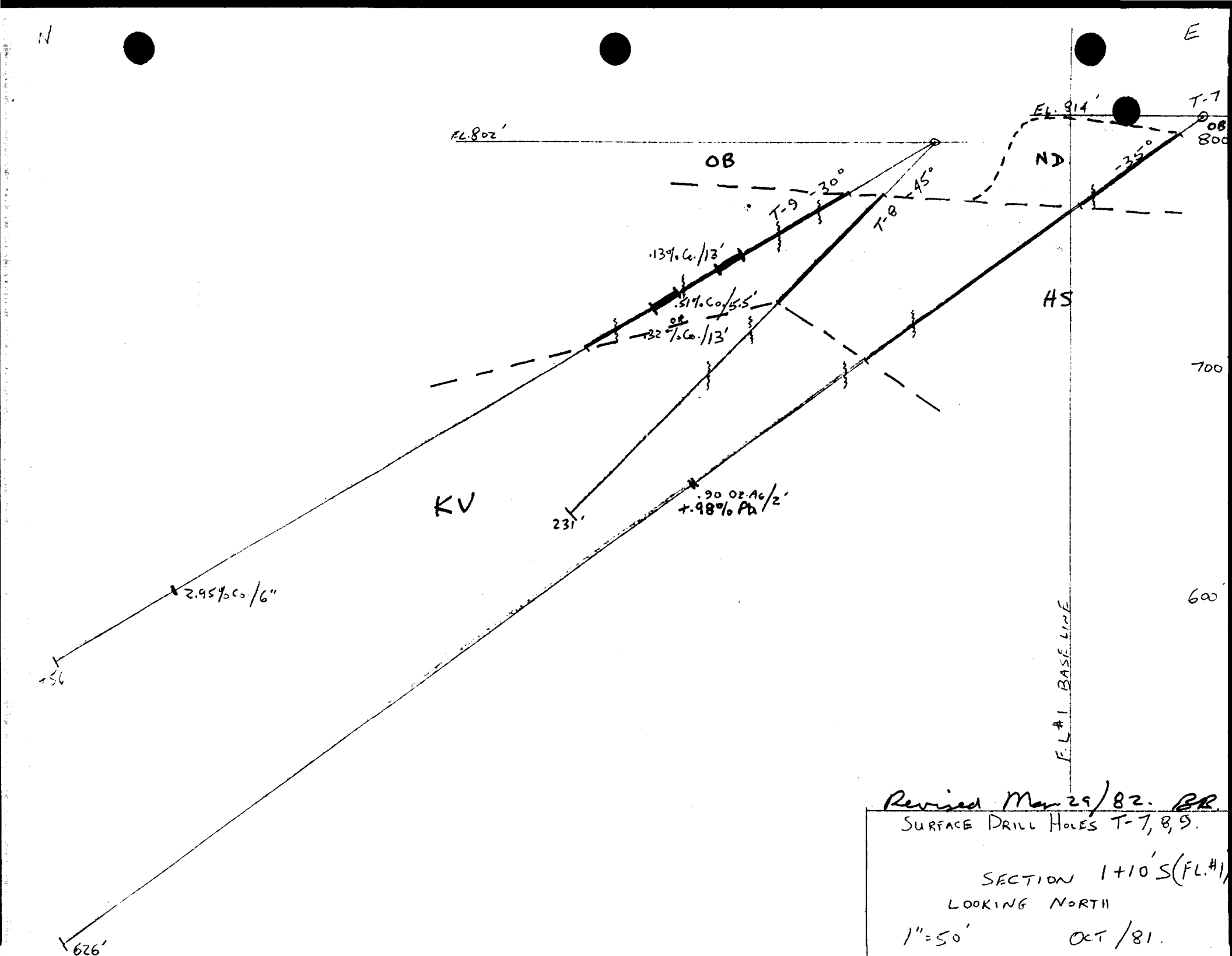
NIPISSING DIABASE — ND

HURONIAN SEDIMENTS — HS

KEEWATIN VOLCANICS — KV

MINERALIZED VEINS

FAULTS



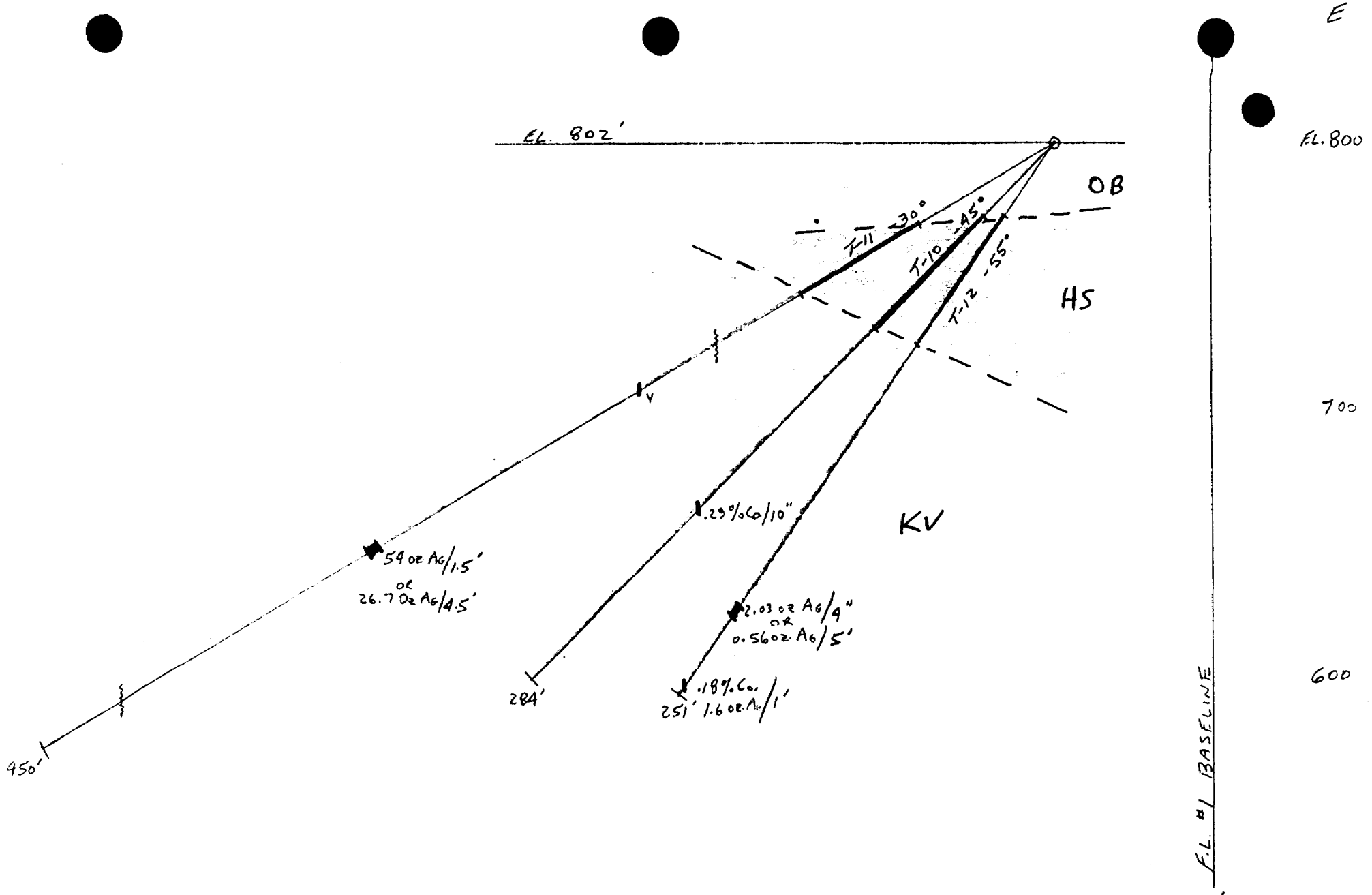
Revised Mar 29/82. BR.

SURFACE DRILL HOLES T-7, 8, 9.

SECTION 1+10'S (FL.#1)

LOOKING NORTH

1" = 50' OCT/81.



Revised Mar. 29/82. BB.

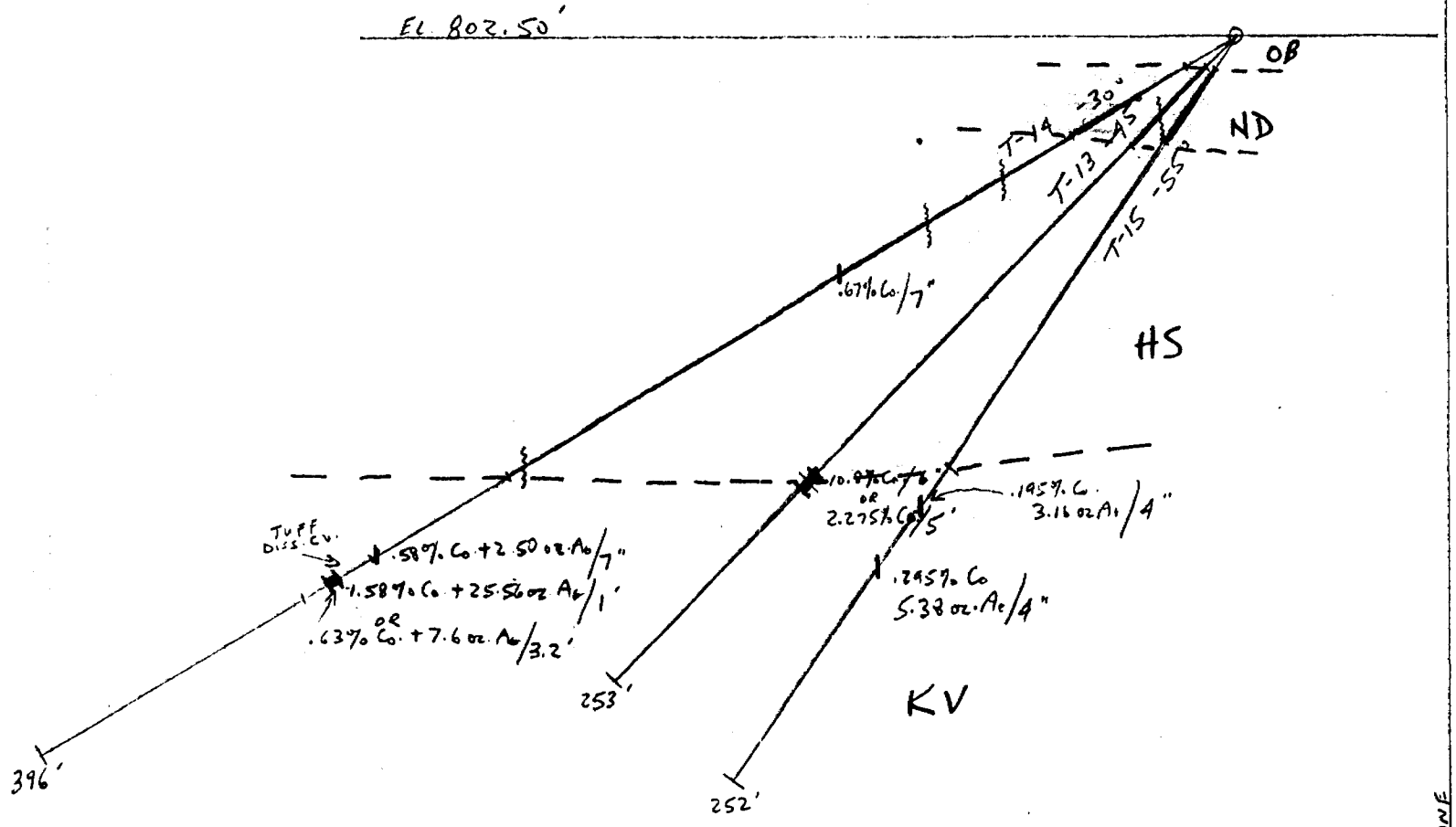
SURFACE DRILL HOLES T-10, 11, 12

SECTION 0+60'S (F.L.#1)

LOOKING NORTH

1"=50'

OCT./81



Revised Mar. 29/82.

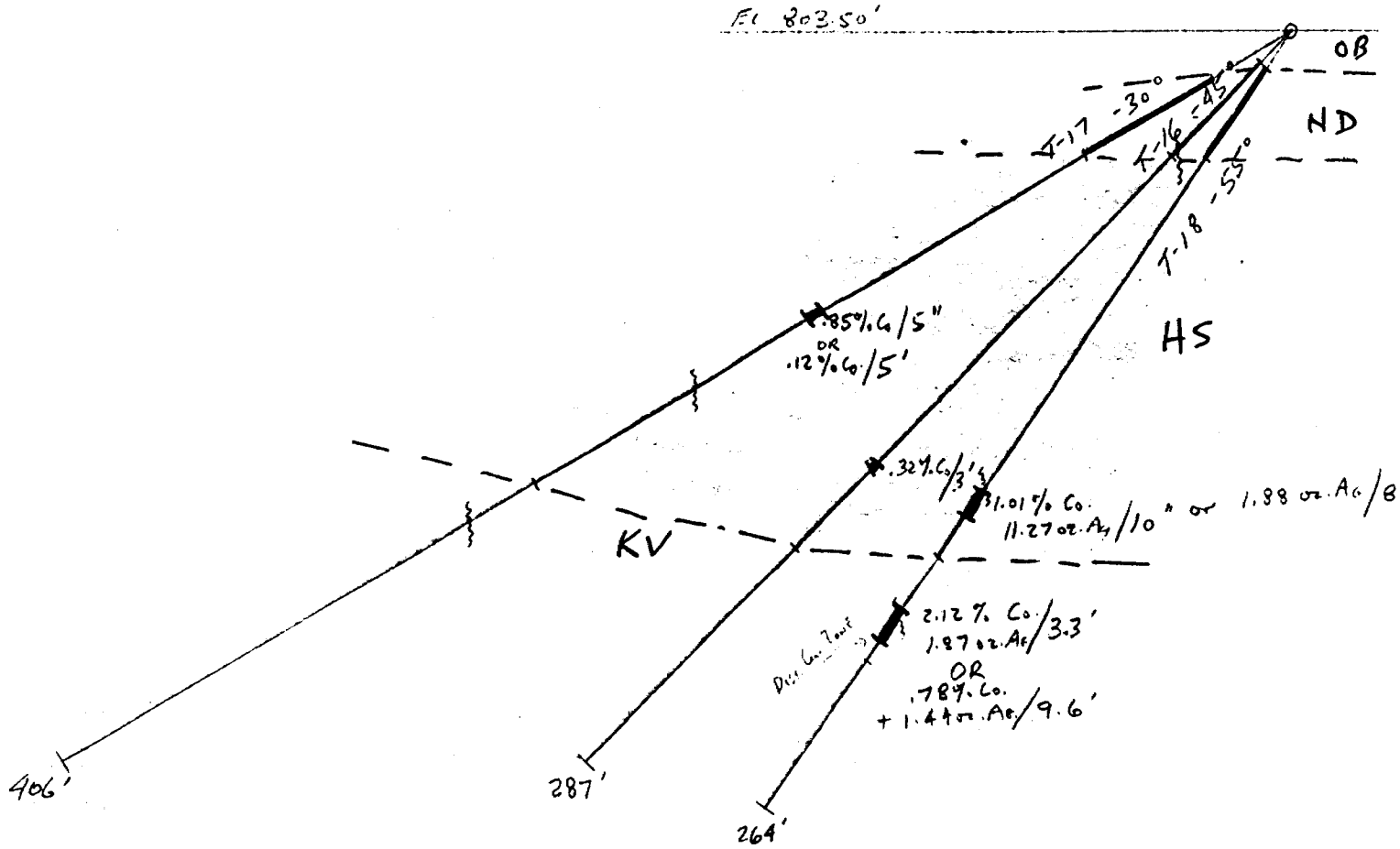
SURFACE DRILL HOLES T-13, 14, 15

SECTION 2+00'S (F.L. #1)

LOOKING NORTH

1" = 50

OCT./81



Revised Mar. 29/82

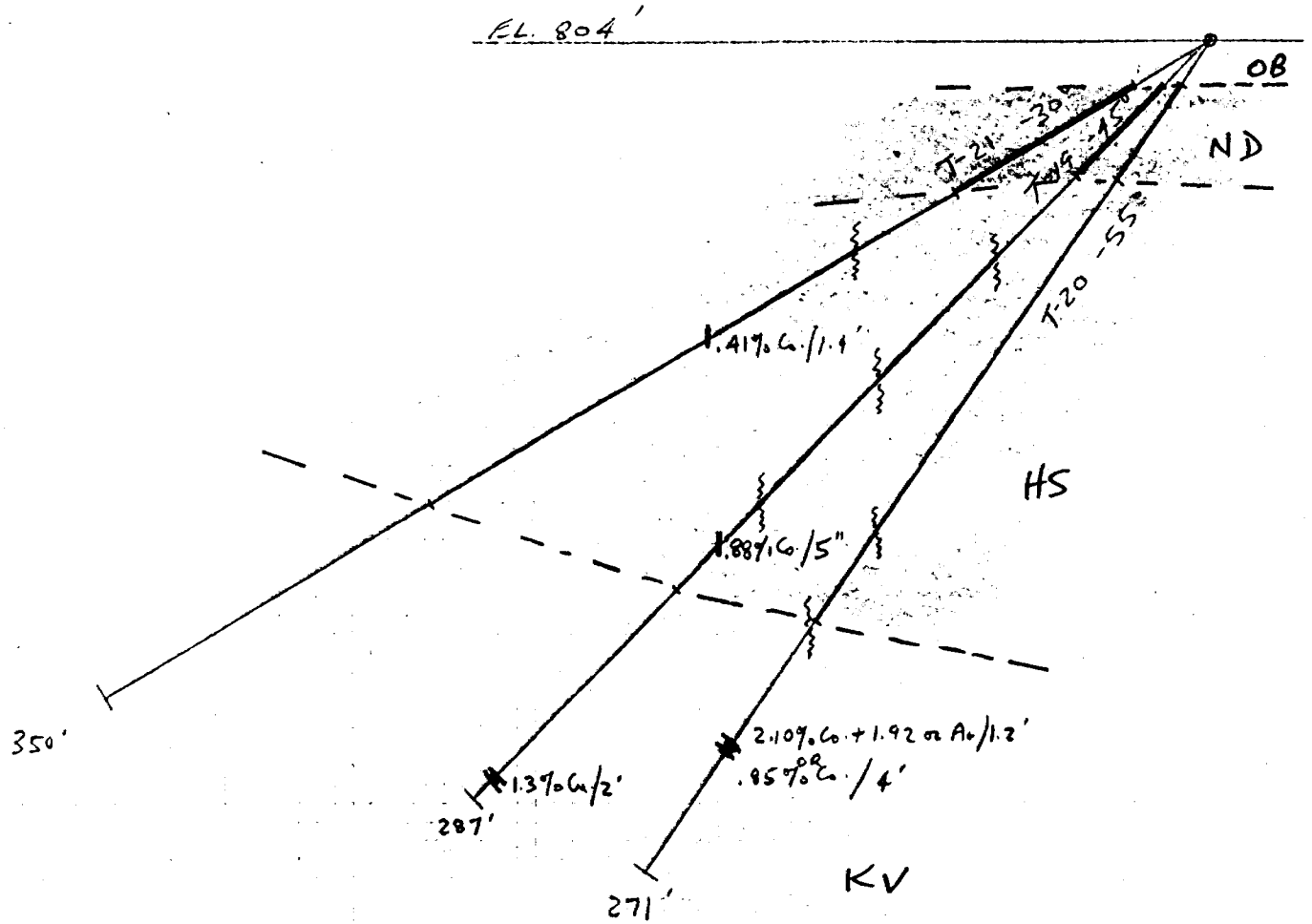
SURFACE DRILL HOLES T-16, 17, 18

SECTION 2+50' S. (F.L. #1)

LOOKING NORTH

1"=50'

OCT./81.



Revised Mar. 29/82. BB.

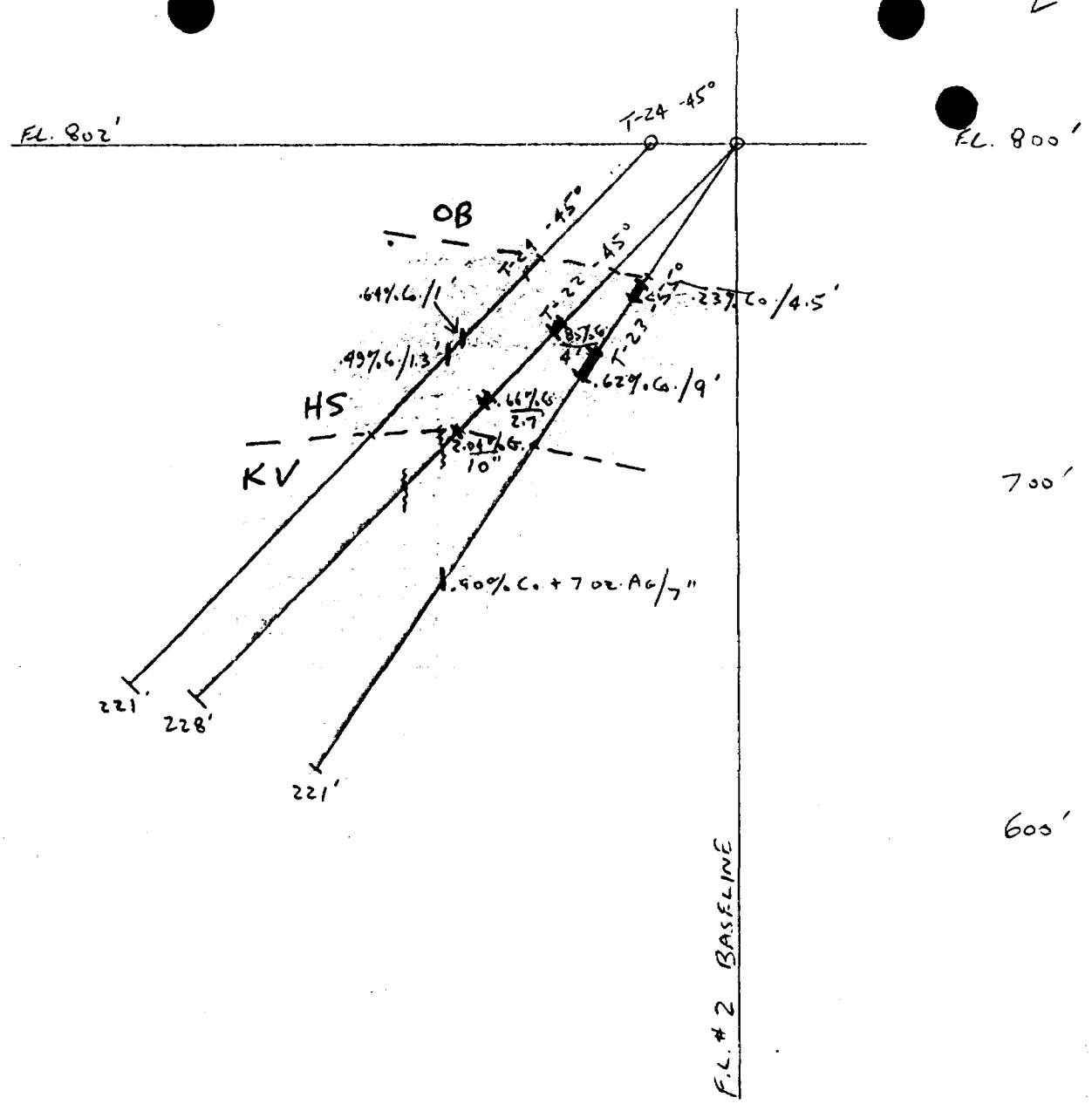
SURFACE DRILL HOLES T-19, 20, 21

SECTION 3+00'S (F.L. #1)

LOOKING NORTH

1" = 50'

Oct./81



Revised Mar. 29/82 BB.

SURFACE DRILL HOLES T-22, 23, 24

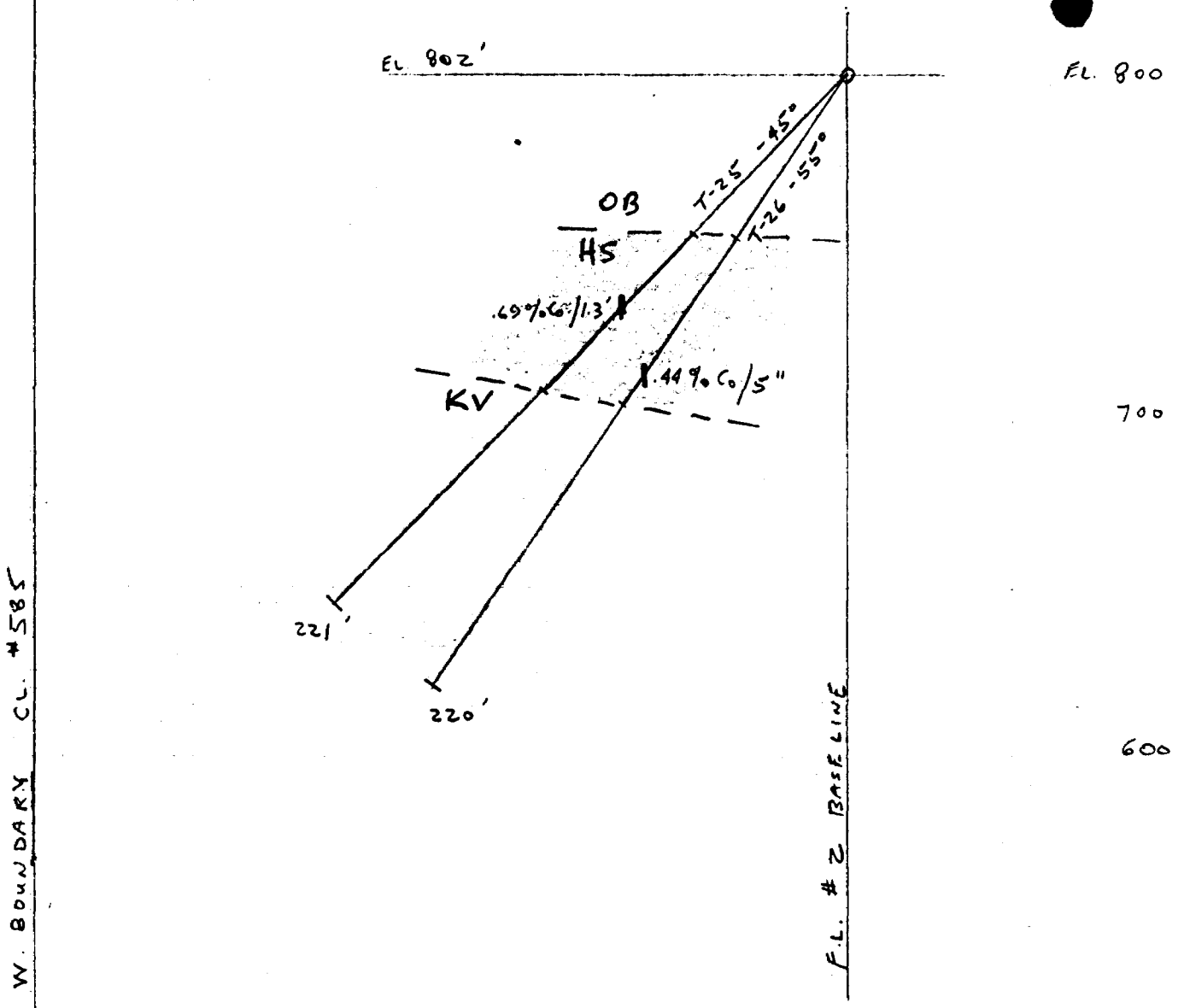
SECTION 0+60'S (F.L. #2)

LOOKING NORTH

1" = 50' OCT. '81

V

E



Revised May. 29/82. BB

SURFACE DRILL HOLES T-25, 26

SECTION 1+20 S. (FL. #2)

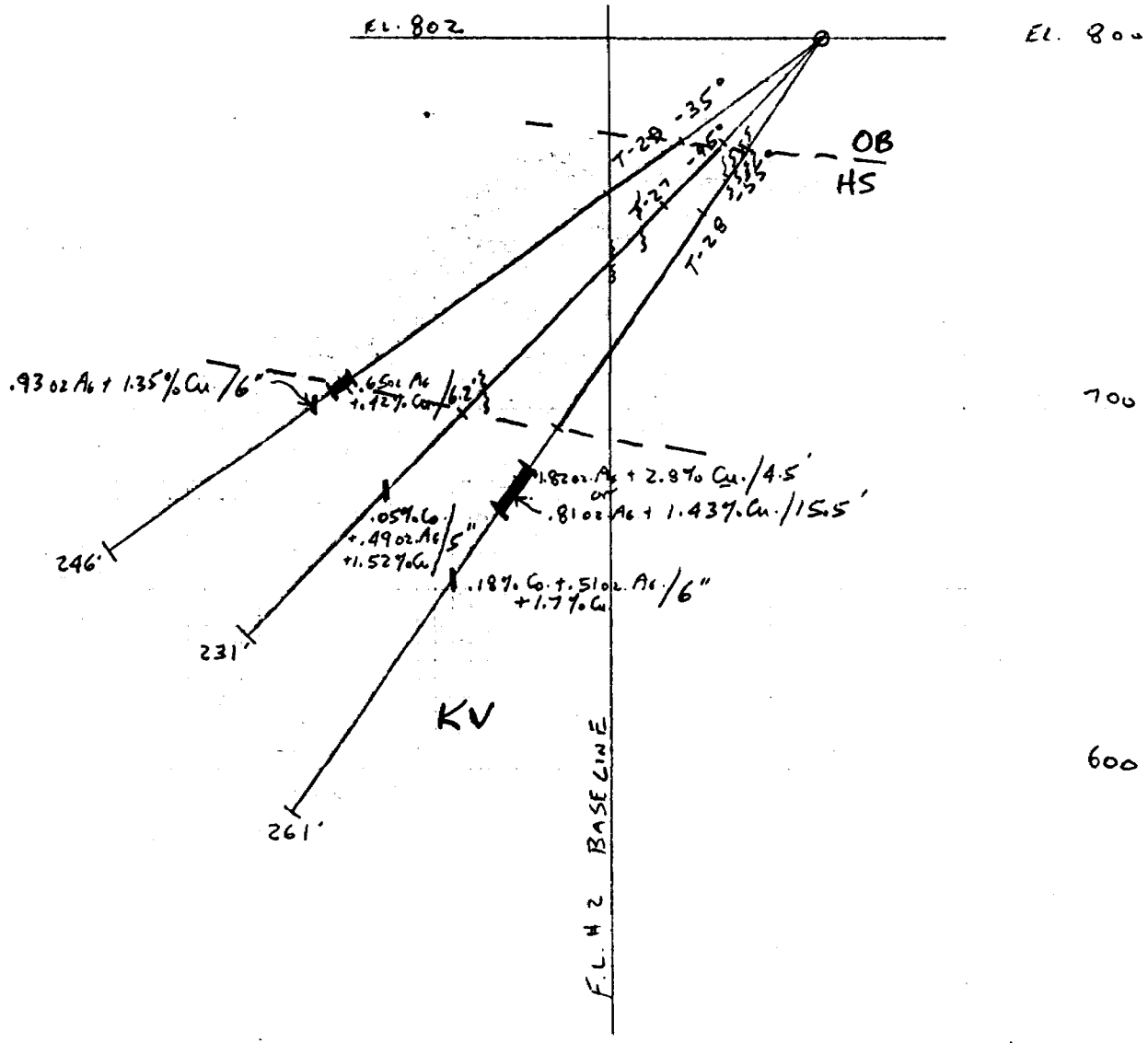
LOOKING NORTH

1" = 50'

DEC./81

W

E



W. BOUNDARY CL. #585

Revised Mar. 29/82. BB

SURFACE DRILL HOLES T-27, 28, 29

SECTION 2+00 S (F.L. #2)

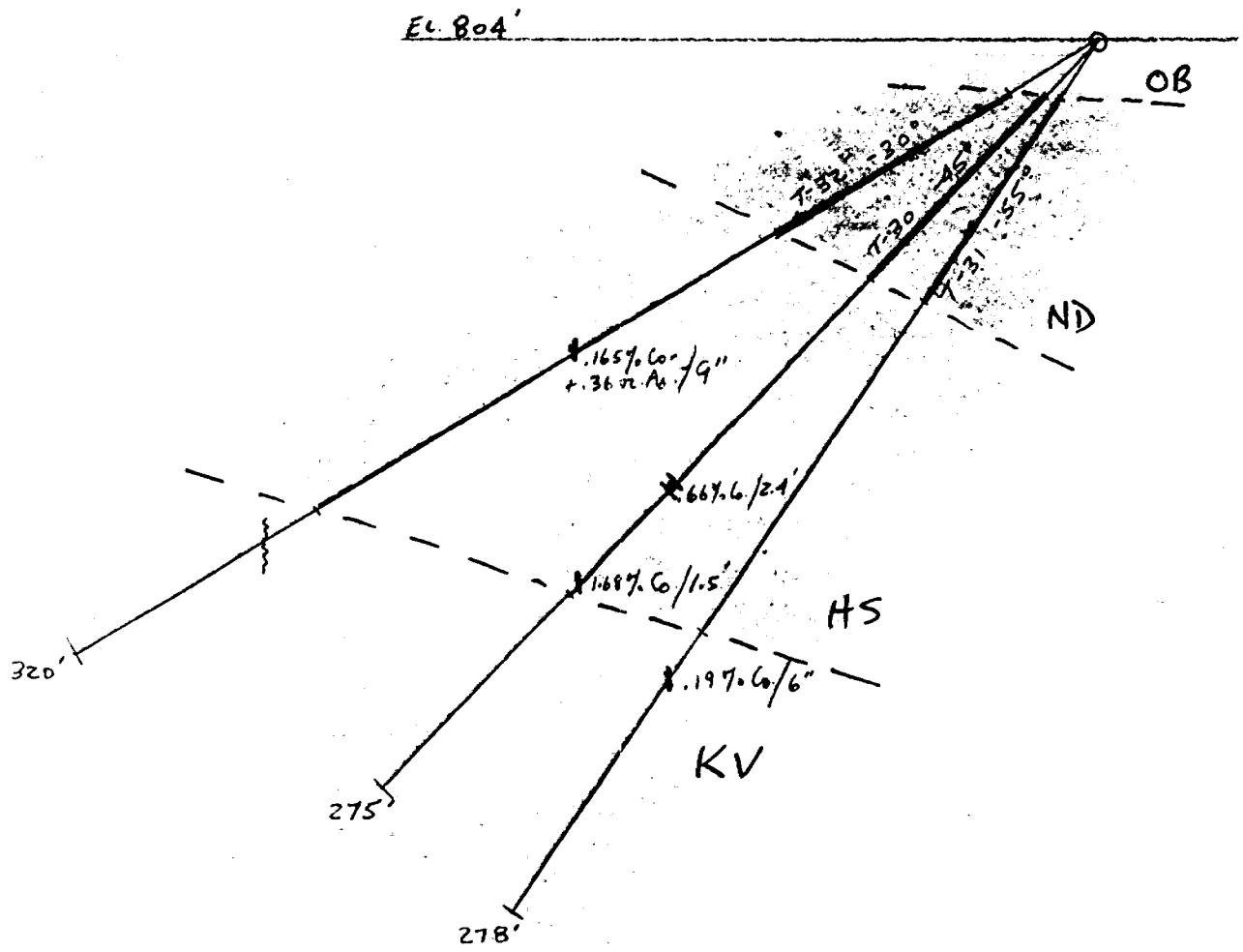
LOOKING NORTH

1" = 50'

DEC./81

W

E



Revised Mar. 24/82.

SURFACE DRILL HOLES T-30, 31, 32

SECTION 4+50'S. (F.L. #1)

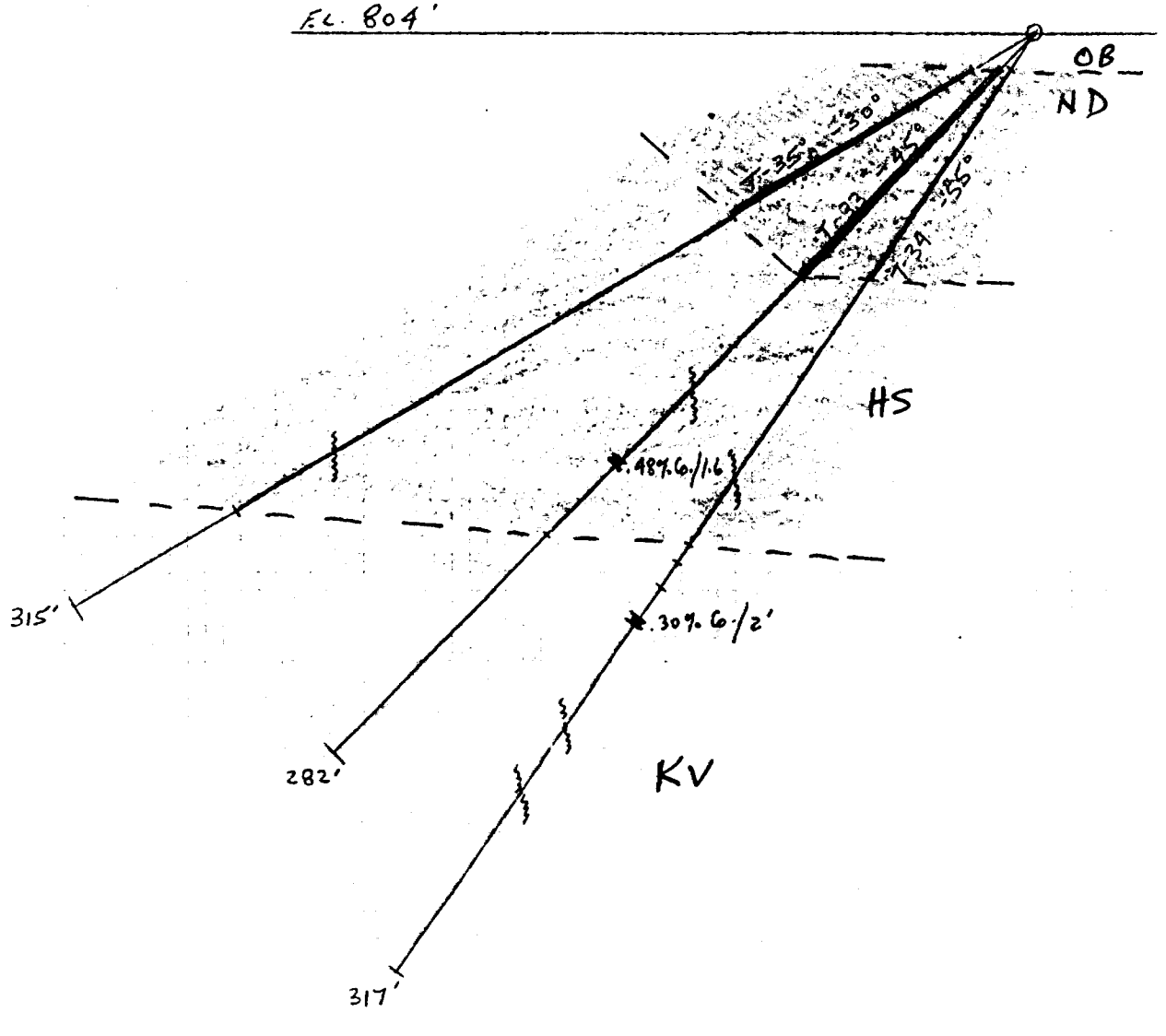
LOOKING NORTH

1"=50'

JAN./82.

N

E



Revised Mar. 29/82. BB

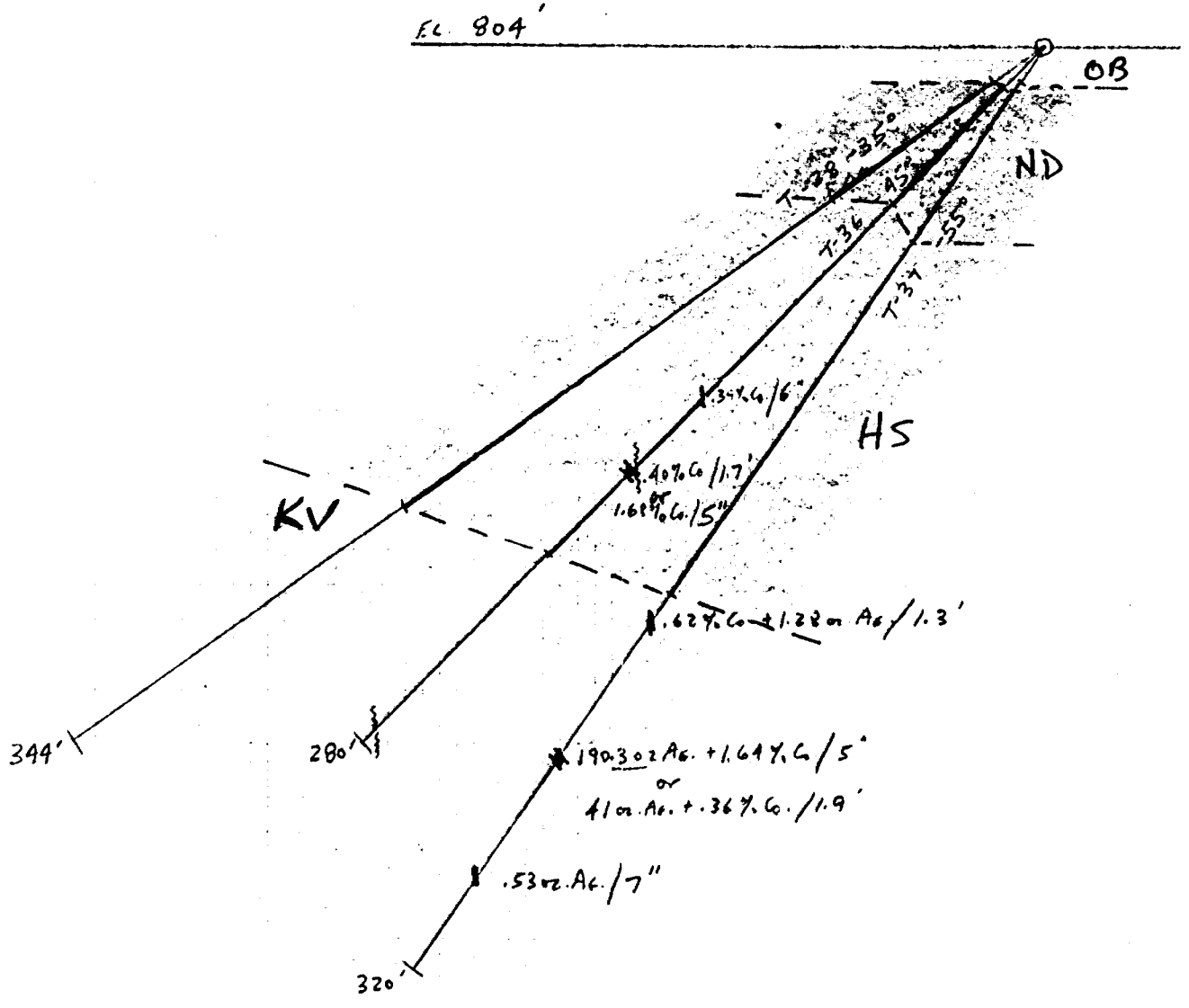
SURFACE DRILL HOLES T-33, 34, 35

SECTION 5+00 S. (F.L. #1)

LOOKING NORTH

1"=50'

JAN./82



Revised Mar. 29/82. BB.

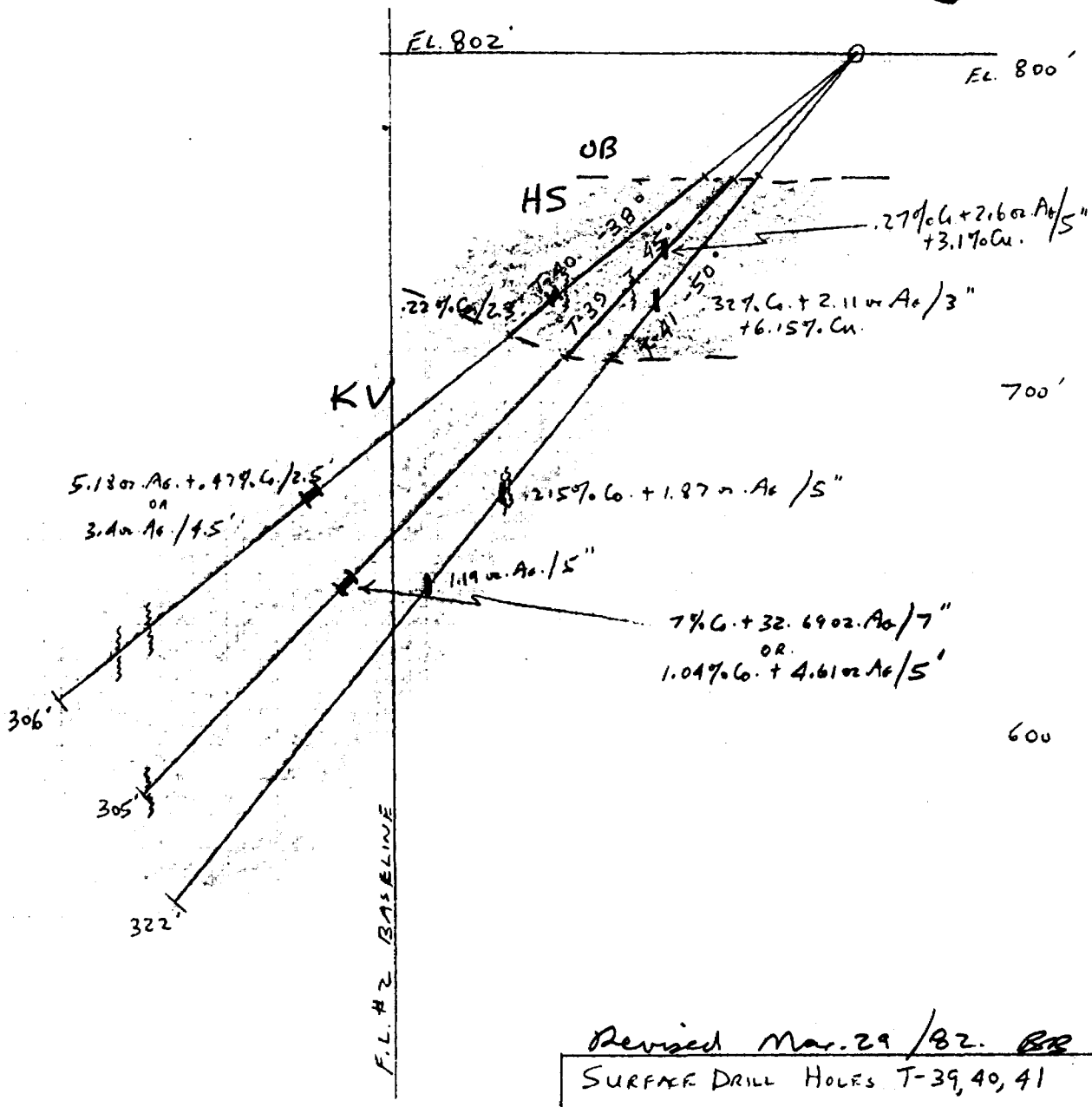
SURFACE DRILL HOLES T-36, 37, 38

SECTION 3+50 S. (F.L. #1)

LOOKING NORTH

1"=50' JAN./82

E.



W. BOUNDARY CL. #585

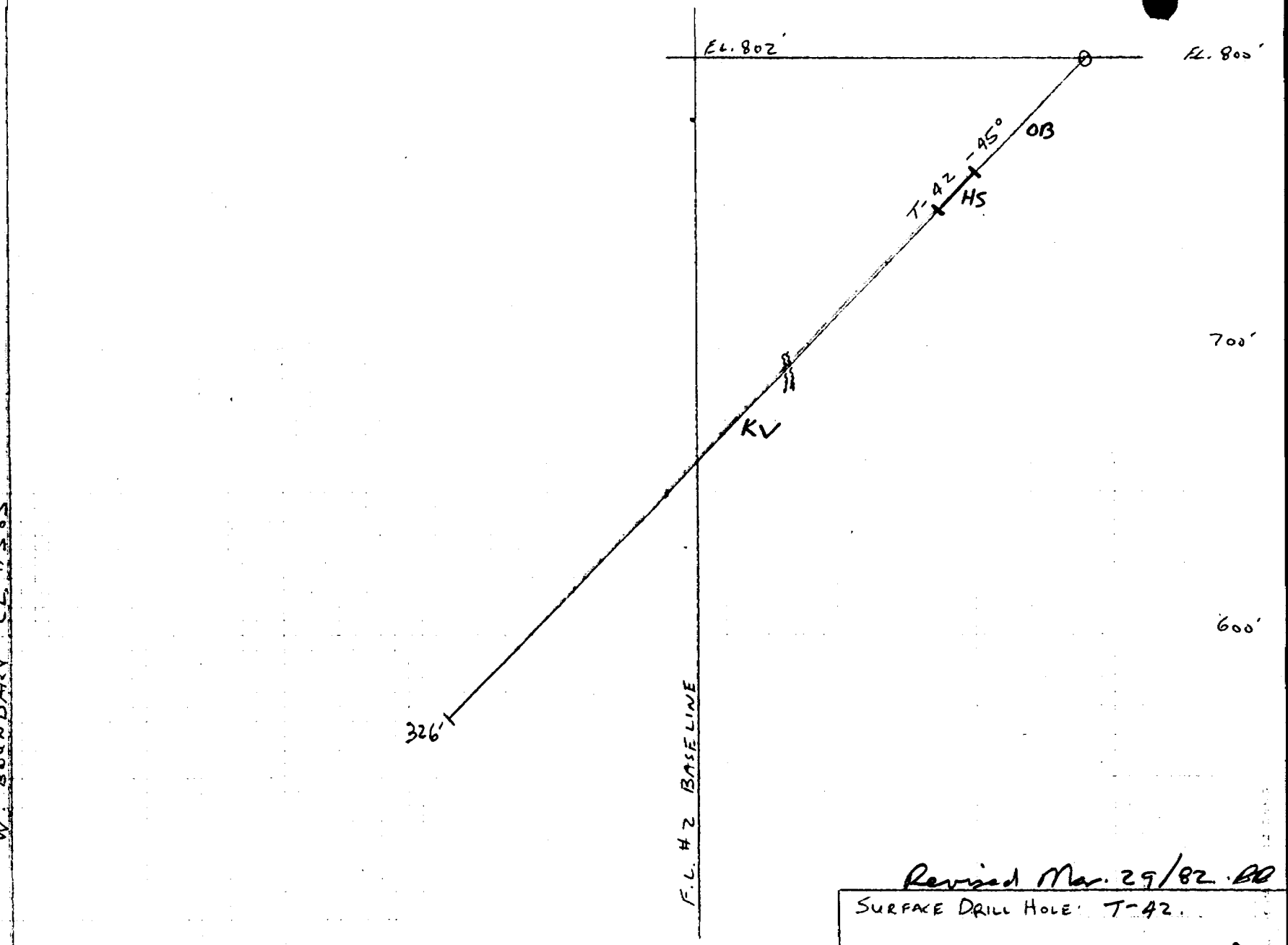
Revised Mar. 29/82. BB

SURFACE DRILL HOLES T-39, 40, 41

SECTION 0+90'S. (F.L. #2)

LOOKING NORTH

1" = 50' - JAN./82.



Revised Mar. 29/82. BB

SURFACE DRILL HOLE: T-42.

SECTION 0+30'S (F.L.#2)

LOOKING NORTH

1"=50'

JAN./82.