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REPORT ON THE 1983  
EXPLORATION PROGRAM  
for  
AUGDOME CORPORATION LIMITED

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by

J. C. Archibald, B.Sc.

December 15, 1983



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REPORT ON THE 1983  
EXPLORATION PROGRAM  
for  
AUGDOME CORPORATION LIMITED

S U M M A R Y

From the Spring of 1983 until November of 1983, the Company, Augdome Corporation Limited, authorized further diamond drilling from two Levels in Dome Mines.

A total of 3,535 feet of AQ drilling was completed from Dome's Underground Levels across to Augdome's ground. The drilling covered a portion of Claim 4812 in the north-west corner of the Augdome property.

The main emphasis was obtaining information on the geological structure at depth and to test the ground adjacent to the Dome ore structure for possible extensions of economic deposits of gold.

Favourable geological horizons were intersected on the Augdome ground which included quartz-tourmaline veining and quartz-feldspar porphyry. Several drill sections returned low gold values.

Further drilling should be carried out to test these mineralized zones along strike and up-dip to determine if economic grades of gold mineralization are present on the Augdome ground.

P R O P E R T Y

The property consists of fifteen contiguous patented mining claims in Tisdale and Whitney Townships, Ontario. These are numbered as follows:

P4812 (4 blocks)

P6262, P6263, P6873

P13600, P13601

P13085, P13089

P331, P8607

P13134, P13137, P13140, P13159, P13160

L O C A T I O N

The property consists of 16 contiguous patented mining claims and one four-block portion (4812) located in Tisdale and Whitney Townships, in the Timmins area of Ontario, as shown on Plate I. These claims are located in the south-east corner of Tisdale Township adjacent to the Dome Mines and Preston East Dome (Diepdaume) properties.

Timmins is a well-known gold producing area in Northern Ontario.

A C C E S S

The property can be reached by all-weather roads south from Timmins or west from South Porcupine. Access is made through the Dome Mines property at the Dome Extension by means of a maintenance road that cuts through the centre of the property.

## H I S T O R Y

Work on this property has dated back to 1909 when the original claim group was staked.

From 1909 to 1934 work was carried out over a quartz-carbonate stringer zone on Claim P331. Eight drill holes and extensive surface trenching was carried out but no records are available.

From 1937 to 1938, fifteen drill holes were drilled on Claim 13089 adjacent to the Preston-East Dome property in quartz carbonated, pyritized mafic volcanics along the north edge of the Porcupine-Destor Fault designated as the Surface Zone.

From 1940 to 1941, six holes were drilled from the Preston-East Dome underground workings to cut the projected extension of this surface zone. Another series of twenty or more surface drill holes was conducted over the surface zone between 1943 and 1945 increasing the extent and grade of the mineralized zone.

Three drill holes were also drilled on the south side of the fault for a total of 1770 feet. The location and results from these holes are not available.

An additional six holes were drilled in 1946 in the southwest corner of Claim 4812 to test the north-east extension of the surface zone.

In 1959, five holes for a total of 4,743 feet were drilled from the 16th and 25th Levels of Dome Mines and the Preston-East Dome Mine with encouraging results.

From 1965 to 1968, more than 32 holes for over 12,370 feet of drilling was carried out to test a nickel-rich peridotite zone outlined by ground Electromagnetic and Flux-gate Magnetometer surveys on the eastern portion of the property.

Starting in 1979, a renewed program was carried out to relocate and check the previous drill results over the Surface Zone. From an initial program of 5 shallow holes, a series of 20 deeper holes was spread across Claims 13089 and 4812 to test the mineralization along the northern contact between the Porcupine-Destor Fault and greenstone volcanics.

In 1980, more than 16,690 feet of BQ drilling was completed indicating the presence of favourable geological units, structure and mineralization for over 2,000 feet in strike length.

A continued program in 1981 saw another 28 holes for a total of 12,400 feet drilled at 50 foot intervals directly over the main Surface Zone. Drill indicated reserves of 72,000 tons grading 0.1 ounces per ton in gold was outlined and verified.

In 1981 and 1982, a program of underground holes was carried out from the 16th, 26th and 29th Levels of the Dome Mines workings adjacent to Claim 4812. A total of 9,206 feet of AQ core was recovered with favourable geological host rocks and minor gold values intersected on the Augdome ground.

In 1983 a continuation of the underground drilling program saw another 3,468 feet of AQ diamond drilling from the 26th and 34th Levels of Dome's workings. More favorable geology was encountered although no economic zones were intersected on Augdome's ground.

The earliest reported geophysics was carried out over portions of the Augdome ground in 1945 and 1949. It consisted of Magnetometer and Resistivity Surveys in areas previously drilled.

In 1965, ground Electromagnetic and Fluxgate Magnetometer Surveys were used to delineate the nickeliferous peridotite zone cutting through the central portion of the property located south of the Porcupine-Destor Fault.

In 1980 and 1981, a V.L.F. Electromagnetic and Proton Magnetometer Survey was carried out over 5 claims in the western and eastern portions of the property to delineate contacts and structure. These surveys were never followed up with detailed surface work or diamond drilling to test the anomalies.

P R E V I O U S U N D E R G R O U N D D R I L L I N G

From September of 1981 to March 1982, a program of underground diamond drilling was carried out from the Dome underground workings. Approximately 9,206 feet of AQ drilling was completed by Morrissette Drilling in an attempt to determine the geological structure and to cut similar gold bearing units at depth on Augdome's ground.

Of the six holes that were completed, only one had to be abandoned before it reached the Augdome boundary. A good cross-section of geological units was encountered. Most of these holes had a horizontal inclination and were positioned in a south-easterly direction. The general attitude of geological units in this area is in a northeast to southwest direction with a  $70^{\circ}$  dip to the northwest.

The following is a breakdown of the diamond drilling:

Hole U20120 was drilled from the 16th Level from Drift 1603. Drilled horizontally, the hole crossed the Augdome boundary at 1,405 feet. Most of the rock was fine-grained, amygdaloidal volcanics of the South Greenstone group with localized sections rich in quartz-carbonate stringers. After 1,600 feet, the core recovery became increasingly difficult due to the increased talc-chlorite schist content. Finally, the hole had to be abandoned at 1,668 feet.



From the samples taken, none returned values having significant gold mineralization.

Hole U20160 was drilled from the 2607 Drift on the 26th Level in a southeasterly direction at an inclined attitude of 35° in an attempt to penetrate through the projected chlorite zone. After repeated attempts to cut through this zone, the hole had to be abandoned at 866 feet, short of the Augdome boundary. As a result, no samples were taken.

Hole U20185 was drilled horizontally from the same location in Drift 2607 at a different bearing. It cut the boundary at 1,225 feet and continued to a depth of 1,531 feet when the hole was stopped due to similar caving conditions produced by mud seams and fine altered talc. The best assay in this hole occurred at a contact between talcy greenstone and siliceous quartz porphyry. A value of 0.01 ounces per ton in gold was reported over a core length of 3 feet. Another feldspar porphyry dike between 1,486 and 1,503 feet returned a value of 0.02 ounces across 4 feet. Trace amounts of pyrite were observed in the core sample. Four porphyry dikes or lenses and one 29 foot band of rhyolite were intersected on the Augdome ground during the course of this hole.

Hole U20251 began in February 1982 and went for a total of 1,448 feet. It was drilled horizontally from the 29th Level in an attempt to pass through a zone of talc-chlorite schist which had been intersected in previous drilling at a higher level.

The boundary was cut at 1,390 feet but the hole failed to penetrate farther than 1,448 feet, some 35 feet into the soft carbonate-rich talc rock. The best assays recovered on the Augdome ground occurred in a quartz-feldspar porphyry unit where a value of 0.005 ounces was returned over a 5 foot core length. The same porphyry containing up to 10% quartz stringers returned just less than 0.05 ounces across another 5 foot section. Mud seams composed of altered talc rock returned values up to 0.03 ounces in gold on the Dome portion of the drilling.

Hole U20200 was drilled horizontally from the 26th Level of the 2614 Drift in Dome Mines. It went for a distance of 1,818 feet before its progress was halted in a grey-green uniform greenstone. Samples taken on Augdome's portion, beginning at the 800 foot mark, returned several values of 0.01 and 0.005 across two and five foot sample widths respectively. Most of the values occurred in a volcanic greenstone fragmental rock with high quartz content and numerous quartz-carbonate stringers. These stringers were often mineralized with pyrite.

Due to excellent core recovery well onto the Augdome ground and encouraging results in the sampling, a wedge was placed just before the boundary at 791 feet in the same hole. This resulted in Hole U20200A which was pushed to a distance of 2,007 feet. The best result from this hole was a 24 foot section in quartz-carbonate stringers grading 0.01 ounces of gold per ton. One sample ran 0.02 oz. across a core length of 4 ft.

The gold mineralization could be traced for over one-hundred feet from 1,453 to 1,557 feet in the core and occurs in a greenstone flow volcanic unit that contains localized sections of brecciated interflow and porphyry dike material. All of the initial sample results gave a value of 0.005 or better in ounces of gold per ton.

These results were encouraging not only for the gold assays over long intersections of core but for the favourable host rocks that were encountered in the 1,200 feet of drilling inside the Augdome boundary. The better results occurred with quartz-carbonate rich sections carrying up to fifteen percent irregular quartz and carbonate with traces of epidote alteration and tourmaline. These same mineralized units are found on the adjacent Dome property.

SUMMARY OF THE 1982-83 DRILLING

From the fall of 1982 and into early 1983, a continued program of diamond drilling was carried out from two of Dome's deeper Levels.

A total of 3,468 feet of AQ drilling was done for Augdome's benefit from Dome's 26th and 34th Levels to test the geological structure in the northwestern portion of Claim 4812 and to determine if there was economic sections carrying gold on the Company's property.

Drill Hole 20525 was started from the 2614 Cross-cut and went for a distance of 652 feet. Due to the foliation of the rock in this area, the hole deviated in a southerly direction and had to be abandoned before it reached Augdome's boundary. Favorable rock types containing significant gold mineralization was intersected on Dome's ground but unfortunately Augdome was not privy to the assay results. This same structure could be extrapolated back up-dip and should exist on Augdome's ground.

Wedging was not recommended to correct the alignment. Several favourable auriferous geological horizons were intersected on Dome's ground but for reasons of confidentiality assays were deleted from the logs.

Hole 20539 was started from the same 2614 cross-cut with the hole angled further east. It went to a distance of 1,201 feet where the hole had to be abandoned in talc schist. Several attempts were made to pass through this zone without success. Approximately 477 feet of drilling was completed on Augdome's ground.

The best values intersected were 0.04 ounces of gold per ton across four feet in an altered mafic fragmental volcanic rock which contained up to 15 percent carbonate stringers and pyrite crystals. Another section returned a value of 0.01 ounces of gold per ton across five feet in the talcy greenstone.

Hole 20539A was wedged off the above hole at 516 feet to cut material below and further east of Hole 20539 in an attempt to bypass the talcy sheared material. This hole encountered spherulitic lavas, fragmentals and brecciated greenstones with varying amounts of quartz and carbonate stringers. Numerous samples returned assays of up to 0.005 ounces of gold per ton across widths of five feet.

This duplicated similar values seen in Hole 20200A drilled further east in the 1981 program. The geology in this hole is similar and stratigraphically along strike to that seen in Holes 20539 and 20200A.

The gold values were associated with altered greenstones on the north side of the talc zone. This zone was encountered at 1,043 feet and the hole had to finally be abandoned at 1,316 feet due to excessive mud and cave material.

The drill hole entered Augdome's ground at 812 feet for a total footage of 1,205 feet on Augdome's ground and is on its intended course.

Hole 20413 was drilled from Dome's 34th Level as part of their deep drill program to probe the #8 Shaft area. Dome consented to continuing the hole on Augdome's behalf because it had a chance of crossing over to Augdome's ground. The hole was taken over at the 1,200 foot mark and went for a distance of 2,015 feet before it was discontinued. This was due to a change of course to the south which missed the N.W.corner of the Augdome property. Invaluable geological data was gained from the logging of this hole which can be extrapolated back up-dip onto the Augdome property. Disseminated pyrite in carbonated, silicified sections did produce gold values on the Dome Mines property but confidentiality prevents one from disclosing these values.

SUMMARY OF THE 1983 DRILLING

The program started on Mar.1 commencing with hole 20200B which was directionally wedged from a previous hole 20200 situated on the 26th Level. Wedged at 706 feet, the hole continued to a depth of 2017 feet after crossing into Augdome's ground at 812 feet in depth. Geological units varied from a fine grained uniformly chloritic greenstone to a fragmental, then into an amygdaloidal greenstone. After 831 feet, the rock became increasingly pyritized and contained numerous quartz-carbonate stringers. Some pyrrhotite and chalcopyrite was observed which didn't seem to correspond to changes in the gold content. The best values cut graded 0.005 Oz. per ton across five feet of core length which corresponded to geological contacts and the increased incidence of alteration, pyrite mineralization and quartz-carbonate veining.

In a lighter, altered greenstone between 1519 and 1600 feet a ten foot section returned a value of .005 Oz. per ton. Here, the core contained tourmaline, numerous quartz stringers and blebs of pyrite and pyrrhotite.

In a narrow band of deformed sediments from 1780 to 1790 feet in the core, values returned nil in the assaying of the core.

Talcy greenstone was encountered from 1906 to 1950 feet and was difficult to core due to continual caving. More greenstone and an intrusive basic rock was cut after the talc but drilling

was discontinued at 2017 feet due to the caving.

Hole 20200C was wedged from Hole 20200B at 1000 feet into the hole. Sampling of the amygdaloidal basalts and uniform greenstones produced no appreciable gold values up to 1236 feet. After this, increased quartz-carbonate stringers, pyrite banding, and alteration produced a .005 Oz. per ton assay across five feet of core length. Sampling after 1280 feet produced no further gold values unlike the previous hole. The hole stopped at 1837 feet.

Hole 20200D was wedged from Hole 20200C at 900 feet and was drilled to a final depth of 1061 feet. The hole cut amygdaloidal pillow lavas with numerous quartz-carbonate stringers but failed to intersect any significant gold values. The drilling was stopped and moved to the new site that became available on the 29th Level.

Hole 20796 was drilled from the #3 Cross-cut on the 29th Level. All of the core for the 486 feet drilled was on Dome's ground and thus no assays are available to Augdome. The geological structure was significant since the units displayed important ore hosting characteristics. The first unit was a sheared, fine-grained, uniform greenstone showing carbonitization, chlorite alteration and quartz-carbonate veining up to 10% by volume. Assays for gold remained low until the fragmental amygdaloidal lavas were intersected after 294 feet into the drilling. Values increased with the incidence of quartz-carbonate veining, pyrite mineralization and chlorite alteration. The values seemed to drop off again after 440 feet when the talcy greenstone was encountered regardless



-15-

of the presence of coarse cubic pyrite in the core. The hole had to be abandoned at 486 feet when the rock became extremely sheared and soft.

Hole 20820 was started at the same site location on the 29th Level. A new hole was collared using oversize drill steel and a special concave bit. Although the same ground was covered a greenstone flow unit was recognized between 58 and 68 feet into the hole. This demonstrates how different the geology can be just tens of feet along strike. Ore grade material can also display similar elusive characteristics.

Sampling of the same amygdaloidal greenstone unit from 190 to 435 feet resulted in only background values of gold. The same altered unit in the previous hole resulted in higher gold assays.

Talc rock was again encountered after 497 feet and the rods were stuck at 550 feet with no core drilled on Augdome's ground. A few gold assays did turn up in the contact zone of the talcy greenstone and its significance may be related to the increased incidence of quartz-carbonate stringers.

Hole 20820A was wedged off the original hole at 373 feet using AW oversized casing. Amygdaloidal basalt was cut from 378 feet to 552 feet with little or no positive gold assays even though chlorite alteration, quartz-carbonate veining, pyrite, epidote and traces of scheelite was present. Numerous drilling techniques including a double shift was used to try to penetrate the talc zone with a minimum of stoppages. The talc was encountered after 447 feet and continued to 552 feet whereupon the rods were

## RESULTS

The results of the six attempts indicates the presence of minor gold mineralization in favorable geological units on the north limb and within the major talc-chlorite alteration zone. This zone may be part of the Porcupine-Destor Fault which cuts through the area. Unfortunately in this latest round of drilling all the attempts failed to penetrate the talc zone and thereby failed to reach Augdome's property.

It is my opinion that this structure plays an important role in hosting the gold mineralization in this camp. Further exploration is needed to probe the stratigraphy lower in the volcanic pile and determine the structural relationship to the geological units. Gold mineralization is widespread and is favored in the altered, mineralized, quartz-carbonate stringers and contacts between the units.

A great deal of the expense for the 3,535 feet drilled in this new program was due to surcharges, preparation costs, and drilling costs resulting from wedging, use of special bits, lost rods in the hole and delays due to cementing. All this was due to the talcy ground which we were attempting to drill through to get to the Augdome boundary. Once the talcy ground was penetrated with casing it would have been a simple matter to wedge other holes from the main one if the results warranted further drilling.

# G E O L O G Y

## GENERAL

The property occupies a belt of folded and altered metavolcanic and metasedimentary units cut by two major faults. The best known of the faults is the Porcupine-Destor which cuts through the centre of the property paralleling the local geological units in a northeast to southwest strike direction.

The major geological units north of this fault appear to host the main gold mineralization found to date on the adjacent Dome and former Preston Mines (Diepdaume) properties. These units occupy the south limb of a syncline which plunges to the northeast and has its fold axis on the Dome property.

A description of the major geological sequences is included in Table 1 - 1 of this report.

It is generally accepted that the gold in the Timmins area was emplaced during the initial volcanogenic processes and were subsequently remobilized and locally enriched by tectonic processes. This included folding, faulting and deformation of the geological units and intrusion of later porphyry stocks along areas of structural weakness. Many of the rock units are altered locally and display significant carbonitization and sericitization in areas of high gold content. Some local chemical precipitation is evidenced by the presence of primary chert, carbonate and iron sulphide minerals along flow contacts.

Gold bearing carbonate is also present in the matrix of the coarse conglomerates of the Timiskaming sedimentary units within the Dome structure.

Five types of ore have been identified within Dome Mines and include the following:

1. Gold bearing, quartz-ankerite veins which are tabular and conformable to the host carbonitized mafic volcanics.
2. Auriferous carbonate-rich Timiskaming sediments (conglomerates and slates) cut by quartz veins.
3. Gold bearing quartz veins within and along the contacts with the porphyry intrusions.
4. En echelon quartz-vein networks within the mafic volcanic flow rocks close to major geological contacts and especially bordering the intrusive porphyry units.
5. Gold bearing quartz-carbonate veins in carbonitized mafic and ultramafic volcanics of the South Greenstone group and close to the contact of the Timiskaming sedimentary units. Fuschite and tourmaline mineralization is a common mineral found with this type of ore.

FIG. 1-2

Tisdale Township

## TABLE OF FORMATIONS

## CENOZOIC

RECENT

Peat, tailings, sand.

PLEISTOCENE

Sand, gravel, clay.

*Unconformity*

## PRECAMBRIAN

MATAHEWAN OR KEWENAWAN: Quartz diabase, olivine diabase.

*Intrusive Contact*

ALGOMANI

Granite dikes, albitite dikes, quartz-feldspar porphyry.

*Intrusive Contact*

HAILEYBURIAN:

Serpentine.

*Intrusive Contact*

TIMISKAMING:

Greywacke, conglomerate, slate and argillite.

*Angular Unconformity*

KERWATIN:

Metasedimentary Rocks: Slate, argillite, and greywacke.

Acid to Intermediate

Metavolcanic Rocks:

Tuff and breccia unit of latite breccia, porphyritic latite, porphyritic latite containing over 10 percent mafic minerals, fine-grained latite, iron formation.

Metasedimentary Rocks:

Argillite, greywacke.

Basic Metavolcanic Rocks:

Massive basalt, pillowed basalt, variolitic basalt, flow top breccia, interflow argillite, and chert.

LOCAL

Previous geological mapping and diamond drilling on the Augdome ground indicates similar rock units exist which compare favourably to the host rocks found in the Dome Mine. The general strike is northeast to southwest with a  $30^{\circ}$  to  $50^{\circ}$  plunge on the structure towards the northeast.

The volcanic units in the northwest corner of the Augdome property bounded by the Porcupine-Destor and Burrows-Benedict fault dip approximately  $70^{\circ}$  to the northwest. Both the faulting and geological units mapped in surface exposure by S. A. Ferguson in 1968 can be traced down-dip onto the Dome and former Preston (Diepdaume) properties. These units form a simple sequence of carbonatized ultramafics and sediments overlying mafic flows of the South Greenstone group. They are south facing and appear to be truncated by the Porcupine-Destor Fault. The older Deloro Group of intermediate to basic volcanics lie on the south side of this fault and are composed of a latite breccia member and cherty iron formation. Altered peridotite intrusive rocks occupy the main portion of the Porcupine-Destor fault zone.

Recent surface drilling in Claim P13089 along the hanging wall of the Porcupine-Destor fault has cut auriferous, carbonated mafic and ultramafic rocks within the South Greenstone volcanics.

They appear to be lithologically similar to the carbonate and altered volcanic units hosting some of Dome's ore at depth. Similarly altered porphyritic rocks resembling the Preston porphyries were also intersected on Augdome's property.

Several units of mafic volcanics and Timiskaming sediments are found in surface exposure on Claim 4812 and are highly carbonated and locally mineralized and sheared.

The rock units within the South Greenstone volcanic group are of primary importance to Augdome's future underground drilling program.

## CONCLUSIONS

The results of the last program were very encouraging.

Although no economic sections of gold were encountered, the drilling did indicate that the rock units were similar to those hosting the gold on Dome's ground. Trace amounts of gold were found in the more acid volcanic units, especially where quartz-tourmaline veining and localized silicification has occurred.

Since Augdome occupies the up-dip extension of the Dome structure, the area cut by the present drilling program up to the surface of Claim 4812 is prime ground and virtually unexplored.

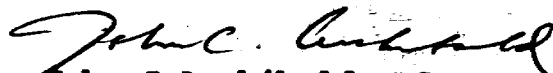
A recent study of the structure in the Dome Mine (Roberts 1980) indicates a possible reversal in attitude of the rock units, below the 5,000 foot Level. There has been very little exploration work below the 29th Level on the Dome ground and only recently has Dome expanded their lower levels to accommodate exploration drilling.

Augdome still has the opportunity to continue it's drill program from Dome's lower levels at a later date when drill sites become available. It is a matter of finding the most advantageous drill site to maximize the footage on Augdome's ground and to come up with a method to penetrate the talc zones and keep the holes open for further wedging.



Presently there are two drill stations from which to continue the program. Other possible sites will be available once Dome Mine's Expansion Program is completed and access is available.

Respectfully submitted,

  
John C. Archibald, BSc. Geologist.

Toronto, Ont.  
Dec. 15, 1983.

CERTIFICATE

Augdome Corporation Limited,  
Suite 209 - 3240 Bloor St. W.,  
Toronto, Ontario. M8X 1E4.

Dear Sirs:

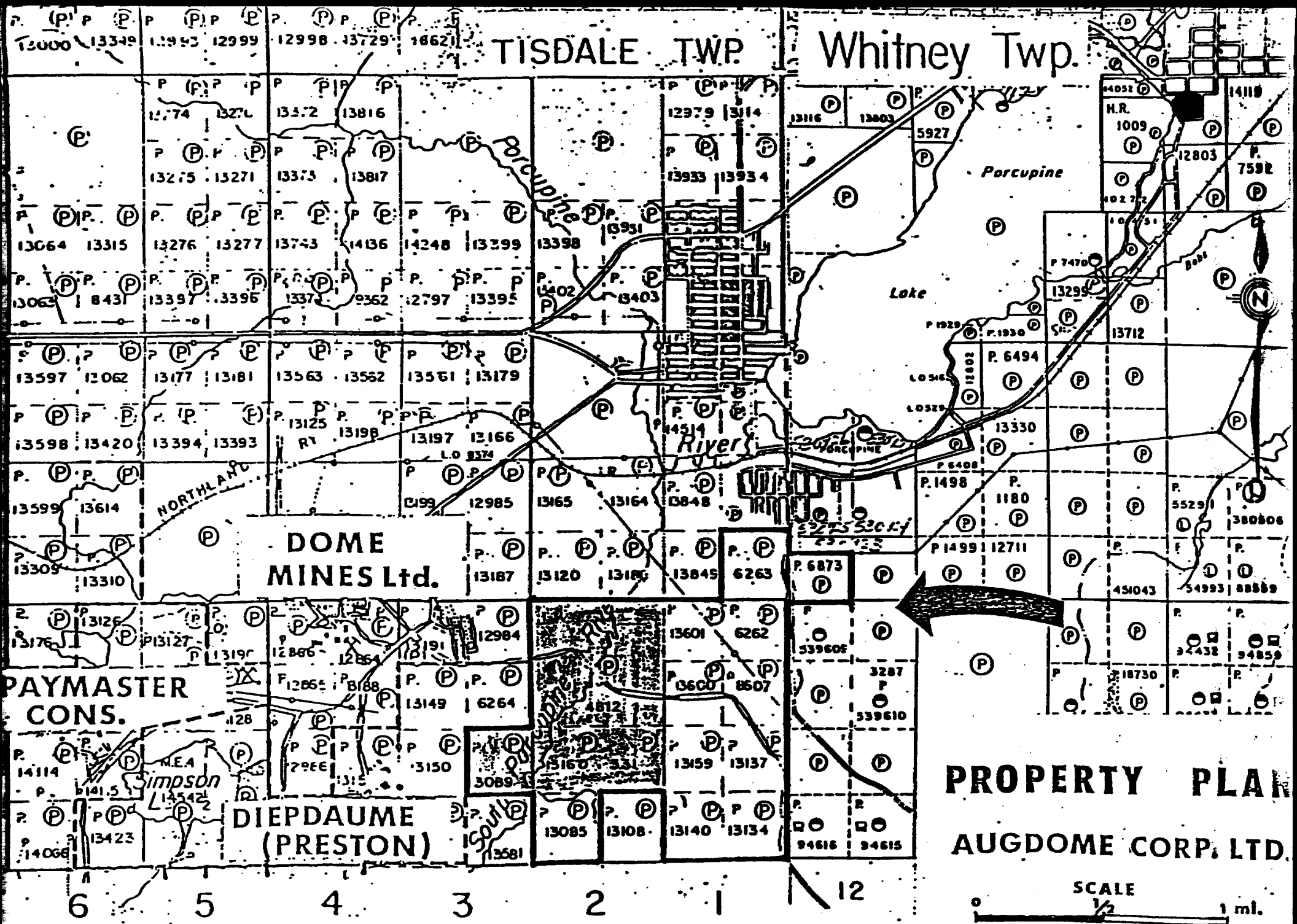
I am submitting herewith a report on the Augdome Corporation Limited property in Whitney and Tisdale Townships, Ontario.

In connection with this report, I hereby certify:

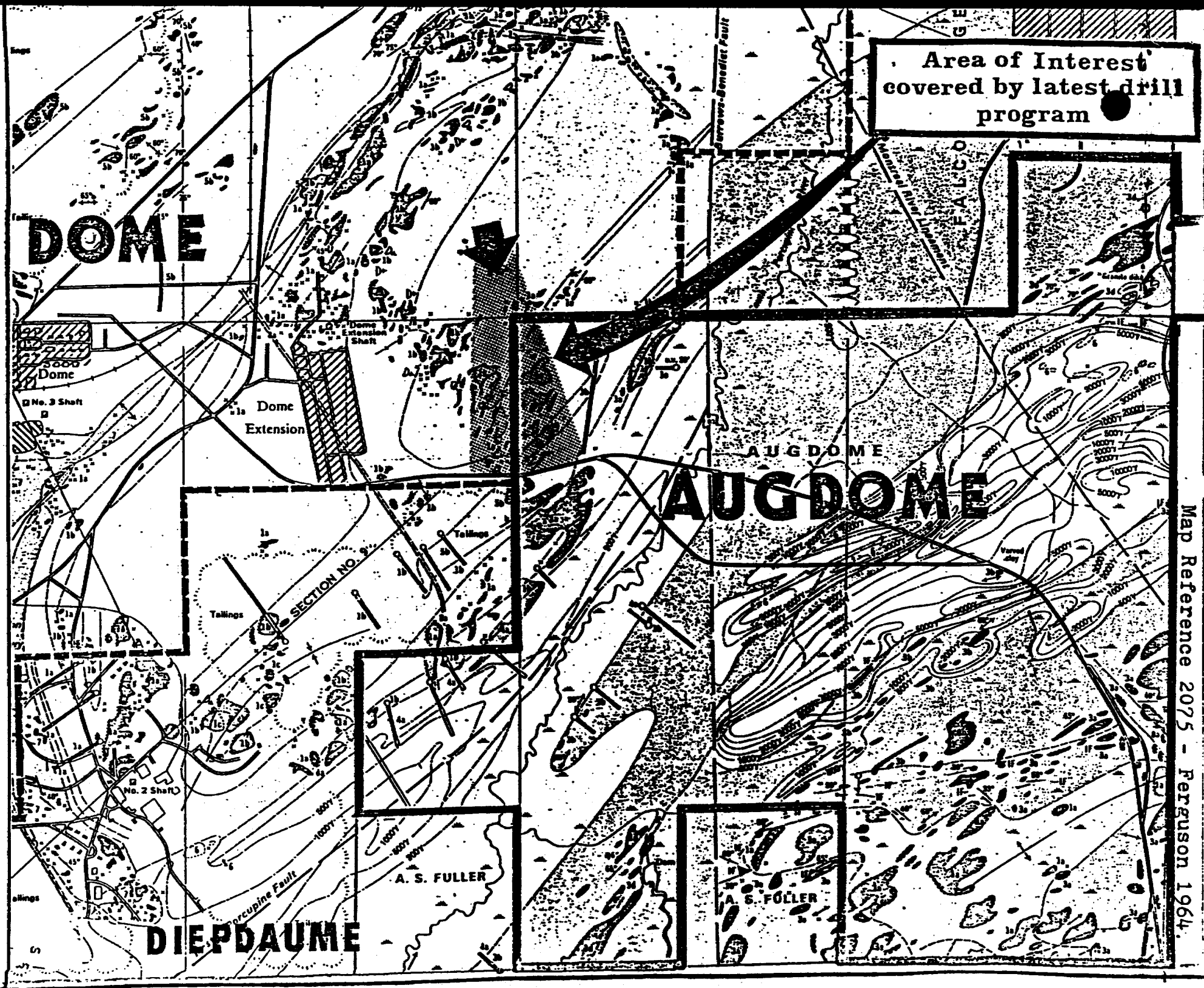
1. That I have an Honours Bachelor of Science degree in Geology from Carleton University, Ottawa, and have been practising my profession for seven years.
2. That I reside at 1463 Albion Ave., Oakville, Ontario.
3. That I have no interest directly or indirectly nor do I expect to receive any interest in the property nor the Company in which it is incorporated.
4. That the accompanying report is based on my familiarity with the general area and a comprehensive study of all the available data on the property as well as being in charge of the current diamond drilling program.

Toronto, Ontario  
17 December, 1983.

  
J. C. Archibald, B.Sc.  
Geologist



**PROPERTY PLAN**  
**AUGDOME CORP. LTD.**



Area of Interest covered by latest drill program

**DOME**

No. 3 Shaft

Dome Extension

SECTION NO. 2

No. 2 Shaft

**DIEPDAUME**

**AUGDOME**

A. S. FULLER

A. S. FULLER

AUGDOME CORPORATION LTD. - UNDERGROUND DRILLING 1983

<u>Location</u>	<u>Drill Hole #</u>	<u>Depth</u>	<u>Angle</u>	<u>Date: Started/Finished</u>	<u>Comments: Boundary</u>
26th Level (2614 Dr.)	20200B (wedged)	1311'	0°	March 1/83: May 20/83	Augdome/Dome Start 706' 812'/2017'
26th Level (2614 Dr.)	20200C (wedged)	837'	0°	July 4/83: July 28/83	Started @ 1000' 1000 to 1837'
26th Level	20200D (wedged)	161'	0°	July 28/83: Aug. 4/83	Started @ 900' 900' to 1061'
29th Level (2908 #3 X/C)	20796	486'	-20°	Aug. 15/83: Aug. 24/83	0 to 486' (no footage on Augdome)
29th Level (2908 #3 X/C)	20820	550'	-20°	Sept. 6/83: Sept. 29/83	0 to 550' (no footage on Augdome)
29th Level (2908 #3X/C)	20820A (wedged)	190'	-20°	Sept. 30/83: Oct. 27/83	362 to 552' Directionally wedged @ 373'

TOTALS

3,535 feet

MAR - 31  
 APR - 30  
 MAY - 20  
 June - -  
 July - 27  
 Aug - 13  
 Sept - 24  
 Oct - 27

172 days x 4 men = 688 man days

**DOMINE MINES LIMITED**  
**DIAMOND DRILL CORE LOG**  
 AND  
**SAMPLE RECORD**

Augdome Portion  
 Drilled for Augdome  
 D.O.M. NO. 20200B  
 LOCATION 2614 X/C  
 STARTED Mar: 4/83  
 FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	QZ TON	LOGGED BY	DESCRIPTION OF SAMPLE
812-831 Greenstone fragmental, light to medium green in colour with numerous angular greenstone fragments of felsic composition set in a fine grading matrix brecciated appearance, sharp contact with A.P.L. Rock cut by several white irreg. quartz veins 1 to 6" wide	8470	820.0 - 821.0	Tr.	D.R. 3/8/83	6" white qtz. irregular chlorite inclusions, Tr. pyrite
	8471	825.0 - 830.0	Tr.		5% qtz. stringers, fragmental, 0.5% dissem. pyrite
	8472	842.0 - 844.0	.005		10% irreg. qtz. str.
	8473	848.0 - 850.0	Tr.		20% irreg. qtz. str.
	8474	856.0 - 859.0	Tr.		5% irreg. qtz. & qtz. carb. str.
	8475	882.0 - 883.0	Tr.		1" white qtz. @ 30°, chloritic contacts
	8476	913.0 - 915.0	Tr.		1" qtz. str. irreg.
831-1070 Greenstone, uniform with numerous sections showing scattered amygdules, dark green in colour, with fine to medium grained texture. Cut by irregular quartz stringers - local Buff bleached sections	8477	923.0 - 927.0	Tr.		5% irreg. qtz. str., Tr. Py
	8478	945.0 - 947.0	Tr.		12" glassy qtz. vein, irreg. contacts at 40°, blebby intergrowth on lower contact
	8479	955.0 - 957.0	.005		10% white qtz. str. at 30° to C. axis
	8480	973.0 - 974.0	Tr.	1/2" qtz. vein at 30°, chlorite streaks, Tr. Py	
	8481	994.0 - 998.0	Tr.	5% irreg. qtz. str. & blebs. 0.2% dissem. pyrite	
	8482	1019 - 1022	Tr.	D.R. 03/09/83	10% irreg. qtz. str's & blebs
	8483	1024 - 1028	Tr.		5% white qtz. & bluish silicified section several qtz. carb. threads
	8484A	1028-1038	Tr.		10% qtz. & qtz. carb. str's
	8484B	1038 - 1042	Tr.		10-12% irreg. qtz. & qtz. carb. str's, tr. py,
	8485	1046.0 - 1051.0	Tr.		10% qtz. str' 50° to core axis tr. py,
	8486	1061.0 - 1066.0	Tr.		10% qtz. bluish and white str's 1% diss. & stky po py cpy
	8487	1070.0 - 1075.0	Tr.		2-1" qtz. str's 2-3% po py cpy streaks & splashes
	8488	1077.0 - 1081.0	.005		10% qtz. str's, 1-2% splashes of py cpy
	8489	1084.0 - 1088.0	Tr.		5% qtz. str's irreg. 0.5% sulphides
	8490	1088.0 - 1092.0	Tr.		10% qtz. str's, 1-2% stky py cpy.
	8491	1092.0 - 1096.0	.005	4-1/2" qtz. str. @ 30° 0.5% dissem. & blebs py & cpy	
	8492	1097.0 - 1101.0	Tr.	5% irreg. qtz. str., 0.5% blebs cpy	
	8493	1101.0 - 1105.0	Tr.	5% irreg. qtz. str,	
	8494	1105.0 - 1110.0	Tr.	8" irreg. qtz. carb. str, @ 30° 3" white qtz. @ 50° chlorite stks. 1% blebs of sulphide.	
	8495	1110.0 - 1115.0	.005		
1076-1107.0 Greenstone as above medium to dark green in colour, numerous scattered amygdules. Core cut by a number of white irregular quartz stringers. Several bluish quartz stringers and silicified sections with disseminated sulphides locally 2-3% pyrite chalcopryite core also shows disseminated & streaky pyrite & chalcopryite mineralization.					

DOME MINES LIMITED  
DIAMOND DRILL CORE LOG  
AND  
SAMPLE RECORD

D.D.M. NO. 20200 B  
LOCATION 2614 X/c  
STARTED Mar. 4/83  
FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	Oz./ TON	LOGGED BY D.R.	DESCRIPTION OF SAMPLE
1107-1190 Greenstone, amygdaloidal pillow lava as before with numerous pillow rims and selvages showing quartz carbonate and fine ankerite	8496	1126.0 - 1131.0	Tr.	03/09/83	cont'd
	8497	1136.0 - 1140.0	Tr.		10% irreg. qtz. & qtz. carb. str's 0.3% sulphide dissemination
	8498	1142.5 - 1143.5	.005	D.R. 03/10/83	15% irreg. qtz. & qtz. carb. str's 10-30° to core axis
	8499	1163.0 - 1166.0	Tr.		0.3% blebs sulphides
8500	1167.0 - 1170.0	Tr.	2-1/4" qtz. str., 2-3% po py,		
1645	1178.0 - 1183.0	Tr.	10% irreg. qtz. carb. str's, tr. py,		
1190-1221 Greenstone, dark green fine to medium grained unif. massive, cut by minor quartz threads.	1646	1189.0 - 1190.0	Tr.	D.R. 03/14/83	10% irreg. qtz. str's.
	1647	1198.0 - 1200.0	.005		10% irreg. qtz. str's & streak tr. py,
	1648	1221.0 - 1225.0	Tr.		2" grey siliceous zone on flow contact
	1649	1229.0 - 1232.0	Tr.		5% irreg. qtz. str's, tr. py,
	1650	1237.0 - 1238.0	.005		6" flow contact, 5% irreg. qtz. str's.
	1651	1239.0 - 1243.0	Tr.		10% irreg. qtz. blebs in pillow margins
	1652	1250.0 - 1253.0	Tr.		6" qtz. vein 50° to core choritic strks.
	1653	1259.0 - 1262.0	Tr.		5% blebs of qtz., 0.3% dissem. pyrite cubes.
	1654	1262.0 - 1266.0	Tr.		10-15% white to grey qtz. str's. chloritic strks.
	1655	1273.0 - 1275.0	.005		10% qtz. str's, tr. py,
1221-1364. Greenstone, amygdaloidal pillow lava, light to med. green in colour with numerous pillow rims & scattered amygdules. Quartz stringers favour emplacement in pillow margins.	1656	1279.0 - 1283.0	Tr.	D.R. 03/15/83	10% irreg. qtz. str's,
	1657	1309.0 - 1310.0	Tr.		15% qtz. white @ 50° to core axis tr. py,
	1658	1327.0 - 1330.0	Tr.		5% irreg. qtz. & qtz. carb. str's.
	1659	1338.0 - 1340.0	Tr.		6" white qtz. vein @ 50° tourmaline, streaks, tr. py,
	1660	1346.0 - 1349.0	Tr.		5% irreg. qtz. & qtz. carb. str's tr. py,
	1661	1355.0 - 1358.0	Tr.		10% qtz. str' @ 20° to core
	1662	1373.0 - 1375.0	Tr.		5% irreg. qtz. str's
	1663	1385.0 - 1390.0	Tr.		3" qtz. white @ 50°, 1/2" qtz. @ 30°
	1664	1433.0 - 1435.0	Tr.		10% irreg. qtz. str's, patchy mottled greenstone
	1665	1446.0 - 1447.0	.005		10% irreg. qtz. str's, tr. py,
1364-1441. Greenstone uniform for most part dark green in colour with medium to fine grained textures locally sections of breccia with sections from 2 to 3 feet showing scattered amygdules cut by several qtz. stringers & threads.	1666	1446.0 - 1447.0	.005	D.R. 03/15/83	10% irreg. qtz. str's,
	1667	1446.0 - 1447.0	.005		2" white qtz. @ 70° to core axis 1/2" irreg. qtz.
	1668	1446.0 - 1447.0	.005		
	1669	1446.0 - 1447.0	.005		
1441-1605 GREENSTONE, LIGHT TO MEDIUM green in colour, amygdaloidal pillow lava. Cut by numerous white quartz veinlets.	1670	1446.0 - 1447.0	.005	D.R. 03/15/83	
	1671	1446.0 - 1447.0	.005		

**DOME MINES LIMITED**  
**DIAMOND DRILL CORE LOG**  
AND  
**SAMPLE RECORD**

Augdome Portion Drilled for Augdome

D.O.M. NO. 20200 B  
LOCATION 2614 x/c  
STARTED March 1/83  
FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	Oz. / TON	LOGGED BY D.R.	DESCRIPTION OF SAMPLE
* Additional Assays	1670	1462.0 - 1467.0	Tr.	03/17/83	2-1" white qtz. str's 50° 1-1" grey qtz. @ 70° tourm. strks.
	1669	1474.0 - 1476.0	Tr.	D.R. 03/18/83	1" qtz. white @ 30°, 1-2% strky & patchy po py,
	1668	1497.0 - 1500.0	Tr.		1" irreg. qtz., 1-2% blebs, po py,
	1667	1500.0 - 1505.0	Tr.		5% irreg. qtz. str's, 1% py blebs
	1666*	1519.0 - 1522.0	.005		2" qtz. @ 30° qtz. chloritic streaks @ 30° to core, tr. py,
	8541	1522 - 1527	Tr.	D.R.	
	8543	1552 - 1557	Tr.	03/28/83	
1550 - 2' Ground Core	8503	1557.0 - 1562.0	.005		5% irreg. qtz. str's, tr. py,
	8504	157.0 - 157.0	.005		10% irreg. qtz. & qtz. carb. str's & brecciated inclusion
<u>1605 - 1631.0</u> :	8505	1594.0 - 1599.0	.005		2" white qtz. @ 70° to core several 1/4" qtz. str's @ 30° to core
Uniform Greenstone, med. to dark green in colour with fine to medium grained texture local amygdules. Cut by mine quartz stringers, some splashes of pyrite	8549	1599 - 1604	Tr.		4" sheared siliceous section, 3" qtz. stringer with tourmalin stks. 1-2% qtz. carb. str's.
	8550	1604 - 1609	Tr.		
	8506	1626.0 - 1631.0	Nil		
<u>1631-1677</u> :					
Uniform Greenstone - coarser centre of flow mat. medium to dark green in colour with lighter flecking, giving core porphyritic appearance few wispy qtz. threads.					
1666 - 6" broken and ground core	8507	1658.0 - 1663.0	Nil	D.R. 03/31/83	2% irreg. qtz. threads, tr. py,
<u>1677-1731</u> :					
Greenstone amygdaloidal pillow lava - light to med. green in colour. Fine to medium grained with bleached pillow rims. Cut by numerous quartz str's.	8508	1679.0 - 1683.0	Nil	D.R. 04/04/83	5-8% irreg. qtz. str's @ 50-70° to core tr. py,
	8509	1689.0 - 1691.0	Tr.		1" qtz. @ 30° to core, 2-1/4" qtz. tr. py,
	8510	1693.0 - 1698.0	Tr.	D.R. 04/09/83	10% irreg. qtz. str's.
	8511	1710.0 - 1715.0	Tr.		15% irreg. qtz. str to pebbles - 0.5% py cubes
	8512	1715.0 - 1720.0	Tr.		10% qtz. str. @ 10° to core axis chloritic inclusions



**DOMES MINES LIMITED**  
**DIAMOND DRILL CORE LOG**  
 AND  
**SAMPLE RECORD**

D.D.H. NO. 20200 B  
 LOCATION 2614 x/c  
 STARTED March 4/83  
 FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	TON	LOGGED BY D.R.	DESCRIPTION OF SAMPLE
				04/09/83	cont'd
<i>Greenstone</i> Uniform medium to dark green in colour fine grained massive with whitish flecking leucoxene contact with A.P.L. @ 50° epidotized slightly core cut by qtz. stringers and gash fracture filling, low angle to core axis	8513 8514 8515 8516 8517 8518	1726.0 - 1730.0 1738.0 - 1743.0 1749.5 - 1754.5 1759.0 - 1763.0 1771.0 - 1776.0 1776.0 - 1780.0	Tr. Nil Nil Nil Nil Nil		2" white qtz. + 3-1/2" qtz. @ 50° to core, tr. py, 10% irreg. qtz. str's. 20-30° to core axis 10% irreg. qtz. str's 10% irreg. flattish qtz. str's 15% irreg. qtz. white, 10-20° to core axis 5% qtz. str's, 0.5% dissem. po py, blebs approaching sediment contact.
<i>Sediments</i> Volcanic Fragmental - with fine gritty texture fragments range 1/16" to 1/2" in size, dissem. po and py, with sulphide blebs (clasts?) rock (mini conglomerate) dark green to black in colour interca slaty beds	8519 8520 8521	1780.0 - 1782.0 1782.0 - 1786.0 1786.0 - 1790.0	Nil Nil Nil		2-3% dissem. po py, some as clasts in fine gritty matrix sediment - fine grained 1% po py, 5% qtz. str's in gash fillings 10° to core contorted slate & sediments 2% cherty qtz. banding, 0.5-1% po py,
1790.0 - Fault - 2' mud seam	8522	1829.0 - 1832.0	Nil		local tuffaceous type section - 5% qtz. stringers irreg. to bedding @ 40-50°
<i>170-1902</i> Sediments slate - greywacke type dense, fine grained with dark green to black colour, well banded bedding @ 70°-90° to core locally contorted qtz. fillings of gash type fractured 10-20° to core	8523 8524 8525 8526 8527	1844.5 - 1848.5 1870.0 - 1874.0 1876.0 - 1879.0 1880.5 - 1883.5 1887.0 - 1890.0	Nil Tr. Nil Nil Nil		8" irreg. qtz. zone, +2" qtz. zone @ 30° to core, 0.5% py, 5% irreg. qtz. str's, tr. py, 2% qtz. str, banded sediment 5% irreg. qtz. & fractures fillings tr. py, 12" irreg. qtz. vein chloritic inclusions white no mineral 12" ground
1892 - 1901 - sediments - dark green in colour finely laminated and banded - contorted 30°-50° to core tuffaceous in nature - chloritic-fragmental @ 1900	8528 8529	1890.0 - 1895.0 1897.0 - 1900.5	Nil Nil		30% qtz. veins, white, irregular chloritic inclusions 10% irreg. qtz. str & patches
<i>1902-1906</i> Gneiss - uniform massive fine grained with dark chloritic alteration.					
<i>Talcose</i> <i>1906-1950</i> Altered greenstone dark green to black in colour, can be scratched with thumbnail with 1" pale green talc stringers. Local irregular quartz blebs and fracture fillings.	8530	1911.0-1916.0	Nil	D.R. 04/12/83	10% qtz. carb. talc. str's irreg. - representative sample
Ground Core Talc Seams @ 1925, 1926, 1934					



**DOME MINES LIMITED  
DIAMOND DRILL CORE LOG  
AND  
SAMPLE RECORD**

DRILLED FOR AUGDOME  
"BQ" Size 20820  
D.O.H. NO. 2908 #3 X/C  
LOCATION 2908 #3 X/C  
STARTED Sept. 6/83  
FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	DWY/TON	LOGGED BY ON	DESCRIPTION OF SAMPLE
0-6' CASING				G.P. 09/07/83	
6'-58' GREENSTONE - fn. gr., med. green in colour, sheared @ 60-80° to CA, some uniform tuffaceous sections to 3' in length intercalated with flowy textured sections w/ rounded spherical to elongate carb spherules, little chicken feed at chlorite enriched pillow margins, uniform sections cut by 5% irregular qtz and carbonate stringers	2985 2986 2987 2988 2989 2990 2991 2992	6 - 11 11 - 16 16 - 21 21 - 26 26 - 31 31 - 36 36 - 41 41 - 45	0.10 TR TR TR TR TR TR 0.10	G.P. 09/09/83	1/4" qtz bleb, Tr. py 1", 1/2" grey qtz veins, Tr. py 5% irreg qtz-carb stringers and blebs, Tr. py 2" mottled qtz vein @ 50° plus 5% irreg. qtz-carb veins, Tr. py 5% irreg qtz-carb blebs & stringers, Tr. py Three 1/4" qtz-carb stringers, Tr. py 10% irreg qtz carb stringers, Tr. py 10% very irreg qtz-carb threads & stringers, Tr. py
58'-69.0' FLOWY GREENSTONE - fn. gr., pale grey w/ olive green seams, sheared @ 70° to CA, fragmental textures, local siliceous bands & fragments w/ interstitial chlorite seams, few rounded, elongate carb amygdules to 1/2"	3095 3096 3097 3098 3099	45 - 50 50 - 55 55 - 60 60 - 65 65 - 70	0.10 0.10 0.10 0.10 0.10		5% irreg qtz-carb stringers, Tr. py 5% irreg qtz-carb veins, Tr. py 5% irreg qtz-carb veins and st., Tr. py 4" irreg mottled qtz vein / grey ank seams, chlorite seams, Tr. py 2% qtz and carb stringers, Tr. py
69-190.0' UNIFORM GREENSTONE - fn gr., dk green, uniform, sheared @ 50-65° to CA, uniform, chloritic, local tuffaceous textures sections to 6", cut by 2% qtz & qtz-carb stringers, trace py overall	3100 3101 3102 3103 3104 3105 3106 3173 3174 3175 3176 3177 3178	74 - 78 83 - 88 88 - 93 93 - 98 98 - 103 112 - 117 117 - 121 125 - 129 129 - 134 145 - 149 176 - 180 180 - 185 185 - 190	0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 0.10 TR TR TR TR	G.P. 09/12/83	1/4" qtz-carb stringer parallel to CA, 0.1% diss. py 5% qtz-carb stringers, 0.5% seamy py 2% qtz-carb stringers @ 30° to CA, 0.5% patchy & seamy py 5% qtz-carb stringers, 0.3% diss & seamy py 2% qtz-carb stringers, 0.1% diss. py 5% qtz-carb stringers, Tr. py 10% qtz-carb veining, Tr. py 30% broken up core, 10% irreg qtz-carb stringers, Tr. py 10% irreg qtz-carb st., Tr. py 10% qtz-carb st., Tr. py 10" carb-qtz vein @ 10° to CA, w/ dk green chl seams, Tr. 10% qtz-carb vein w/ grey ank seams, Tr. py 15% qtz-carb stringers & threads, Tr. py

DOMINE MINES LIMITED  
DIAMOND DRILL CORE LOG  
AND  
SAMPLE RECORD

D.D.M. NO. 20820 Page 2  
LOCATION 2908 #3 X/C  
STARTED Sept 6/83  
FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	DW/TON	LOGGED BY ON	DESCRIPTION OF SAMPLE	
<p>196-435.01</p> <p>AMYGDALOIDAL BASALT - fn gr., dk green, sheared @ 70° to CA, num rounded, spherical to stretched elongate carb amygdules to 1/2", heavy chlorite alteration</p> <p>ca 340 amygdules become very stretched to lengths of 2", greenstone very chloritic, dk, green, locally slightly softer</p>	3179	190 - 195	TK	G.P. 09/12/83	continued...	
	3180	201 - 203	TK		5% qtz and carb st., Tr. py	
	3181	209 - 213	TK		1/2", 1" qtz st., Tr. py	
	3182	213 - 217	TK		10% qtz st and blebs, Tr. py	
					G.P. 09/13/83	15% qtz-carb st., Tr. py
	3203	224 - 228	0.10		5% qtz-carb st @ 40°, Tr. py	
	3204	241 - 246	0.10		10% irreg qtz-carb st, 0.5% seamy py/po	
	3205	246 - 251	0.10		10% qtz-carb veining, 0.3% diss. py	
	3206	251 - 256	0.10		5% qtz-carb st @ 30°, Tr. py	
	3207	256 - 261	0.10		5% qtz-carb st @ 50°, Tr. py	
	3208	261 - 266	0.10		G.P. 09/14/83	5% qtz-carb st & threads @ 40 - 50° to CA, Tr. py
	3225	275 - 279	0.10		10% irreg mottled qtz-carb stringers, Tr. py	
	3226	287 - 292	0.10		10% irreg qtz st., 0.2% diss. py	
	3227	299 - 304	0.10		1", 12" irreg mottled qtz-carb veins w/ wallrock incl., 0.1% diss. py	
	3228	304 - 309	0.10		G.P. 09/15/83	1", 1/2", 20" irreg mottled qtz veins w/ little grey ank seams, brown tourmaline seams, wallrock incl., 0.1% diss. py
3278	313 - 315	0.10		10% irreg. qtz-carb bleb & stringers, 0.3% seamy py		
3279	317 - 320	0.10		Four 1/2" qtz st @ 40°, 0.3% diss. py		
3280	320 - 325	0.10		15% qtz-carb stringers, 0.5% coarse py		
3281	335 - 339	0.10		10% qtz-carb stringers @ 30-50°, Tr. py		
3282	339 - 343	0.10		10% qtz-carb st @ 40°, Tr. py		
3283	343 - 347	0.10		G.P. 09/20/83	5% qtz-carb st @ 40°, Tr. py	
3406	362 - 366	0.10		1/2", 3" qtz veins @ 60°, 0.2% diss. py		
3407	383 - 387	0.20		5% qtz & carb st @ 20-40°, Tr. py		
3408	391 - 396	0.10		1", 1/2", 2" qtz veins @ 70°		
3409	396 - 400	0.10		2% qtz st., Tr. py		
3410	400 - 405	0.20		5% qtz & qtz-carb st @ 30°, Tr. py		
3411	419 - 424	0.10		1", 3" qtz veins @ 20-50° with wallrock incl., grey ank veins, 0.1% diss. py		

**DOME MINES LIMITED  
DIAMOND DRILL CORE LOG  
AND  
SAMPLE RECORD**

Drilled for Augdome "BQ" Size

D.D.M. NO. 20920 Page 3  
LOCATION 2903 #3 X/C  
STARTED Sept 6/83  
FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	DWT/TON	LOGGED BY	DATE	DESCRIPTION OF SAMPLE
<p align="center">435.0 - 464'</p> <p>UNIFORM GREENSTONE - fn-med gr., dk green, sheared weakly w/ local strong shears @ 30-50° to CA, heavy chlorite alteration, few epidote threads, long, somewhat irregular, prismatic amphibole crystals, uniform</p>	3412	424 - 429	0.10	G.P. 09/20/83		continued...
	3413	429 - 434	0.20			20% <u>qtz veining</u> w/ wallrock incl., sericite seaming, Tr. py
	3414	436 - 437	0.20			15% <u>qtz veining</u> w/ wallrock incl., sericite bands, Tr. py
	3415	439 - 440	0.10			2" <u>qtz-carb vein</u> w/ amphibole crystals, chl. seams, Tr. py
	3416	446 - 450	0.10			1" <u>qtz vein</u> w/ chlorite pods, Tr. py
	3417	450 - 454	0.20			2" <u>qtz vein</u> @ 50-30° to CA, Tr. py
	3418	454 - 459	0.20			5% <u>qtz carb stringers</u> , 0.5% coarse py pods
	3418	454 - 459	0.20			10% <u>qtz-chlorite stringers</u> , 0.5% coarse py pods
<p align="center">464 - 497'</p> <p>GREENSTONE (TALCOSE) - fn. gr., med-dk green, sheared @ 50-70° w/ talcose slickensides, cut 497 - by 2% talc-carb threads, considerable talc alteration along shears and banding ca 430 - drillers report first bad stringing</p> <p>TALCOSE ROCK - fn. gr., dk greyish green, massive, broken up, soft, heavy talc alteration, cut by 2-5% very irregular talc-carb threads, Tr. py overall, local rounded carb amygdules mantled by talc</p>	3479	470 - 472	0.20	G.P. 09/21/83		5% <u>talc-carb stringers</u> , Tr. py
	3495	497 - 500	0.20	G.P. 09/22/83		5% <u>talc-carb stringers</u> , Tr. py
	3496	511 - 514	0.20			10% <u>qtz-talc stringers</u> , 0.3% py pods
	3497	518 - 521	0.30			5% <u>talc-carb-qtz veining</u> , 0.2% cubic py
3498	528 - 531	0.10	5% <u>qtz-talc-carb stringers</u> w/ rusty red hematite flecking			
<p>ca 537 - 550 10-12 feet of extremely broken core, mud and cave material. This section taken to Haileybury by G. Rivard to show Clarence Watson.</p> <p>Rods reported stuck in hole at start of shift and could not be retrieved.</p> <p>String of rods blasted - 370 feet of rods retrieved - 170 feet of BQ rods lost in hole</p>				D.R. 09/23/83		0.2% <u>seamy and diss. py</u>
					D.R. 09/29/83	
END OF HOLE; 550'						

NIL

**DOMINE MINES LIMITED**  
**DIAMOND DRILL CORE LOG**  
 AND  
**SAMPLE RECORD**

Drilled for Augdome

D.D.H. NO. 20820A  
 LOCATION \_\_\_\_\_  
 STARTED \_\_\_\_\_  
 FINISHED \_\_\_\_\_

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	DWT/TON	LOGGED BY ON	DESCRIPTION OF SAMPLE
Directional wedge in hole at 373' Reamed from 362' - 378'				09/30/83	
<u>378-552.0'</u>				G.P. 10/04/83	
<u>AMYGDALOIDAL BASALT</u> - fine grained, med. green, sheared @ 40° to CA, considerable chloritic alteration, num very elongated carb amygdules, cut by 2 - 5% carb threads and qtz-carb stringers	3816	384 - 387	0.10		1" qtz carb vein, 2% carb threads and blebs, Tr. py
	3817	390 - 394	TR		15% mottled qtz-carb veins @ 50-70° w/ irreg carb threads and stringers, Tr. py
	3870	399 - 404	TR	G.P. 10/05/83	10% irreg qtz-carb st., Tr. py
	3871	412 - 414	0.10		Qtz-carb vein @ 40° w/ 10% chloritic wallrock incl., Tr. py
	3872	418 - 423	0.10		40% irreg greyish white qtz-carb veining w/ chloritic wall-rock incl. & seams, Tr. py
	3873	423 - 427	TR		30% irreg greyish white qtz-carb veining, L.L.S., Tr. py
	3874	427 - 432	0.10		20% irreg qtz veining, LLS, 10" siliceous section w/ dark green chlorite seams, little pale pinkish scheelite? flecks, trace epidote seaming, Tr. py
	3976	432 - 434	0.10		40% pale white qtz. @ 40° w/ numerous chlor. inches, tr sulphide, pale cream accicular crystals 1/4" long (scapolite?)
	3977	434 - 447	0.10		10% qtz-carb stringers, WR- very slight talcose alterations.
Note - From 447 Feet drilling with Concave (non-coring) bit through Talc Rock. A.W. casing installed in hole to a limit of 532 feet (shoe-bit belled and casing became stuck). Drilled with AQ from 522 to 549 (concave) 549 to 551 (core) EX casing driven from 532 - 549 (limit) EX core 551 - 552 Rods stock & rods broke off in hole leaving bit, shell, 10 ft. rod and core barrel in hole	4403	549 - 552	0.10	G.P. 10/27/83	Tr. py
Hole abandoned 552' end of Hole 410 AW casing recovered					

**DOME MINES LIMITED**  
**DIAMOND DRILL CORE LOG**  
 AND  
**SAMPLE RECORD**

DTS DRILLED FOR AUK DOME  
 D.D.H. NO. 20796 Page 1  
 LOCATION 2908 3# x/c  
 STARTED Aug 15/83  
 FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	DWT/TON	LOGGED BY ON G.P.	DESCRIPTION OF SAMPLE
0-771 GREENSTONE - fn gr, med green, uniform, sheared @ 70° to CA, fragmental texture to 18°, considerable chl. alteration, cut by 10% qtz-carb stringers, well carbonitized, strong reaction to HCl.	2522	0 - 5	0.20	08/22/83	½" qtz st., Trpy
	2523	5 - 10	0.20		Trpy
	2524	10 - 15	0.10		Trpy
	2525	15 - 20	0.30		2" qtz st., Trpy
	2526	20 - 25	0.10		10% irreg qtz st., Trpy
	2527	25 - 30	0.10		7% qtz-carb st. L.L.S.
	2528	30 - 35	0.10		7% qtz-carb st., Trpy
	2529	35 - 40	0.10		1" grey qtz-carb st., Trpy
	2530	40 - 45	0.10		10% qtz-carb st., and threads, Trpy
	2531	45 - 50	0.20		10% qtz-carb st., Trpy
	2532	50 - 55	0.10		7% qtz-carb st., Trpy
	2533	55 - 60	0.10		5% qtz-carb st., Trpy
	2534	60 - 65	0.10		1" qtz-carb st., @ 65°, Trpy
	2535	65 - 70	0.10		1" qtz-carb st., Trpy
	2536	70 - 75	0.10		10% qtz-carb st., Trpy
77-2941 UNIFORM GREENSTONE - fn gr, dk green, sheared @ 70-80° to CA, uniform, cut by 5% qtz-carb stringers	2537	75 - 80	0.20		5% qtz-carb st @ 30° to CA
	2538	80 - 85	0.10		5% qtz-carb st., Trpy
	2539	85 - 90	0.10		5% qtz-carb st., Trpy
	2540	90 - 95	0.20		3% carb-qtz st., Trpy
	2541	95 - 100	0.10		2% carb threads, Trpy
	2542	114 - 116	0.10	Three 1" qtz bands, Trpy	
	2543	124 - 129	0.20	Two 1" carb bands, Trpy	
	2544	129 - 134	0.10	5% grey carb bands, Trpy	
	2545	134 - 139	0.10	5% carb-qtz stringers, Trpy	
	2546	139 - 144	0.10	2% qtz-carb st.; Trpy diss py	
	2547	144 - 147	0.10	5% carb-qtz bands and stringers @ 20-40° to CA, 0.3% diss py	
	2548	158 - 163	0.10	Two ½" qtz st @ 40°, Trpy	
	2549	163 - 168	0.10	3% qtz st, Trpy	
	2550	168 - 173	0.10	4% qtz st. @ 50°, Trpy	
	2551	173 - 177	0.10	5% qtz-carb st, Trpy	
	2552	186 - 189	0.10	10% qtz-carb st and band @ 30°, Trpy	

**DOMES MINES LIMITED**  
**DIAMOND DRILL CORE LOG**  
 AND  
**SAMPLE RECORD**

DTS DRILLED FOR AUGDOME

D.D.N. NO. 20796 Page 2  
 LOCATION 2908 3# x/c  
 STARTED Aug 15/83  
 FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	DWT/ TON	LOGGED BY ON	DESCRIPTION OF SAMPLE
				G.P. 08/23/83	
	2553	196 - 201	0.20		10% irreg. qtz.-carb. veining with chl. bands, Trpy
	2554	206 - 208	0.20		Tree 1" qtz. st., Tr py
	2555	227 - 231	0.20		10% irreg. qtz.-carb. st., Tr py
	2556	237 - 239	0.10		4" irreg. qtz. vein with wallrock incls. Tr py
200 - 288 Greenstone becomes med coarse grained, uniform, few qtz-carb stringers					
<u>294-440'</u> MYGDALOIDAL PILLOW LAVA - fn-med gr, med green, sheared @ 30° to CA, local round carb amygdules to 1/8", few fragmental carb bands (pillow margins?) considerable chlorite alteration, well carbonified moderate reaction to HCL, at by 5-10% qtz.-carb stringers.	2557	299 - 304	0.70		10% qtz-carb bands, Tr py
	2558	311 - 316	0.40		10% qtz.-carb stringers and blebs, Tr py
	2559	316 - 321	0.40		5% carb-qtz. stringers, Tr py
	2560	321 - 326	0.30		5% qtz.-carb stringers @ 30° Tr py
	2561	326 - 331	0.20		10% qtz.-carb stringers @ 30-55°, Tr py
	2562	345 - 350	0.20		10% irreg. qtz.-carb veins and stringers, Tr py
	2563	350 - 355	0.30		3% qtz.-carb stringers, Tr py
	2564	367 - 369	0.30		1" qtz. stringer @ 60°, Tr py
	2565	373 - 377	0.10		10% irreg. mottled qtz. veining, Tr py
	2566	382 - 387	0.10		10% irreg. qtz. stringers, Tr py
	2567	387 - 392	0.20		2% carb st., Tr py
	2568	392 - 397	TR		2% carb st., Tr py
	2569	397 - 402	0.10		5% qtz.-carb stringers @ 40°, Tr py
	2570	402 - 407	0.10		5% qtz.-carb stringers @ 50°, Tr py
	2571	407 - 412	0.10		1", 1/2" qtz. blebs and stringers, Tr py
	2572	412 - 417	0.10		2% qtz. and carb threads, Tr py
	2573	417 - 422	TR		10% qtz.-carb stringers, Tr py
	2574	422 - 427	0.10		5% qtz.-carb blebs, Tr py
	2575	427 - 432	0.10		2% qtz.-carb st., Tr py
	2576	432 - 437	0.10		Tr py
	2577	437 - 442	0.10		Tr py
	2578	442 - 447	0.10		0.2% coarse py pod
	2579	447 - 451	0.10		2% talc-carb stringers, 0.3% coarse py pod
	2580	451 - 454	0.10		Tr py
<u>440-454'</u> TALCOSE GREENSTONE - fn gr, med-dk green, sheared @ 35° to CA, heavy chlorite alteration, cut by pale green talc-carb stringers, becoming very soft, broken up and talcose after 454', 0.3% coarse py in large pods locally.				G.P. 08/24/83	
<u>454-486'</u> TALC ROCK - fn gr, dk green, sheared @ 70° to CA, very heavy talc alteration, soft, locally broken up, cut by 5% talc-carb veins, mottled texture throughout.					

END OF HOLE: 486'



DOMES MINES LIMITED  
DIAMOND DRILL CORE LOG  
AND  
SAMPLE RECORD

D.D.N. NO. 20200C WEDGE  
LOCATION 2614 DR  
STARTED July 4 1983  
FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

STAGE	DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	Oz./TON	LOGGED BY ON D.R.-G.P.	DESCRIPTION OF SAMPLE
	Hole 20200B plugged at 1000' wedge installed and hole reamed from 988 feet-full core at 1010				July 6, 1983	
1010 - 1180	AMYGDALOIDAL PILLOW LAVA - light med. green in colour, num scattered carb. amygdules local well developed pillow selvages with chicken feed and alteration halos, cut by irreg. 1-3" qtz. and qtz.carb. stringers	8551 8552 8553 8554 8555 8556 8557	1019-1021 1036-1039 1045-1047 1052-1056 1062-1064 1070-1075 1077-1079	Tr. Tr. Tr. Tr. Tr. Tr. Tr.		15% irreg. qtz. st., Tr. py 10% irreg. qtz. st. with green chl. seams, 1% streaky po/py 15% irreg. qtz. st., Tr. py 5% irreg. qtz.carb. st., Tr. py 15% irreg. qtz.carb. st. with little red hematite Tr. py 5% irreg. qtz. carb. st., Tr. py 1" grey mottled qtz. st., 1-2% streaky po/py
		8558 8559 8560	1088-1091 1093-1096 1102-1104	Tr. Tr. Tr.	G.P. 07/07/83	5% irreg. qtz-carb. st., 0.2% seamy py 10% carb-qtz. st., Tr. py three 1/2" qtz-carb. st. @ 60-70° to CA, 0.5% diss. py
		8561 8562 8563 8564 8565	1109-1112 1116-1118 1123-1125 1144-1146 1150-1155	Tr. Tr. Tr. Tr. Tr.	G.P. 07/08/83	15% irreg. qtz. st., Tr. py 15% qtz. st. @ 50° to CA, Tr. py 20% irreg. qtz. st., Tr. py 1" qtz. st. @ 40°, Tr, py 15% irreg. qtz-carb st. with red hematitic banding, Tr. py
		8566 8567 8568	1156-1157 1139.5-1141 1175-1179	Tr. Tr. Tr.		1 1/2" irreg. qtz. st., Tr. py 10% qtz-carb st., Tr. py 10% irreg. carb-qtz st., Tr. py
1180 - 1207	UNIFORM GREENSTONE - fn. gr., med. green in colour, uniform, cut by few irreg. qtz. threads	8569 8570	1188-1190 1194-1195	Tr. Tr.		4" irreg. qtz. vein with chloritic wallrock little grey ank., Tr. py 1/4", 1/8" qtz-carb st. @ 60°, 30° to CA, Tr.

**DOMES MINES LIMITED**  
**DIAMOND DRILL CORE LOG**  
 AND  
**SAMPLE RECORD**

D.D.H. NO. 20200C WEDGE PAGE 2  
 LOCATION 2614 DR.  
 STARTED July 4, 1983  
 FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	Oz. / TON	LOGGED BY G.P.	DESCRIPTION OF SAMPLE
<u>1207-1264</u> AMYGDALOIDAL PILLOW LAVA - fn. gr., med. green in colour, with num carb. amygdules and few beige to grey possible spherules, cut by num qtz. & qtz-carb stringers and small veins	8571	1214-1219	Tr.	07/08/83	continued 2" irreg. qtz. vein and 20% qtz. and carb stringers and threads, Tr.py
	8572	1219-1224	Tr.		1" irreg. qtz. vein and 20% qtz-carb stringers and threads, tr. py
	8573	1230-1232	Tr.	G.P. 07/11/83	5% irreg. qtz-carb. st., Tr. py
	8574	1236-1241	.005		15% irreg. carb-qtz. st. and bands Tr. py
	8575	1241-1246	Tr.		Two 1" grey qtz. belbs, 10% carb stringers, Tr. py
	8576	1251-1253	Tr.		1" irreg. qtz. stringer, Tr. py
	8577	1256-1260	.005		1 1/2" irreg. grey qtz. bleb, 10% carb. stringers and threads, Tr. py
<u>1264</u> AMYGDALOIDAL GREENSTONE - med. green in colour, fine grained, few local carb. amygdule concentrations, fairly uniform, cut by 2-5% irreg. carb. threads, Tr,py	8578	1267-1268	Tr.		1" grey qtz. stringer @ 40-60° to CA with green chlorite bands, Tr. py
	8579	1275-1276	.005	G.P. 07/12/83	1" grey qtz. vein @ 70° with white carbonate on margin, Tr. py
	8580	1283 - 1288	Tr.		10% irreg mottled qtz veining with chorite incl. little grey ankerite seams, Trpy
	8581	1288 - 1293	Tr.		5% irreg qtz-carb stringers and 0.5% coarse cubic py
	8582	1295 - 1298	Tr.		1", 1/2" qtz stringers @ 50-30° to CA
	8583	1301 - 1304	Tr.		15% irreg mottled qtz banding with wallrock incl. Trpy
	8584	1306 - 1310	Tr.		15% irreg qtz-carb stringers, 0.5% coarse cubic py locally
	8585	1312 - 1316	Tr.		15% irreg mottled greyish white qtz blebs and stringers, 0.3% diss py
	8586	1317 - 1320	Tr.		1", 1/2" irreg qtz stringers with grey ank bands, Trpy
	8587	1327-1332	Tr.	G.P. 01/13/83	15% irreg. carb-qtz threads and stringers, 1" qtz. st. with 0.3% streaky py
	8588	1338-1341	Tr.		5" irreg. white qtz. vein with grey ankerite bands and chloritic wallrock incl., Tr. py
	8589	1341-1345	Tr.		10% irreg. carb-qtz. stringers and threads, 0.5% coarse cubic py

GROUND CORE: 12" at 1268'

**DOMES MINES LIMITED**  
**DIAMOND DRILL CORE LOG**  
 AND  
**SAMPLE RECORD**

D.D.H. NO. 20200C WEDGE Page 3  
 LOCATION 2614 Dr.  
 STARTED July 4, 1983  
 FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	Oz./TON	LOGGED BY G.P.	DESCRIPTION OF SAMPLE
				07/13/83	continued
	8590	1356-1358	Tr.	G.P. 07/14/83	1" grey qtz. veinlet, 10% greyish white carb-qtz threads, 0.3% coarse diss. py
	8591	1360-1362	Tr.		20% irreg. qtz-carb. blebs and threads, 0.5% coarse cubic py
	8592	1367.5-1369	Tr.		10% carb. blebs, Tr. py
	8593	1371-1374	Tr.		10" irreg. greyish qtz. vein with narrow blueish grey ank. seams, chloritic wall rock incl., 1% coarse banded and cubic py, 5% irreg. carb. blebs and threads, Tr. py
	8594	1380-1383	Tr.		15% irreg. qtz. stringers, Tr. py
	8595	1386-1389	Tr.		10% irreg. qtz-carb. stringers, Tr. py
	8596	1399-1402	Tr.		10% irreg. qtz-carb. veins and threads, Tr. py
	8597	1410-1412	Tr.		20% irreg. qtz-carb. bands, Tr. py
	8598	1414-1416	Tr.		1", 1/2" qtz-carb. veins, Tr. py
	8599	1432-1436	Tr.		3" irreg. grey qtz. vein with chl. bands, 15% carb. threads and stringers, Tr. py
	8600	1436-1441	Tr.	20% irreg. qtz-carb veinlets and threads, 0.3% coarse cubic py	
	8601	1444-1446	Tr.	1" qtz-ank. bleb, 2" white qtz-carb. vein, Tr. py	
	8602	1453-1454	Tr.	2" qtz-carb vein, Tr. py	
	8603	1459-1461	Tr.	2", 1/2" qtz-carb veins with grey ank. seams, Tr. py	
	8604	1467-1468	Tr.	1" qtz. vein, Tr. py	
	8605	1471-1473	Tr.	25% irreg. mottled qtz. veining, Tr. py	
	8606	1474-1476	Tr.	1", 3" qtz. veins with grey ank. bands, Tr. py	
				G.P. 07/15/83	
	860	1508 - 1510	Tr.		15% irreg greyish qtz bleb and stringers, Trpy
		1511 - 1514	Tr.		15% irreg qtz-carb stringers, Trpy
	8609	1519 - 1520	Tr.		1/2" carb st., Trpy
	8610	1529 - 1531	Tr.		5% irreg carb-qtz st., Trpy
	8611	1538 - 1540	Tr.		1", Two 1/2" qtz-carb stringers @ 30-60° to CA, Trpy
	8612	1542 - 1544	Tr.		3" irreg mottled qtz-carb vein with chloritic wall-rock incl., Trpy
1407-1496 - GREENSTONE - Medium green, fine grained, uniform with local sections rich in carb. amygdules, cut by irreg. qtz. and qtz-carb. stringers and veins					
AMY 1496 EGDALODIAL PILLOW LAVA - med green in color num cab amygdules to 1/8", cut by irreg qtz-carb stringers, few carb rich pillow margins with dk green amphibole crystals					

**DOMES MINES LIMITED**  
**DIAMOND DRILL CORE LOG**  
 AND  
**SAMPLE RECORD**

D.D.H. NO. 20200C WED  
 LOCATION 2614 Dr. Page 4  
 STARTED July 4, 1953  
 FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	Oz./TON	LOGGED BY	DESCRIPTION OF SAMPLE
	8612	1542 - 1544	Tr.	G.P. 07/15/83	
	8613	1546-1547.5	Tr.		2", 3", 1" irreg. greyish white qtz-carb. veins, Tr. py
	8614	1548-1551	Tr.		10% qtz-carb. stringers, blebs and threads, tr. py
	8615	1551-1556	Tr.		15% irreg. qtz-carb. stringers, Tr. py
8617: 1560-1563 .....	8616	1556-1560	Tr.		10% irreg. qtz-carb stringers, Tr. py
	8618	1563-1567	Tr.		Two 1" irreg. qtz-carb veins, tr. py
	8619	1577-1580	Tr.		15% irreg. qtz. and qtz-carb. stringers & threads, tr. py
	8620	1586-1588	Tr.		15% irreg. qtz-carb. veins, Tr. py
				G.P. 07/19/83	
	8621	1594-1595	Tr.		1" qtz. vein @ 60°, Tr. py
	8622	1597-1599	Tr.		10% qtz-carb. stringers and carb. speckling, Tr. py
1610-1658	8623	1601-1604	Tr.		10% qtz. and qtz-carb. stringers and threads with chloritic seams, 0.4% coarse diss. py
<u>UNIFORM GREENSTONE</u> - med. green in colour, fine grained, few pale green bleached sections, uniform, cut by a few irregular qtz. bands and carb. threads, few local heavily chloritic bands	8624	1610.5-1614	Tr.		15% irregular qtz-carb. bands and threads, 0.3% cubic py
	8625	1621-1623	Tr.		1" qtz. vein @ 80°, 5% qtz. stringers @ 30°, little grey ank. seams and flecks, Tr. py
	8626	1625-1630	Tr.		1" irreg. qtz. vein with little grey ankerite, 10% pale green bleached bands, 5% grey ank. bands, Tr. py
	8627	1630-1634	Tr.		10% pale green bleached sections, Tr. py
	8628	1634-1635	Tr.		3" irreg. white qtz. vein with chlorite flecks, Tr. py
	8629	1635.8-1638.8	Tr.	G.P. 07/20/83	
	8630	1650-1653	Tr.		2", 4" qtz. veins @ 30-50° to CA with Chlorite seams, Tr. py
	8631	1656-1659	Tr.		10% irreg. greyish qtz-carb. stringers with chlorite seams, Tr. Py
1658-1694	8632	1666-1667	Tr.		5-10% irreg. carb-qtz. st., Tr. py
<u>AMYGDALOIDAL GREENSTONE</u> - med. green in colour, fine grained, small carb. speckles and amygdules throughout, cut by narrow qtz. and carb threads.	8633	1691-1693	Tr.		1" qtz-carb band, Tr. py
	8634	1703-1704	Tr.		1" qtz-carb. vein, Tr. py
<u>UNIFORM GREENSTONE</u> - med. green in colour, fine grained, uniform, cut by a few qtz-carb. stringers and threads	8635	1710-1712	Tr.		1" qtz-carb. st., Tr. py
	8636	1718-1721	Tr.		1", 3", 1" qtz. veins @ 60° to CA, Tr. py
					5% qtz. st., Tr. py

DOMINE MINES LIMITED  
DIAMOND DRILL CORE LOG  
AND  
SAMPLE RECORD

D.D.H. NO. 20200C WEDGE Pg 5  
LOCATION 2614 Dr.  
STARTED July 4/83  
FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	Oz / TON	LOGGED BY	DESCRIPTION OF SAMPLE	
<u>1724-1795</u> UNIFORM GREENSTONE - med. green in colour, coarser grained center flow material, coarse crystals of leucoxene cut by few, qtz. carb. stringers, some with epidote bands.	8637 8638 8639 8640 8641 8642 8643	1728 - 1731 1741 - 1743 1744 - 1747 1747 - 1750 1752 - 1756 1765.5 - 1767.5 1772 - 1775	Tr. Tr. Tr. .005 Tr. Tr. Tr.	G.P. 07/21/83            G.P. 07/22/83            D.R. 07/29/83	5% irreg. carb. threads, tr. py, 1", 1/4" irreg. qtz. carb. veins, tr. py, 2", 1" irreg. qtz. veins with carb. stringers, 0.3% cubic py, 10% qtz. carb. stringers, tr. py, 1/2", 1 1/2" qtz. carb. veins @ 50° to CA, 0.2% diss. py 20% irreg. qtz. carb. epidote veining with black tourmaline seams, tr. py, 20% irreg. qtz. carb. veining with black tourmaline bands, green epidote seams, wallrock incl. tr. py.	
<u>1795-1817</u> VOLCANIC FRAGMENTAL - dk. green to black in colour, fine grained, irregular, angular fragments 1/2"-2" local bedded slate bands with some slumping.	8645 8646 8647 8648	1790 - 1792 1794 - 1798 1798 - 1802 1801 - 1801	Tr. Tr. Tr. Tr.		10% qtz. carb. stringers, tr. py, 5% irreg. qtz. stringers, 0.3% coarse py, 5% irreg. qtz. stringers, 0.3% coarse py, 0.5% coarse diss. py,	
ca. 1811-1814 - well laminated slatex section bedded @ 35° to CA						
(Talcose) <u>1817-1834</u> GREENSTONE - medium to dark green in colour, fine grained, chloritic, cut by talc-carb. stringers & qtz. blebs, few pale green talc bands, soft mudded bands at 1824, 1826, and 1827	8649 8650	1817- 1821 1824-1826	Tr. Tr.		4" irreg. qtz. band with pale green talc seams, Tr. py 15% talc-carb. stringers, Tr. py	
<u>1834-1837</u> Talc. Rock, dark green in colour, soft soapy texture broken up with mud seam. <u>1834-1836</u> END OF HOLE - 1837'		1828 - 1831			25% irregular talc qtz. carbonate stringers, Tr pyrite	

**DOMES MINES LIMITED**  
**DIAMOND DRILL CORE LOG**  
 AND  
**SAMPLE RECORD**

DRILLED FOR AUGDOME

D.D.N. NO. 20200 D Wedge Page 1  
 LOCATION 2614 Dr.  
 STARTED July 28/83  
 FINISHED

DEPTH	DIP	MAG. BEAR.	DEPTH	DIP	MAG. BEAR.

DESCRIPTION OF ROCKS	SAMPLE NO.	FOOTAGE	Oz./TON	LOGGED ON	DESCRIPTION OF SAMPLE
The 20200C plugged at 900' wedge installed and hole reamed from 887 feet with full core at 906 feet.  Amy 906.0 - 1061.0. Agdaloidal pillow lava medium to light green in colour with numerous scattered amygdules. Bleaching around pillow selvages with local fragmental sections. Cut by minor quartz stringers.	8657	915.0-918.5	<.001	D.R. 07/29/83	2" + 1/2" qtz. white irregular, bleached sections
	8651	921-925	<.001	G.P. 08/02/83	2", 1", 1 1/2" irreg. qtz. veins with chloritic bleached margins, Tr. py
	8652	936-937	<.001	D.R. 08/03/83	1/2" irreg. qtz. stringers, Tr. py
	8654	956-959	<.001		15% irreg. qtz-carb stringers, Tr. py
	8655	980-981	<.001		1 1/2" carb-qtz. vein @ 20-40° to CA, Tr. py
	8656	990-991	<.001		1/2" carb. stringer, little cubic py
		995-998			5% irreg. qtz. str's, Tr. py
		1019-1023		D.R. 08/04/83	6" irreg. white Qtz., 30-50° to core axis, 1% patchy pyrite
		1023-1026			5% irreg. Qtz. stringers
		1029-1034			10% irreg. qtz. str's, Tr. py
		1034-1038			2% Qtz. str's - 1% pyrite patchy
		1038-1041			2% Qtz. str. - Tr. py
		1041 - 1044			15% irreg. Qtz. str's, Tr. py
		1044 - 1048			2" Qtz Str., 60° to core chloritic streaks, Tr. py
		1055 - 1058			2% irreg. Qtz str's
	8658	896- 899	<.001		
	8653	952- 954	<.001		

END OF HOLE : 1061.0



**ASSAYERS LIMITED**

QUE  
ONT.



**ASSAYERS LIMITED**

QUEBEC: 183 RUE GAMBLE O., C.P. 665 - ROU  
ONTARIO: 20 VICTORIA STREET, SUITE 506 - TOR

CEF

**CERTIFICATE OF ANALYSIS**

FOR **Mr. J. Archibald**  
**Toronto, Ontario**

FOR **Mr. J. Archibald**  
**Toronto, Ontario**

LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	LAB NO.	SAMPLE NO.	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER %	ZINC %
692	8519	Nil	27672	8530	Trace			
3	8520	Nil	3	8500	Trace			
4	1	Nil	4	1	Trace			
5	2	Nil	5	2	Trace			
6	3	Nil	6	3	0.005			
7	4	Trace	7	4	0.005			
8	5	Nil	8	5	0.005			
9	6	Nil	9	6	Nil			
00	7	Nil	27680	7	Nil			
1	8	Nil	1	8	Nil			
2	8529	Nil	2	9	Trace			
3	8531	Nil	3	8510	Trace			
4	2	Nil	4	1	Trace			
5	3	Nil	5	2	Trace			
6	4	Nil	6	3	Trace			
7	5	Nil	7	4	Nil			
8	6	Nil	8	5	Nil			
9	7	Nil	9	6	Nil			
10	8	Trace	27690	7	Nil			
11	8539	Trace	27691	8518	Nil			

DATE

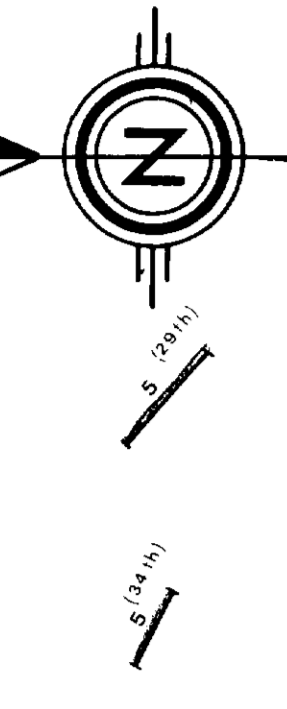
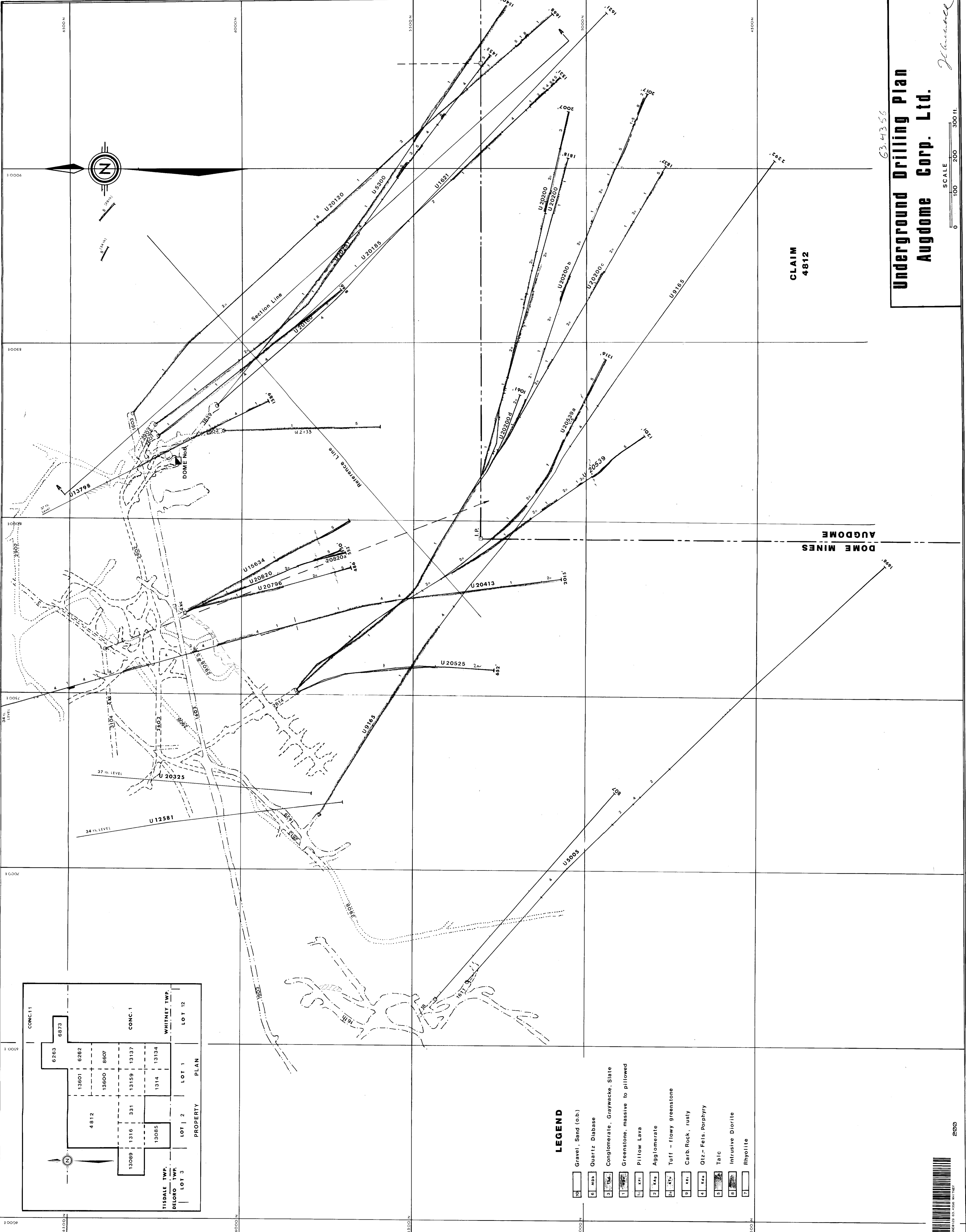
June 29, 1983

CERTIFIED CORRECT

June 29, 1983

UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE BEEN CORRECTED FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS  
SAUF MENTION CONTRAIRE, LES ESSAIS POUR L'OR ET L'ARGENT, NE SONT PAS CORRIGES POUR LES PERTES INHERENTES AU PROCEDURE D'ANALYSE

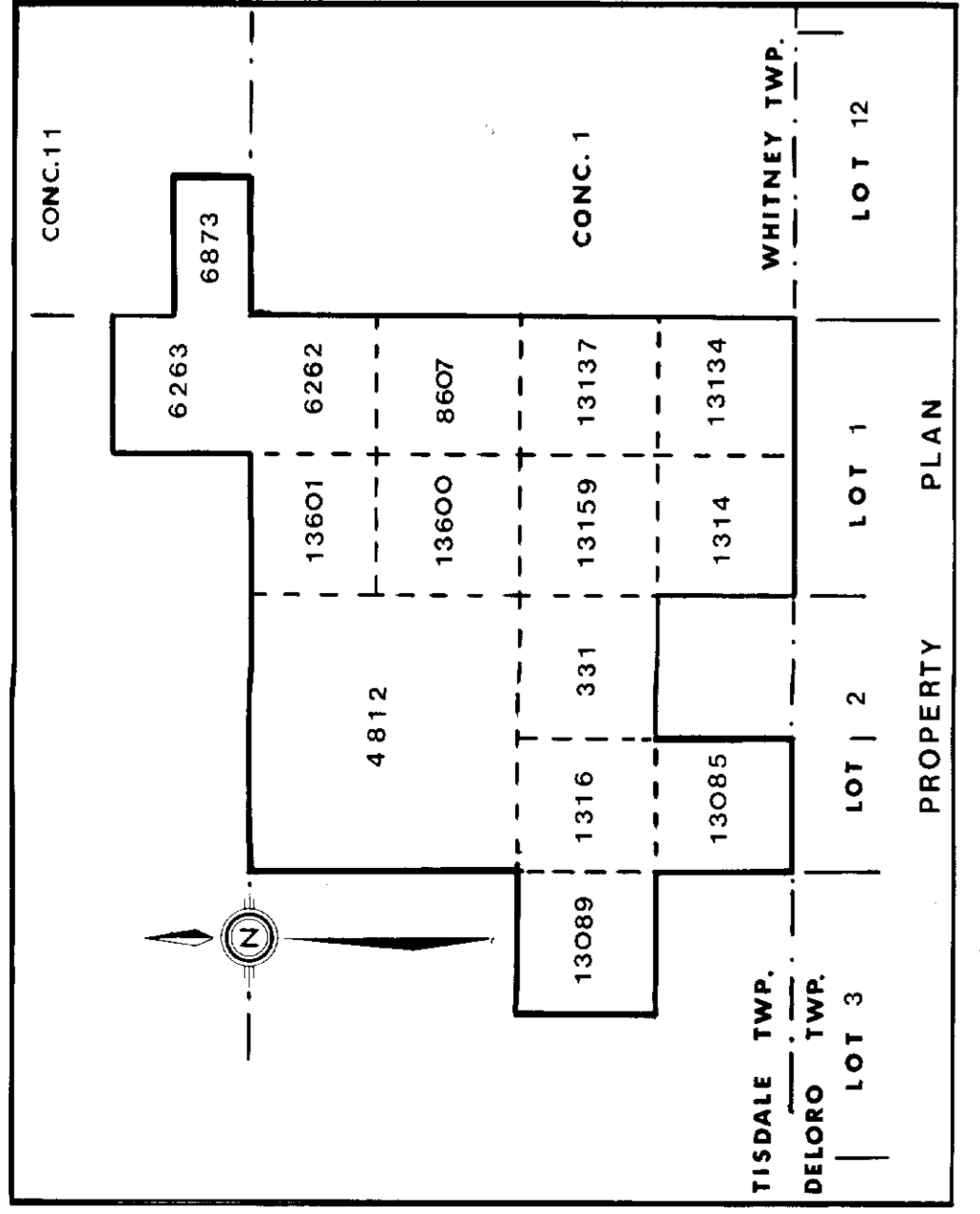
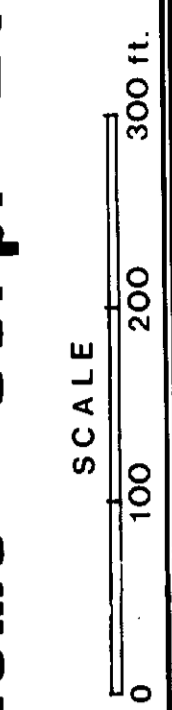
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CLAIM  
4812

DOME MINES  
AUDGOME

63-413-56  
**Underground Drilling Plan**  
**Augdome Corp. Ltd.**  
J. Howard



**LEGEND**

- 16 Gravel, Sand (o.b.)
- 8 Quartz Diabase
- 3 Conglomerate, Graywacke, Slate
- 1 Greenstone, massive to pillowed
- 1 Pillow Lava
- 2 Agglomerate
- 2 Tuff - flowy greenstone
- 5 Carb. Rock, rusty
- 4 Qtz.-Fels. Porphyry
- 5 Talc
- 8 Intrusive Diorite
- 7 Rhyolite

