GM 55006

REPORT OF DIAMOND DRILLING, VERNEUIL PROJECT

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REPORT OF DIAMOND DRILLING

VERNEUIL PROJECT
GOG-CGK Option and Parnor Option Properties
(15000 and 16000)
Verneuil Township, Quebec
N.T.S. 32 F/2
LAT. 49° 04' N., LONG. 76° 45' W

Robert J. Tremblay and Mark Fekete
March 21, 1995

C:\projects\vp\ddh95 - March 20, 1995

SUMMARY

Between November, 1994 and February, 1995, Freewest Resources Canada Inc. completed a 14 hole, 1954.1 m program of diamond drilling on the Vemeuil Project. The project is operated by Freewest and includes four separate, contiguous properties encompassing 247 mineral claims covering approximately 3898 ha of Vemeuil Township, Québec. The project area lies about 16 km east of Lebel-sur-Quevillon in the Abitibi region of Québec and is well accessed by a number of logging roads.

The drilling was done to test the Parnor, Moneta-Porcupine North and Midrim Shear Zones. No significant gold mineralization was encountered by drilling on the Moneta-Porcupine North and Parnor shear zones but a significant gold zone was identified within the Midrim Shear Zone.

The Midrim Shear Zone is focused along the contact between felsic to intermediate tuffs and an overlying dioritic to gabbroic sill. The shear zone averages some 20 m wide with very strong shearing and alteration at the contact with a gradual decrease in deformation and alteration towards the limits of the zone. The best gold mineralization occurs near the upper boundary of the shear zone within the hanging wall and not adjacent to the contact where the shearing and alteration are the most intense. The gold mineralization is associated with a zone characterized by moderate brecciation, silica-carbonate-sericite alteration and 2-15% pyrite as fine-grained disseminations or thin veinlets lying parallel to the foliation. Significant gold values were intersected in 5 of the 9 holes drilled through the zone as follows:

HOLE NO.	SECTION approx.	WIDTH (m)	GRADE (g/t Au)
VP94-49	5950 mE	2.45	5.5
VP94-54	5950 mE	4.60	5.2
VP95-55	5950 mE	2.00	3.0
VP95-56	5950 mE	5.00	3.2
VP95-57	5900 mE	1.00	1.9

The pyrite mineralization may have formed by alteration due to exposure of magnetite in the diorite to hydrothermal fluids that carried and deposited the gold. A secondary structure, oblique to the main shear zone, may be genetically more important with respect to control of the pyrite and attendant gold mineralization.

More work is required to test the Midrim Shear Zone. It is recommended that a detailed "Real Section I.P.", offered by Quantec Consulting Ltd., be done to identify concentrations of pyrite within the shear zone since the gold and pyrite appear to be related. Extensive trenching and stripping is also recommended in order to expose the shear zone and determine any structural or lithological features that may be relevant to the gold mineralization. The data from the I.P. survey and the trenching could then be used to plan a diamond drilling program. The approximate estimated cost of the recommended program is $38,000.00.

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1 Introduction

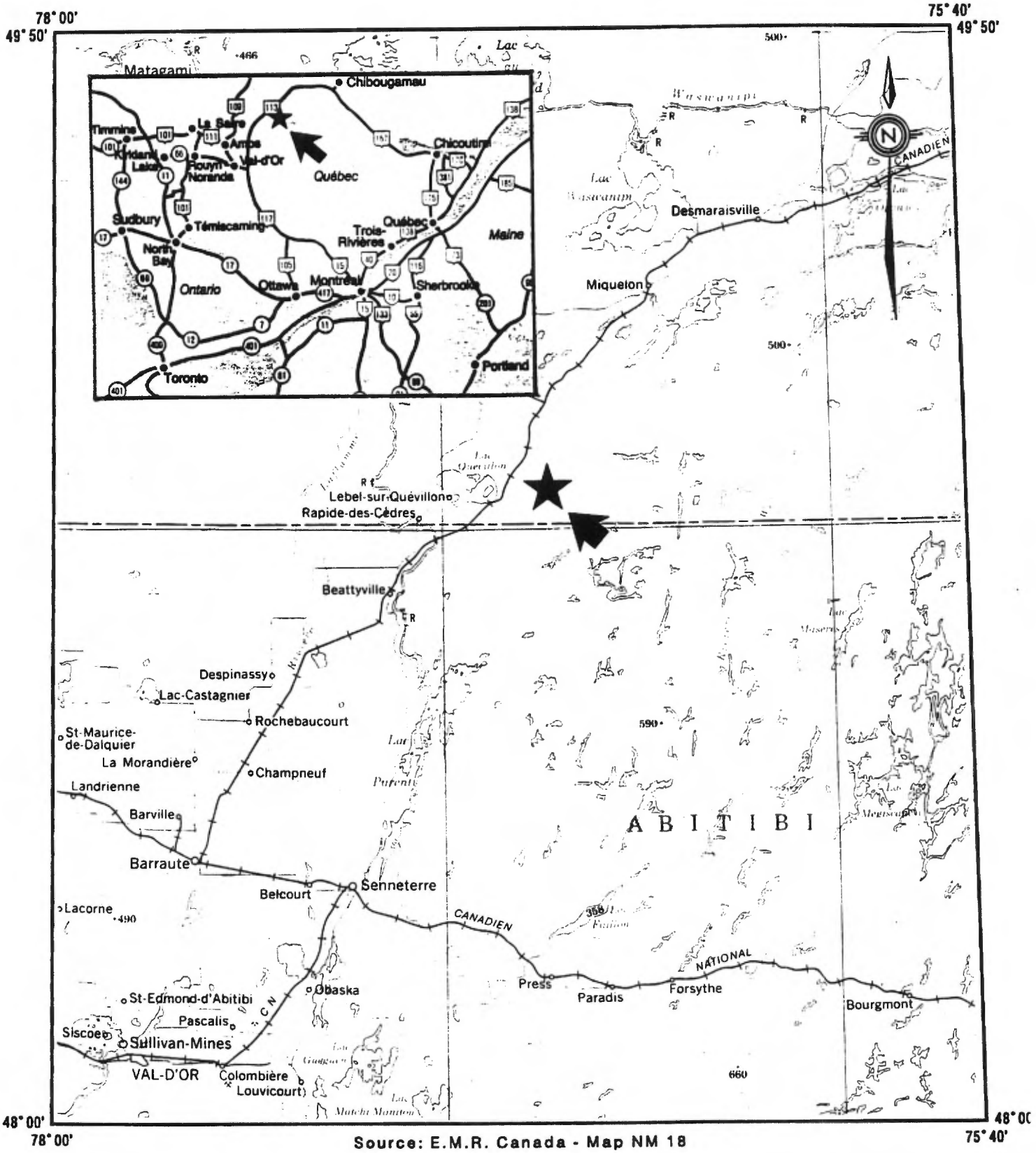
Freewest Resources Canada Inc. completed a program of diamond drilling on two properties located in Vemeuil Township, near the town of Lebel-sur-Quévillon. The two properties are part of a contiguous block of 247 mineral claims referred to as the Vemeuil Project. The drilling was done in two phases: one in October and November, 1994 and the other in January and February, 1995. The goal of the program was to test three gold bearing shear zones known as the "Midrim Shear Zone", the "Parnor Shear Zone" and the "Moneta-Porcupine North Zone". This report provides a complete description of the drill program and includes the appropriate drill logs, assay results, plans and drill sections.

2 Location and Access

The Verneuil Project is located approximately 15 km east of Lebel-sur-Quevillon, a small pulp and paper town situated along Route 113 some 160 km north-east of Val D'or, Québec (Figure 1). The project area is made up of four contiguous mineral properties which collectively cover most of the south-western quarter of Verneuil Township. The township appears on N.T.S. Map Sheet 32 F/02 and the approximate centre of the project area is described by 49°02' North Latitude and 76°45 West Longitude.

Excellent access to the claims is provided by Routes 101 and 105 which are all-weather logging roads maintained by Domtar Inc. on a year-round basis as part of that company's logging operations in the area. Numerous secondary logging roads allow excellent access to virtually all parts of the project area.

Accommodation, fuel and general supplies are readily available in Lebel-sur-Quevillon. Val D'or is the closest town that provides technical services including geophysics and assaying.



Source: E.M.R. Canada - Map NM 18

0 20 40 km

FILE # VL92-01

FREEWEST RESOURCES INC.

VERNEUIL PROJECT

Verneuil Township, Quebec

Figure No. 1

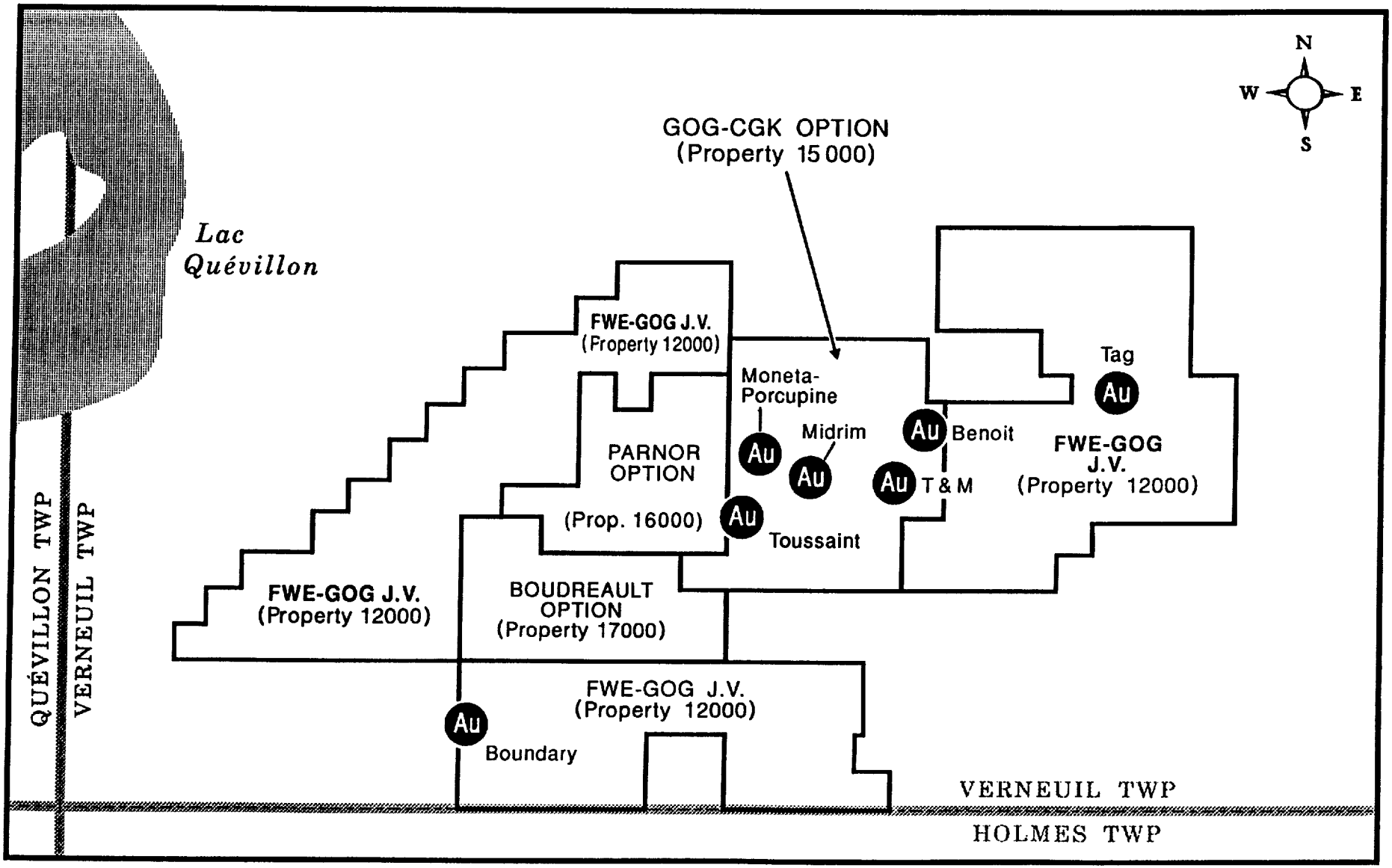
PROJECT LOCATION

3 Claim Information

Four properties are included in the Verneuil Project (Figure 2). The properties form a contiguous block of 247 mineral claims which cover an approximate area of 3,898 hectares. The number of claims included within the Verneuil Project has been reduced over the past year. As the operator, Freewest has earned a 50% interest in the GOG-CGK Option property which is the key property within the project area. The remaining interest in the property is held 30% by **Golden Tag Resources Ltd. (GOG)** and 20% by **Consolidated Gold Hawk Resources Inc. (CGK)**. The other properties are operated as a joint venture between Freewest and Golden Tag and were acquired by option from third parties and by staking. The particulars of the properties are outlined in Table 1. The work described in this report was mainly done on the GOG-CGK Option property with some work done on the Parnor Option. A complete list of the claims within the two properties is included in Appendix 1.

TABLE 1: Verneuil Project Properties

PROPERTY NAME	DESCRIPTION	CLAIMS	HECTARES
FWE-GOG J.V. Property 14000	Acquired by staking FWE-70%, GOG-30% JV	159	2544
CGK-GOG OPTION Property 15000	Acquired by option FWE-50%, GOG-30%, CGK-20%	44	674
PARNOR OPTION Property 16000	Acquired by option FWE-70%, GOG-30%	22	328
BOUDREAULT OPTION Property 17000	Acquired by option FWE-50%, GOG-50%	22	352
	TOTAL	247	3,898



FREEWEST
RESOURCES CANADA INC.

VERNEUIL PROJECT
Verneuil Township, Quebec
Figure No. 2
PROPERTY LOCATION

4 Previous Work

Since 1992, the most significant result of Freewest's exploration within the boundaries of the Verneuil Project, has been the delineation of a geological reserve of 187,700 tonnes of 7.1 g/t gold within the Toussaint Shear Zone (TSZ). Located on the GOG-CGK Option, the main features of the TSZ are that it occurs along the contact between intermediate tuffs and an underlying diorite sill and that this contact is spatially related to and identifiable by surface MAG and IP anomalies. A review of the work by Freewest and other previous workers, suggested that several structures including the Parnor, Moneta-Porcupine North and Midrim shear zones are similar to the Toussaint.

The Parnor Shear Zone is outlined for much of it's length by a strong magnetic contrast, discontinuous VLF anomalies and strong to moderate IP anomalies (although the IP coverage is incomplete). Several drill holes were completed on the structure by Parnor Exploration Ltd. in 1986. The drill logs describe a zone of shearing at the contact between felsic tuffs and diorite intrusives. Sampling in two of the drill holes is discontinuous and incomplete (Appendix 4) despite significant gold values such as 0.12 opt Au over 1', in P-86-2, and 0.13 opt Au over 1', in P-86-2.

The Moneta-Porcupine North Zone is exposed in a trench completed by Freewest in 1992. The zone is a narrow shear with graphite, chlorite and silica alteration mineralized by pyrite and magnetite. The zone returned a grab of 14.3 g/t Au and a chip sample of 3.9 g/t Au over 2.0 m.

The Midrim Shear Zone was first drilled by the Midrim Mining Co. in 1956 and later, in 1981, by Denison Mines Ltd. Several good intersections were reported in Midrim's hole V-1 including 0.15 opt Au over 5' but the sampling, which was discontinuous and complete, failed to identify the Midrim Shear Zone itself (Appendix 4). Denison did not report any assay results in the drill logs filed with MERQ and

presumably found no significant gold. The zone is easily identified by the MAG and IP data collected by Freewest in the area of the old drilling but becomes ambiguous to the northeast and southwest.

5 Diamond Drilling

5.1 Introduction

The diamond drilling was completed in two phases. The first phase was done between October 27 and November 15, 1995 and involved a total of 859.0 m of diamond drilling in 8 holes. The second phase was done between January 23 and February 10, 1995 and involved a total 1085.1 m of diamond drilling in 6 holes. In total, 1944.1 m of drilling were completed in 14 holes. Of this total, 1836.4 m (94%) were drilled in 13 holes located on the GOG-CGK Option property (15000). The remaining 107.7 m (6%) were drilled in a single hole located on the Parnor Option property (16000). The core obtained in the course of the drill program is all NQ diameter.

Forages M. Lafrenière Inc. of Nédelec, Québec was the drill contractor for both phases of the diamond drilling. Overall supervision was provided for Freewest by Mark Fekete of Val d'Or, Québec and direct supervision of drilling operations and core logging was carried out by Robert J. Tremblay, also of Val d'Or. The core was split for sampling with a diamond blade saw by assistant Raymond Morin of Val d'Or. The core is presently stored at Dubuisson, Québec. All the core samples were sent to Bourlamaque Assay Laboratories Ltd. in Val d'Or where they were analyzed by fire assay with either an Atomic Absorption or gravimetric finish. A number of core samples were sent to Swaztika Laboratories Ltd. in Kirkland Lake, Ontario for assay by the pulp and metallics technique.

The drill program tested three structures. A detailed description of each target and a discussion of the drill results is provided in the text of the report. A summary of this information is also provided (Table 2). Detailed drill logs (Appendix 2) and complete assay results and weight averaged calculations (Appendix 3) are also included. Two plan maps show the location of the drill holes (Plates 1 and 5). The geology and assay results of each hole are plotted on the appropriate cross sections at a scale of 1:500 (Plates 2, 3, 4, 6, 7, 8, and 9). A longitudinal section of the Midrim Shear Zone is also presented (Plate 10).

5.2 The Moneta-Porcupine North Zone

One hole, 95.5 m in length, was drilled to test the Moneta-Porcupine North Zone (MNSZ) which was uncovered by trenching done in 1992 by Freewest. Hole VP-94-51 was aimed at testing the MNSZ 40 to 50 m down-dip. A 1.0 m wide, graphitic and pyrite-pyrrhotite rich shear zone similar to the surface zone was intersected at the projected level, but only negligible gold values were encountered. Elsewhere in the hole, gold values of 780 ppb over 1.0 m, 865 ppb over 2.0 m and 490 ppb over 0.5 meter constitute the only noteworthy intersections. From information gathered to date, it appears that gold at this site is probably limited to quartz rich pockets which are restricted to fold noses in isoclinal folds, within the shear.

5.3 The Parnor Shear Zone

Three holes were drilled on this gold bearing structure for a total of 220.9 m. One of these holes however, VP94-52A, was abandoned at 19.8 m due to drilling difficulties. Drilling at this site was completed in a second attempt with hole VP-94-52. The holes were all drilled near holes drilled previously by Parnor Exploration Ltd. in which anomalous to significant gold values were determined.

Hole VP94-52 was aimed to undercut Parnor's hole P-86-1. Felsic to intermediate tuffs were encountered throughout the hole with numerous narrow zones of weak to moderate shearing and silica-carbonate-sericite banding and alteration. Some narrow quartz-carbonate-tourmaline veins were also cut. Only one interval of anomalous gold was encountered from 28.9 to 30.4 meters. This interval returned values ranging from 230 over 1.0 m to 1230 ppb over 0.5 m and is nominally related to a narrow quartz tourmaline vein. Although the gold values are much lower than expected, this interval may still represent the north-east extension of the PSZ.

Hole VP94-53 was drilled to test the down-dip extension of the gold-bearing interval, described as a

zone of silicification and pink alteration (hematite), encountered in Parnor's hole P-86-2. A similar zone of shearing and silica-hematite alteration was encountered from 97.8 to 99.3 m in hole VP-94-53 but returned only trace amounts of gold. Elsewhere in the hole a 1.0 m wide, weakly sheared, siliceous zone bearing 1 to 3% pyrite and minor amounts of carbonates and sericite returned a single gold value of 300 ppb.

5.4 The Midrim Shear Zone

A total of 1627.6 m was drilled in ten holes to test the Midrim structure. One of the holes, VP94-54A, was abandoned at 45.7 m due to drilling difficulties. The zone was discovered in hole VP94-49 which was drilled to test the down-dip extension of several gold bearing horizons reported in hole V-1, drilled by the Midrim Mining Co. in 1956 (Appendix 4). Midrim cut the gold-bearing structure now referred to as the Midrim Shear Zone (MSZ) but did not sample the structure completely and did not identify it as auriferous. Freewest considers the zone to be a new discovery.

The MSZ varies from 9 to 35 m in width and is centred along a contact between gabbroic to dioritic intrusives and felsic to intermediate tuffs. The shearing, marked by foliation, appears to be parallel to the contact which, in turn, is parallel and conformable with the bedding plane. The general orientation of the structure is 060/70° NW. The intensity of the shearing is generally strongest at the contact and gradually declines into the hangingwall intrusives and footwall tuffs.

The tuffs within the shear zone are pale to medium grey with colour banding and numerous schistose intervals developed parallel to the foliation. Silica-carbonate alteration is pervasive within the tuffs with occasional bands of sericite alteration. The tuffs outside the shear zone are felsic to intermediate, generally medium grey in colour, fine-grained and weakly foliated with pervasive weak sericite-carbonate-chlorite alteration. They are mostly fine-grained but there are numerous narrow bands of crystal tuff, lapilli tuff and agglomerate.

Within the shear zone the intrusives are characterized by alternating lighter silica-carbonate and darker chlorite-sericite bands, variable disseminations of magnetite and a fissile, schistose nature due to strong foliation. Outside of the shear zone, the intrusives, which include quartz diorite, diorite and gabbro, vary from pale grey to dark green, fine-grained to coarse-grained and non-magnetic to strongly magnetic. Generally they show weak to moderate pervasive chlorite-carbonate alteration.

The best gold values occur well above the tuff contact within the sheared intrusives where shearing is weaker, brecciation is moderate and alteration varies from moderate to strong, pale grey silica-carbonate to moderate greenish yellow sericite, and where fine-grained pyrite (2-15%) is abundant.

Hole VP94-49 encountered the MSZ from 59.35 to 80.2 m. The contact between the pyroclastics and overlying diorite/gabbro body, at roughly 69.4 m, represents the area of strongest shearing, with strong silica, ankerite and sericite alteration. At its core, the shear is colour banded, presents a mylonitic appearance, and bears only weak amounts of sulphides (1%). The best gold values were obtained from 62.35 to 64.80 m in diorite just above the zone of strongest shearing. The weight averaged value for this intersection is 2.45 m of 4.8 g/t Au (fire assay) or 2.45 m of 5.5 g/t (pulp and metallics assay).

Hole VP94-50 was drilled as a 100 m step-out along strike from VP94-49 to the northeast. It was aimed at undercutting a hole drilled by Denison Mines Ltd in 1981. In the Denison hole, the MSZ and related sulphide rich zones in the quartz-diorite were reported but no assay results were stated. In VP94-50, the MSZ was intersected 50.0 to 69.0 m with the contact between the tuffs and the diorite at roughly 57.0 m. Similar to the first hole, best developed shearing straddles the geological contact but in this hole, pervasive hematite alteration confers on the shear a distinctive reddish to pink colour. Only weak gold values, up to 260 ppb, were encountered in the diorites, again just above the zone of strongest shearing.

Hole VP94-54, aimed to undercut VP94-49, intersected the MSZ from 103.6 to 119.0 m, with the contact between the tuff and the diorite at roughly 111.55 meters. Again, shearing is best developed at this

contact and the best gold values occur in the diorite portion of the shear zone, above the interval of strongest shearing. The gold-bearing zone in this hole is very similar to the zone in the discovery hole except for an increase in the pyrite content. It lies within moderately brecciated, sheared and sulphidized quartz diorite. The texture is quite competent with only weakly developed cleavage. The zone contains moderate amounts of greenish yellow sericite and light grey silica-carbonate; this gives the zone a distinctive light greenish grey colour, a contrast with the much darker chloritic intervals above and below. Fine pyrite, as disseminations and fine veinlets parallel to the foliation, occurs throughout the interval in concentrations varying from 2 to 3% up to 10 to15%. Anomalous gold values were determined from 103.6 to 108.2 m with the best weight averaged intersection, 4.6 m of 4.9 g/t Au (fire assay) or 4.6 m of 5.2 g/t Au (pulp and metallics), situated between 103.6 and 108.2 m.

Hole VP95-55, aimed to undercut VP94-54, intersected the MSZ from 124.2 to 150.6 m, with the contact between the tuff and diorite at roughly 146.2 m. The zone is similar to the other holes drilled on this section except that there are numerous, narrow, barren diabase dykes within the zone. Anomalous gold values occur from 133.2 to 142.6 m and the best gold values occur within the sheared diorite above the interval of strongest shearing. The best weight averaged intersection was obtained from 137.4 to 139.4 m and contains 2.0 m of 2.04 g/t Au (fire assay) or 2.0 m of 2.98 g/t Au (pulp and metallics). Pyrite within the gold-bearing zone varies from 2 to 8%.

Hole VP95-56, also aimed to undercut VP94-54, intersected the MSZ from 154.8 to 176.7 m, with the contact between the tuff and diorite at roughly 170.1 m. Although anomalous gold values were obtained from 162.8 to 172.1 m, the best gold values in this hole appear to be directly related to the pyrite content. This is evident in the interval from 163.9 to 164.6 m which is mineralized with 3 to 5% pyrite and assayed up 14.20 g/t gold and the interval from 168.0 to 170.1 m which is mineralized with 2 to 8% pyrite and assayed up to 5.89 g/t Au. The best weight averaged interval was obtained from 163.9 to 169.9 m and includes 5.0 m of 3.21 g/t Au (fire assay) or 5.0 m of 3.24 m Au (pulp and metallics).

Hole VP95-57 was drilled as a 50 m step out along strike to the southwest from the holes drilled on Section 59+50 E. Although the MSZ was intersected from 77.8-96.9 m, no significant pyrite mineralization was noted and, probably due to the lack of pyrite, no anomalous gold values were encountered. The diorite within the shear zone is moderately to strongly magnetic in contrast to the sheared diorite found in the previous holes.

Hole VP95-58 , aimed to undercut VP94-57, intersected the MSZ from 143.3 to 152.4 m. Similar to VP95-58, this hole did not contain significant pyrite or gold mineralization within the MSZ except for a single anomalous value of 450 ppb. However, anomalous values were determined in the hangingwall well above the MSZ from 118.3 to 122.8 m where 2 to 3% pyrite occurs in a zone of sheared, silicified diorite. The best weight averaged intersection in this interval is 1.2 m of 1.96 g/t Au (fire assay) from 121.1 to 122.3 m.

Hole VP95-59 was drilled on Section 60+00 E to test the northeastern strike extension of the gold zone from the discovery hole. The MSZ was encountered from 103.1 to 138.0 m in this hole with the tuff-diorite contact roughly at 124.5 m. Although no significant gold intersection was determined, strongly anomalous values ranging from 630 to 1460 ppb Au were found within a variably anomalous section of sheared diorite from 106.5 to 124.5. The better gold values are related to narrow intervals of fine-grained, disseminated pyrite that occur within the anomalous zone. In this hole, parts of the MSZ are marked by hematite alteration similar to that observed in VP94-50 which was drilled on the section 35 m to the northeast.

Hole VP95-60, aimed to undercut VP94-56, intersected the MSZ from 225.0 to 252.7 m, with the contact between the tuff and diorite at roughly 234.1 m. Some scattered anomalous gold values were obtained but no meaningful accumulation of pyrite was noted and no significant gold intersection was encountered. Narrow diabase and lamprophyre dykes occur throughout the zone.

DIAMOND DRILLING SUMMARY SHEET - PHASE 1

CLAIM NO. PROPERTY GRID	HOLE NO.	LINE	STATION	AZIMUTH	DIP	LENGTH (m)	SAMPLES	TARGET AND COMMENTS
5088736 15000 B	VP94-49	59+37 E	49+84 S	148°	-62°	201.2	64	Midrim Shear Zone - MSZ: 59.4-80.20 m; anomalous gold: 62.3 5-65.40 m, best wt avg.: 62.35-64.80 m, 2.45 m @ 4.8 g/t Au (fire) @ 5.5 g/t Au (metallics), gold zone adjacent to well-sheared contact between diorite and felsic/intermediate tuffs; strong silica-sericite -ankerite alteration and 1-7% pyrite.
5088736 15000 B	VP94-50	60+35 E	49+90 S	145°	-46°	152.4	43	Midrim Shear Zone - MSZ: 50.0-69.0 m; no significant assays. Shear zone marked by pink hematite alteration.
5088744 15000 B	VP94-51	56+70 E	45+52 S	145°	-43°	95.5	24	Moneta Porcupine North Zone - MPNZ: 21.0-40.0 m characterized by intermittent, moderate shearing, silica-sericite alteration and minor pyrite-pyrrhotite alteration; anomalous values: 22.0-40.0; no significant intersections.
5092085 15000 A	VP94-52A	9+30 W	00+35 N	150°	-55°	19.8	4	Parnor Shear Zone (NE extension) - hole abandoned due to caving
5092085 15000 A	VP94-52	9+30 W	00+38 N	150°	-56°	91.4	56	Parnor Shear Zone (NE extension) - moderatly sheared felsic tuff with moderate silica-sericite alteration; anomalous gold values: 28.9-32.35 m, no significant intersections.
5105363 16000 A	VP94-53	12+19 W	00+52 S	150°	-50°	109.7	49	Parnor Sear Zone - moderatly sheared tuffs; moderate silica-carbonate -sericite alteration; no significant assays.
5088736 15000 B	VP94-54A	59+50 E	49+34 S	150°	-60°	45.7	1	Midrim Shear Zone - hole lost due to caving
5088736 15000 B	VP94-54	59+50 E	49+35 S	150°	-60°	143.3	37	Midrim Shear Zone - MSZ: 103.6-119.0 m, anomalous gold: 101.1-110.9 m, best wt avg.: 103.6-108.2 m, 4.6 m @ 4.9 g/t Au (fire) @ 5.2 g/t Au (metallics); gold zone similar to VP94-49 but with 2-15% pyrite.
					TOTAL	859.0	278	

DIAMOND DRILLING SUMMARY SHEET - PHASE 2

CLAIM NO. PROPERTY GRID	HOLE NO.	LINE	STATION	AZIMUTH	DIP	LENGTH (m)	SAMPLES	TARGET AND COMMENTS
5088736 15000 B	VP95-55	59+50 E	49+35 S	144°	-82°	167.6	60	Midrim Shear Zone - MSZ: 124.2-150.6 m; anomalous values: 132.8-142.6 m; best wt. avg.: 137.4-139.4 m, 2.0 m @ 2.04 g/t Au (fire) @ 2.98 g/t Au (metallics); numerous diabase dykes within zone. Gold zone contains 2-8% fine, disseminated pyrite.
5088736 15000 B	VP95-56	59+50 E	48+75 S	143°	-62°	246.9	51	Midrim Shear Zone - MSZ: 154.8-176.7 m; anomalous values: 160.9-170.6 m; best wt. avg.: 163.9-168.9 m, 5.0 m @ 3.21 g/t Au (fire) @ 3.24 g/t Au (metallics). Gold zone contains 1-8% fine, disseminated pyrite.
5088736 15000 B	VP95-57	59+00 E	49+75 S	145°	-65°	100.6	24	Midrim Shear Zone - MSZ: 77.8-96.9 m; no significant results.
5088736 15000 B	VP95-58	58+99 E	49+25 S	144°	-60°	152.4	34	Midrim Shear Zone - MSZ: 143.3-152.4 m; anomalous values: 118.3-122.8 m; best wt avg.: 121.1-122.3, 1.2 m @ 1.90 g/t Au (fire) in narrow shear zone well above MSZ with 2-3% fine, disseminated pyrite.
5088736 15000 B	VP95-59	60+00 E	49+30 S	143°	-70°	158.5	56	Midrim Shear Zone - MSZ: 103.1-138.0 m; anomalous values: 106.5 to 124.5 m, ranging from 630 to 1460 ppb Au.
5088736 15000 B	VP95-60	59+50 E	48+25 S	143°	-70°	259.1	74	Midrim Shear Zone - MSZ: 225.0-252.7 m; no significant results.
					TOTAL	1085.1	299	

6 Conclusions and Recommendations

No significant gold mineralization was encountered in the drill holes completed on the Moneta-Porcupine North and Parnor shear zones. The highlight of the drill program was the identification of an encouraging gold zone within the Midrim Shear Zone.

The MSZ is a strong tectonic feature focused along the contact between felsic to intermediate tuffs and an overlying dioritic to gabbroic sill. The shear zone averages some 20 m wide with very strong shearing and alteration at the contact with a gradual decrease in deformation and alteration towards the limits of the zone. The best gold mineralization occurs near the upper boundary of the MSZ well within the hanging wall diorite rather than adjacent to the contact where the shearing and alteration are the most intense.

The gold mineralization is linked to a weakly to moderately brecciated zone with moderate amounts of silica-carbonate-sericite alteration. The zone is distinctly sulphide rich. The pyrite concentration varies from 2 to 15% and occurs as fine-grained disseminations or thin veinlets lying parallel to the foliation. In holes where no significant gold mineralization was intersected there was also an absence of pyrite mineralization. Instead, disseminated magnetite, as in the case of hole VP95-57, or hematite alteration, as in the case of holes VP94-50 and VP94-59, was encountered. This suggests that the pyrite mineralization may have formed by alteration due to exposure of the magnetite to the same hydrothermal fluids that carried and deposited the gold. The hematite is also probably derived from alteration of the magnetite but may represent a different set of conditions not suitable for the development of pyrite or gold mineralization gold.

Another point related to the gold mineralization is demonstrated in hole VP95-58 where gold occurs in a narrow shear zone within the diorite that is well above and spatially distinct from the main MSZ. This zone, which contains 1.2 m of 1.9 g/t Au, may reflect a structure secondary and oblique to the main shear

zone that is genetically more important with respect to control of the pyrite and attendant gold mineralization. At this date however, there is too little data available to verify the existence of a secondary structure.

More work is required to test the Midnm Shear Zone. The factors that should guide this exploration are the relationship of the gold relative to the pyrite content and the possibility of a secondary, less obvious structure cross-cutting the principal, easily discernible MSZ. Before any more diamond drilling is planned, it is recommended that a detailed I.P. survey be done to identify concentrations of pyrite within the MSZ and that the extensive trenching and stripping be done to expose the MSZ and determine any structural or lithological features that may be relevant to the gold mineralization. It is further recommended that "Real Section I.P.", a method developed by Quantec Consulting Ltd. and used successfully in the exploration of a number of Archean gold-bearing shear zones (Appendix 5), be utilized. The approximate estimated cost of the recommended program is $38,000.00 (Appendix 6). The trenching would be done during the summer whereas the I.P. survey would be done during the winter.

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1992b: Induced Polarization Survey of Parnor Option - Property 16000, Verneuil
Boileau, P. and Turcotte, R.

Fekete, M.
1993a: Report of Diamond Drilling on Property 15000 and 16000, Freewest Resources Inc., Verneuil Project, Verneuil Township, Québec.

1993b: Report of Diamond Drilling on Property 15000 and 16000, Freewest Resources Inc., Verneuil Project, Verneuil Township, Québec.

1994: Report of Diamond Drilling on Properties 12000, 15000, 16000 and 19000, Freewest Resources Inc., Verneuil Project, Verneuil Township, Québec.

Fekete, M., Tremblay, R.J. and Hutteri, H.
1993: Report of Surface Work, Property 15000, 16000, 17000 and 12000, Freewest Resources Inc., Verneuil Project, Verneuil Township, Québec.

8 Certificates of Qualifications

I, **Robert J. Tremblay**, certify that:

I am resident of Val Senneville, Quebec residing at 197 Zephir, Box 67-6, J0Y 2P0;

I participated in the work described in this report as a contract geologist for Freewest Resources Canada Inc. of Montréal, Québec;

I have been continuously engaged in mining exploration since 1975;

I have graduated from the University of Ottawa with an Honours B. Sc. degree in Geology, with a specialization in structural geology, in 1975;

I have not received nor do I expect receive any interest whatsoever in any of the Verneuil Project properties held partly or wholly by Freewest Resources Canada Inc.

Respectfully submitted,

Robert J. Tremblay
March 21, 1995

I, **Mark Fekete**, of Val d'Or, Québec do hereby certify that:

As the Project Geologist, I supervized and participated in the work described in this report as an employee of Freewest Resources Canada Inc. of Montréal, Québec;

I am a qualified geologist with a Bachelor of Science degree obtained in May, 1986 from the University of British Columbia in Vancouver, B.C.;

I have been active in mineral exploration in various capacities since 1979 and as a geologist since 1986;

I am a Fellow of the Geological Association of Canada (F5454) and a Member of the Canadian Institute of Mining and Metallurgy.

Respectfully submitted,

Mark Fekete, F.G.A.C.
March 21, 1995

APPENDIX 1

List of Claims

GOG-CGK Option Claim Group, Property 15000

Claim	Area	DDH (m)
5073830	16.0	0
5073831	16.0	0
5073832	16.0	0
5073833	16.0	0
5073834	16.0	0
5073835	16.0	0
5073836	16.0	1627.7
5073837	16.0	0
5073838	16.0	0
5073839	16.0	0
5073840	16.0	0
5073841	16.0	0
5073842	16.0	0
5073843	16.0	0
5073844	16.0	95.5
5073845	16.0	0
5073846	16.0	0
5073847	16.0	0
5088284	16.0	0
5088285	16.0	0
5088286	16.0	0
5088287	8.0	0
5088300	16.0	0
5088301	16.0	0
5088302	16.0	0
5088303	16.0	0
5088304	16.0	0
5088305	16.0	0
5088306	16.0	0
5088307	16.0	0
5088308	8.0	0
5088735	16.0	0
5088736	16.0	0
5088737	16.0	0
5088738	16.0	0
5088739	16.0	0
5088740	16.0	0
5088741	16.0	0
5088742	16.0	0
5088743	16.0	0
5088744	16.0	0
5092084	16.0	0
5092085	16.0	111.2
5092086	2.0	0
Total		
44	674	1834.4

Parnor Option Claim Group, Property 16000

Claim	Area	DDH (m)
5105349	16.0	0
5105350	12.0	0
5105351	16.0	0
5105352	16.0	0
5105353	16.0	0
5105354	16.0	0
5105355	16.0	0
5105356	16.0	0
5105357	12.0	0
5105358	16.0	0
5105359	16.0	0
5105360	12.0	0
5105361	16.0	0
5105362	16.0	0
5105363	16.0	109.7
5105364	16.0	0
5105365	16.0	0
5105366	16.0	0
5105367	12.0	0
5105368	16.0	0
5105369	16.0	0
5105370	8.0	0
Totals: 22	328	109.7

APPENDIX 2

Diamond Drill Logs

PROPERTY:	Verneuil	**LINE:**	59+37E (Grid B)		**ORIENTATION DATA**			**CONTRACTOR:**	M. Lafrenière
PROJECT:	15000	**STATION:**	49+83S	**DEPTH:**	91.40 m	**DIP:**	-60°	**DATE:**	Oct. 31st to Nov. 1st 94
TOWNSHIP:	Verneuil	**LENGTH:**	201.17 meters		201.15 m		-59°	**CORE SIZE:**	NQ
PROVINCE:	Quebec	**AZIMUTH:**	148°					**GEOLOGIST:**	R.J. Tremblay
CLAIM:	5088736	**DIP COLLAR:**	-62°					**SIGNATURE:**	

INTERVAL FROM	-	TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	-	TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
0	-	14.90	***OVERBURDEN.***									
14.90	-	69.40	***DIORITE/GABBRO:*** Massive, coarse grained to finer grained and strongly foliated to sheared. - Dark to medium grey. - Weakly to strongly magnetic throughout. - Fresh texture in coarser grained portions; weak to moderate chlorite in foliated to sheared portions. - Foliation/schistosity at 50° to core axis.									
			21.65 - 21.95: Quartz vein. - Cuts fresh undisturbed coarse grained diorite. - Minor pyrite and trace black tourmaline.	9701	21.65	-	21.95	0.30	-			
			24.40 - 25.20: Sheared diorite with minor siliceous banding. - Chlorite rich. - Trace pyrite.	9702	24.40	-	25.20	0.80	20			
			28.00 - 28.40: Siliceous sulphide rich zone. - 3% to 5% pyrite, trace chalcopyrite and bornite; minor tourmaline.	9703	28.00	-	28.40	0.40	-			
			32.44 - 35.58: Moderately sheared gabbro with blue quartz cut by a mesocratic lamprophyre with sharp contacts from 32.65 to 33.95 meters.	9704	32.44	-	33.44	1.00	-			
			35.58 - 36.68: Silicified, sulphidized and tourmalinized zone. - Light grey, weakly foliated at variable angle. - 5% to 8% pyrite, 10% fine tourmaline and weak to moderate magnetite.	9705 9706	35.58 36.08	- -	36.08 36.58	0.50 0.50	400 1730	0.33 2.06		
			36.68 - 37.38: White quartz vein with trace pyrite.	9707	36.68	-	37.38	0.70	30	0.04		
			37.38 - 37.75: Same as 35.58 - 36.68 but strongly sheared at 45° to core axis; kink folding; 2% pyrite.	9708	37.38	-	37.75	0.37	5			

INTERVAL FROM - TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM - TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
	37.75 -38.75: Weakly sheared, carbonatized and silicified; fine grained with schistosity at 45° to core axis; moderate silica-carbonate veining at top, decreasing near lower boundary; lower contact gradual.	9709	37.75 - 38.75	1.00	-			
	Below 38.75 m diorite is well foliated at 45° to 50° to core axis; 5% to 10% fine magnetite.							
	43.00 - 43.35: Siliceous sulphide zone.	9710	43.00 - 43.35	0.35	530	0.89		
	44.70 - 45.25: Siliceous sulphide zone in upper 15 cm (5% pyrite); broken texture with a few large pyrite masses as fracture fillings in lower 40 cm, pyrite enrichment in lower 10 cm.	9711	44.70 - 45.25	0.55	70	0.10		
	46.75 - 47.05: Siliceous sulphide zone; 5% disseminated pyrite.	9712	46.75 - 47.05	0.30	5			
	47.05 - 47.90: Felsic tuff xenoliths; sharp upper and lower contacts at 45° to 50° to core axis.							
	48.75 - 49.45: Same as above.	9713	48.75 - 49.45	0.70	-			
	49.75 - 52.80: Moderately sheared fine grained diorite, 1% to 2% pyrite with intermittent mm-wide silica sills, some with pyrite.	9714	49.75 - 50.75	1.00	5			
		9715	50.75 - 51.75	1.00	-			
		9716	51.75 - 52.80	1.05	-			
	52.80 - 59.35: Medium to coarse grained gabbro, mostly massive.							
	55.60 - 56.00: Tourmaline-pyrite rich interval.	9717	55.60 - 56.00	0.40	-			
	59.35 - 69.40: MIDRIM SHEAR ZONE							
	Shear zone with several dm-wide siliceous intervals.	9718	59.35 - 60.35	1.00	-			
	59.35 - 62.80: Non magnetic; much paler shade.	9719	60.35 - 61.35	1.00	-			
	62.80 - 63.50: More siliceous with 5% to 7% disseminated pyrite.	9720	61.35 - 62.35	1.00	-	0.02		
	63.50 - 63.80: Mesocratic lamprophyre.	9721	62.35 - 62.80	0.45	500	0.65		
	63.80 - 64.40: More siliceous with 5% to 7% disseminated pyrite.	9722	62.80 - 63.50	0.70	5660	5.93		
	64.80 - 69.40: Shearing progressively stronger with well developed silicate-carbonate banding in a darker chlorite-sericite matrix, strong schistosity at 50°; fissile; trace pyrite and 3% to 5% disseminated fine magnetite.	9562	63.50 - 63.80	0.30	-	0.04		
		9723	63.80 - 64.80	1.00	7260	8.50		
		9724	64.80 - 65.40	0.60	30	0.14		
		9563	65.40 - 65.80	0.40	-	0.13		
	68.80 - 69.40: Strongest shearing and silica at lower contact; kink folding.	9725	65.80 - 66.80	1.00	5			
		9726	66.80 - 67.80	1.00	10			
		9727	67.80 - 68.80	1.00	-			
		9728	68.80 - 69.40	0.60	30			

INTERVAL FROM	-	TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	-	TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
69.40	-	83.00	***FELSIC TO INTERMEDIATE TUFFS***									
			69.40 - 80.20: MIDRIM SHEAR ZONE									
			Moderate to strong shearing; non magnetic; light grey color; well developed siliceous-carbonate banding; weak to moderate fissile at 50° to 60° to core axis.									
			69.40 - 70.50: 1% to 2% fine disseminated pyrite.	9729	69.40	-	70.50	1.10	-			
			70.50 - 70.80: Siliceous intrusive, massive, fine grained; barren.									
			70.80 - 71.45: Schist with 1% to 2% fine disseminated pyrite.	9730	70.80	-	71.45	0.65	-			
			71.45 - 71.75: Siliceous intrusive, massive, fine grained; barren.									
			71.75 - 72.80: Schist with 1% to 2% fine disseminated pyrite.	9731	71.75	-	72.80	1.05	-			
			72.80 - 73.80: Shearing intensity increasing; 1% to 2% pyrite.	9732	72.80	-	73.80	1.00	-			
			73.80 - 74.90: Same as above, 5% to 10% pyrite in disseminations or in siliceous bands.	9733	73.80	-	74.90	1.10	10			
			74.90 - 76.30: Mostly quartz-dolomite (ankerite?).	9734	74.90	-	75.40	0.50	-			
			- Folding, 50% silica-carbonate, sericitic; 2% to 3% tourmaline and trace pyrite.	9735	75.40	-	75.90	0.50	-			
				9736	75.90	-	76.30	0.40	-			
				9737	76.30	-	77.30	1.00	-			
				9738	77.30	-	78.30	1.00	-			
				9739	78.30	-	79.20	0.90	-			
			79.20 - 80.20: Stronger quartz-carbonate veining; folding.	9740	79.20	-	80.20	1.00	-			
				9741	80.20	-	81.20	1.00	-			
			80.20 - 83.00: Weak shearing; progressively weaker towards 83.00 meters.	9742	81.20	-	82.20	1.00	-			
				9743	82.20	-	83.00	0.80	-			
83.00	-	152.60	***INTERMEDIATE FLOWS, INTRUSIVES AND PYROCLASTICS.***									
			- Dacite, porphyritic dacite and tuffs, diorite.	9744	92.40	-	93.40	1.00	-			
			- Medium to light grey; mostly non magnetic.	9745	93.40	-	94.40	1.00	-			
			- Mostly fine grained and foliated in the flow portions, much finer grained and schistose in the tuff portions.	9746	94.40	-	95.30	0.90	-			
			- Some of the schist portions may represent sheared dacite.	9747	119.85	-	120.35	0.50	-			
			- Several narrow intervals are coarser grained and dioritic but no clear contacts can be identified.	9748	125.55	-	126.55	1.00	-			
			- Only the schistose portions have been sampled and appear to the right.									

INTERVAL FROM	-	TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	-	TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
			135.25 - 135.40: Quartz veining.	9749	135.00	-	135.40	0.40	-			
			136.40 - 136.70: Quartz veining.	9750	136.40	-	136.70	0.30	10			
152.60	-	162.80	***FELSIC TO INTERMEDIATE TUFFS.***	9751	156.00	-	157.00	1.00	-			
				9752	157.00	-	158.00	1.00	-			
			- Weak to moderately sheared in certain intervals from 156.00 meters; weak silica-sericite-carbonate alteration.	9753	158.00	-	159.00	1.00	-			
				9754	159.00	-	160.00	1.00	80			
			- Medium grey; well bedded; moderately fractured from 157.50 to 158.5 meters with 20 cm of core loss.	9755	160.00	-	161.00	1.00	10			
				9756	161.00	-	162.00	1.00	40			
			- Sharp upper and lower contacts.	9757	162.00	-	162.80	0.80	70			
162.80	-	170.45	***DACITE.***									
			- Massive to weakly foliated at 50° to core axis.									
			- Medium grey, weakly altered; very few quartz veinlets.									
			- Sharp upper contact at 50° to core axis, lower contact at 40° to core axis.									
170.45	-	193.40	***LAPILLI, CRYSTAL AND CHERTY TUFFS.***									
			- Light to medium grey.									
			- Well bedded at about 40° to core axis in upper half and 30° in lower half.									
			- Occasional 2.5 cm zones of pyrite/pyrrhotite enrichment; chalcopyrite at 173.80 meters.	9758	173.40	-	174.40	1.00	110			
				9759	174.40	-	175.40	1.00	-			
				9760	175.40	-	176.80	1.00	-			
			176.40 - 176.80: Much quartz veining, trace pyrite.	9761	176.40	-	176.80	0.40	-			
				9762	178.60	-	179.50	0.90	270	0.30		
			183.85 - 184.55: Narrow (<2 cm) quartz veins and sills with pyrite/pyrrhotite.	9763	183.85	-	184.55	0.70	-	0.02		
			191.80 - 192.25: Many narrow quartz sills with fine pyrite/pyrrhotite/chalcopyrite; sharp lower contact at 50° to core axis.	9764	191.80	-	192.25	0.45	1560	2.14		

INTERVAL FROM - TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM - TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
193.40 - 201.17	***DIORITE.*** - Medium grey-green, homogeneous, massive to weakly foliated; fine to medium grained; non magnetic. - Only weakly altered, pervasive calcite and chlorite.							
201.17	***END OF HOLE.*** No significant core loss.							

PROPERTY:	Verneuil	**LINE:**	60+35E (Grid B)	**ORIENTATION DATA**		**CONTRACTOR:**	M. Lafrenière
PROJECT:	15000	**STATION:**	49+90S	**DEPTH:** 152.4 m	**DIP:** -46°	**DATE:**	November 2nd 1994
TOWNSHIP:	Verneuil	**LENGTH:**	152.4 meters			**CORE SIZE:**	NQ
PROVINCE:	Quebec	**AZIMUTH:**	145°			**GEOLOGIST:**	R.J. Tremblay
CLAIM:	5088736	**DIP COLLAR:**	-46°			**SIGNATURE:**	

INTERVAL FROM	- TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	- TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
0	- 10.05	***OVERBURDEN.***								
10.05	- 57.00	***GABBRO/DIORITE.***								
		- Medium to dark greenish grey. - Massive coarse grained diorite to weakly foliated fine to medium grained diorite and gabbro; foliation at 65° to 70° to core axis with a few va-riations to 55°. - Mostly weak chlorite/calcite alteration throughout. - Coarse grained phase strongly magnetic, fine grained phase weakly to non magnetic.								
		12.20 - 13.20: Minor quartz veining, scattered pyrite and pervasive weak to moderate tourmaline.	9765	12.20	- 13.20	1.00	-			
		15.90 - 16.50: Weakly sheared with narrow intermittent silica.	9766	15.90	- 16.50	0.60	-			
		27.75 - 30.50: Siliceous veining in coarse grained diorite, broken texture with veining along fractures, with pyrite and minor tourmaline.	9767	27.75	- 28.75	1.00	20			
			9768	28.75	- 29.75	1.00	-			
			9769	29.75	- 30.50	0.75	-			
		42.70 - 45.00: Cherty tuff xenolith, weakly sheared.								
		44.30 - 44.60: Siliceous veining.	9770	44.30	- 45.00	0.70	20			
		44.90 - 45.00: Siliceous veining.	9566	45.00	- 46.00	1.00	5			
			9567	46.00	- 47.00	1.00	180			
			9568	47.00	- 48.00	1.00	-			
			9569	48.00	- 49.00	1.00	570			
			9570	49.00	- 50.00	1.00	10			
		50.00 - 53.00: Progressively stronger shearing approaching the strong shear zone below; trace pyrite; siliceous banding in lower 40 cm.	9771	50.00	- 51.00	1.00	180	0.25		
			9772	51.00	- 52.00	1.00	260	0.31		
			9773	52.00	- 53.00	1.00	-			

INTERVAL FROM	- TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	- TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
		53.00 - 57.00: MIDRIM SHEAR ZONE								
		Strong shear, mylonitic. Very well developed mm-thick siliceous carbonate banding and pervasive hematization; 20% chlorite, color alternates between dark green and red-pink.								
		53.00 - 54.00: Mylonitic banding at 60° to 80° to core axis. Much folding and later faulting with resulting kink folding at 50° to core axis. Trace pyrite (<1%) throughout.	9774	53.00	- 54.00	1.00	-			
			9775	54.00	- 55.00	1.00	-			
			9776	55.00	- 56.00	1.00	20			
		56.00 - 57.00: Much open folding.	9777	56.00	- 57.00	1.00	-			
57.00	- 146.5	***ASH, CRYSTAL AND CHERTY TUFFS.***								
		57.00 - 69.00: MIDRIM SHEAR ZONE								
		Strong shear zone, mylonitic in upper zone, progressively decreasing towards the lower boundary of the fault zone.	9778	57.00	- 58.00	1.00	-			
			9779	58.00	- 59.00	1.00	-			
			9780	59.00	- 60.00	1.00	-			
		57.00 - 59.00: Well banded with mm-thick quartz-carbonate lamellae interbedded with more chloritic material; overall color medium grey; sericitic.	9781	60.00	- 61.00	1.00	-			
			9782	61.00	- 62.00	1.00	-			
		- Trace pyrite throughout except from 59.70 to 61.00 meters where fine pyrite beds recur throughout.	9783	62.00	- 63.00	1.00	-			
			9784	63.00	- 64.00	1.00	-			
		- Several such 2 cm pyrite beds from 63.60 to 64.00 meters.	9785	64.00	- 65.00	1.00	-			
			9786	65.00	- 66.00	1.00	-			
			9787	66.00	- 67.00	1.00	-			
			9788	67.00	- 68.00	1.00	-			
			9789	68.00	- 69.00	1.00	-			
		69.00 - 100.00: Weakly sheared with several intervals of stronger shearing.	9790	80.00	- 80.60	0.60	-			
		73.00 - 73.60: Mesocratic lamprohyre.								
		- Schistosity at 70° to 80° to core axis in lower portion of fault zone.								
		80.00 - 80.60: Quartz veining with minor tourmaline and trace pyrite.								
		82.00 - 100.00: Bedding varies from 45° to 60° averaging about 55°.								
		97.60 - 99.20: Well sheared, siliceous/sericitic (sphalerite?).	9560	97.60	- 98.20	0.60	-			
			9561	98.20	- 99.20	1.00	-			
		100.00 - 110.00: Agglomerate. Rounded to flattened fragments up to an estimated 20 to 25 cm in long axis; these are heterogeneous and mostly felsic; in a more chloritic matrix; they lie at about 60° to 65° to core axis.								
		105.00 - 107.70: The matrix of the agglomerate is particularly sulphide rich both as disseminations and in fine veinlets; mostly pyrite, some pyrrhotite and trace chalcopyrite.	9791	105.00	- 106.00	1.00	-			
			9792	106.00	- 107.00	1.00	-			
			9793	107.00	- 107.70	0.70	-			

INTERVAL FROM	- TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	- TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
		110.00 - 146.50: Ash and lapilli tuff, medium to light grey; weakly to well laminated at 65° to 70° to core axis.								
		118.85 - 126.70: Weakly sheared, silicified and carbonated, little veining with minor tourmaline and trace pyrite.	9794	118.85	- 119.85	1.00	-			
			9795	119.85	- 120.85	1.00	-			
			9796	120.85	- 121.85	1.00	-			
			9797	123.70	- 124.70	1.00	-			
			9798	124.70	- 125.70	1.00	-			
			9799	125.70	- 126.70	1.00	-			
		137.50 - 138.00: Same as above.	9800	137.5	- 138.00	0.50	-			
		142.00 - 146.00: Same as above.	9801	142.00	- 143.00	1.00	-			
			9802	143.00	- 144.00	1.00	-			
			9803	144.00	- 145.00	1.00	-			
			9804	145.00	- 146.00	1.00	-			
			9805	146.00	- 146.50	0.50	-			
146.50	- 152.40	***DIORITE (possibly dacite).***								
		- Medium to fine grained; weakly porphyritic in places. - Monotonous unit; weak chlorite-carbonate alteration.								
146.50		***END OF HOLE.*** No significant core loss.								

FREEWEST RESOURCES INC. **DIAMOND DRILL LOG** **HOLE: VP-94-51**

PROPERTY:	Verneuil	**LINE:**	56+70E (Grid B)	**ORIENTATION DATA**		**CONTRACTOR:**	M. Lafrenière
PROJECT:	15000	**STATION:**	45+42S	**DEPTH:**	94.50 m	**DIP:** -43°	**DATE:** November 3rd 1994
TOWNSHIP:	Verneuil	**LENGTH:**	95.50 meters				**CORE SIZE:** NQ
PROVINCE:	Quebec	**AZIMUTH:**	145°				**GEOLOGIST:** R.J. Tremblay
CLAIM:	5088744	**DIP COLLAR:**	-43°				**SIGNATURE:**

INTERVAL FROM	-	TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	-	TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
0	-	3.05	***OVERBURDEN.***									
3.05	-	94.50	***FELSIC PYROCLASTICS - ASH, CRYSTAL AND CHERTY TUFFS.***									
			- Light to medium grey, darker shade in graphitic portions. - Relatively fresh to weakly altered except in the intervals sampled where alteration (carbonate-sericite-silica) is moderately developed. - Schistosity is very well developed and lies at 60° to 70° to core axis. - Bedding is mostly obliterated by schistosity but is variable and clearly cross-cut by schistosity at regular intervals; best example in open fold nose at 26.2 m. - Areas sampled represent zones of deformation. - Pervasive pyrite-pyrrhotite as disseminations and remobilized in veinlets.	9806	10.50	-	11.10	0.60	-			
				9807	11.10	-	11.65	0.55	50	0.14		
				9808	11.65	-	12.20	0.55	-	0.05		
				9809	14.25	-	15.25	1.00	170	0.26		
				9810	19.00	-	20.00	1.00	10	0.13		
				9811	20.00	-	21.00	1.00	-	0.04		
			21.00 - 40.00: Intermittent moderate shearing; silica and sericite; isoclinal folding along foliation axis; pyrite-pyrrhotite.	9812	21.00	-	22.00	1.00	5	0.03		
				9813	22.00	-	23.00	1.00	780	8.95		
				9814	38.00	-	39.00	1.00	730	0.89		
				9815	39.00	-	40.00	1.00	1000	1.23		
			46.00 - 46.80: Graphitic, sulphide rich (pyrite-pyrrhotite), sheared.	9825	46.00	-	46.80	0.80	30			
				9816	48.25	-	49.25	1.00	5			
				9817	49.25	-	50.25	1.00	-			
			50.25 - 51.25: Graphitic, sulphide rich (pyrite-pyrrhotite), sheared.	9818	50.25	-	51.25	1.00	30			
			58.30 - 60.90: Diorite, massive, dark green.	9819	63.00	-	64.00	1.00	30			
				9820	64.10	-	65.10	1.00	-			
				9821	65.10	-	66.10	1.00	-			
			66.10 - 66.95: Folding, siliceous mylonite, trace pyrite.	9822	66.10	-	66.95	0.85	-			
				9823	66.95	-	67.75	0.80	-			

INTERVAL FROM - TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM - TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
	- Note the presence of sub-horizontal fractures filled with quartz-calcite-pyrite.	9824	70.00 - 71.00	1.00	10			
	72.65 - 72.95: Quartz vein with tourmaline and trace pyrite.	9826	72.65 - 72.95	0.30	-	0.01		
		9827	85.10 - 85.60	0.50	490	0.61		
		9828	89.10 - 90.10	1.00	-	0.01		
		9829	90.50 - 91.50	1.00	-			
95.50	*END OF HOLE. No significant core loss.*							

FREEWEST RESOURCES INC. **DIAMOND DRILL LOG** **HOLE: VP-94-52A**

PROPERTY:	Verneuil	**LINE:**	9+30W (Grid B)	**ORIENTATION DATA**		**CONTRACTOR:**	M. Lafrenière
PROJECT:	15000	**STATION:**	0+35N	**DEPTH:** 0 m	**DIP:** -55°	**DATE:**	November 9th 1994
TOWNSHIP:	Verneuil	**LENGTH:**	19.80 meters			**CORE SIZE:**	NQ
PROVINCE:	Quebec	**AZIMUTH:**	150°			**GEOLOGIST:**	R.J. Tremblay
CLAIM:	5092085	**DIP COLLAR:**	-55°			**SIGNATURE:**	

INTERVAL FROM	-	TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	-	TO	LENGTH (meters)	ANALYSIS Au/ppb	Ag/ppb	Cu/ppm	Ni/ppm
0	-	15.80	***OVERBURDEN.***									
15.80	-	19.80	***FELSIC TUFFS - LAPILLI, ASH AND CHERTY.***									
			- Medium to light grey.									
			- Weak to moderate dolomitization (ankerite?) throughout.									
			- Weak sericite and silica; trace pyrite.	9830	15.80	-	16.80	1.00	-			
			- 16.80 - 17.80: Strong fracturing, 40 cm of lost core.	9831	16.80	-	17.80	1.00	-			
			- Weakly sheared at 50° to 60° to core axis; folding (S2) at 30° to core axis at 19.4 meters.	9832	17.80	-	18.80	1.00	-			
				9833	18.80	-	19.80	1.00	10			
19.80			***END OF HOLE (hole abandoned).***									

PROPERTY:	Verneuil	**LINE:**	9+30W (Grid B)	**ORIENTATION DATA**		**CONTRACTOR:**	M. Lafrenière.
PROJECT:	15000	**STATION:**	0+37.5N	**DEPTH:** 91.4 m	**DIP:** -52°	**DATE:**	November 9th & 10th 1994
TOWNSHIP:	Verneuil	**LENGTH:**	91.4 meters			**CORE SIZE:**	NQ
PROVINCE:	Quebec	**AZIMUTH:**	150°			**GEOLOGIST:**	R.J. Tremblay
CLAIM:	5092085	**DIP COLLAR:**	-56°			**SIGNATURE:**	

INTERVAL FROM	-	TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	-	TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
0	-	15.24	***OVERBURDEN.***									
15.24	-	91.40	***FELSIC TO INTERMEDIATE LAPILLI-CHERTY TUFFS.*** - Light to medium grey. - Well foliated-laminated: 15.20 - 32.00: 50° to core axis, 32.00 - 38.00: 40° to core axis, 38.00 - 55.00: 50° to core axis.									
			15.20 -15.70: Grey to pinkish grey quartz vein with fine tourmaline-pyrite veinlets.	9834	15.20	-	15.70	0.50	-			
			15.70 - 16.70: Weakly sheared, siliceous-sericitic, ankerite (light pinkish brown alteration).	9835	15.70	-	16.70	1.00	-			
			16.70 - 17.70: Same as above, but less alteration; moderate fracturing.	9836	16.70	-	17.70	1.00	-			
			17.70 - 18.70: Again weak alteration; few 0.5 to 2 cm siliceous sills.	9837	17.70	-	18.70	1.00	-			
			18.70 - 19.70: Same as above.	9838	18.70	-	19.70	1.00	-			
			19.70 - 20.70: 20 cm of lost core, moderate fracturing; weak alteration.	9839	19.70	-	20.70	1.00	-			
			20.70 - 21.70: 15 cm of lost core, moderate fracturing; weak alteration.	9840	20.70	-	21.70	1.00	-			
			21.70 - 22.70: Stronger carbonate-silica sills; moderate shearing, sericite.	9841	21.70	-	22.70	1.00	-			
			22.70 - 23.70: Moderate shearing, sericite-silica; 35 cm of lost core; trace tourmaline.	9842	22.70	-	23.70	1.00	20			
			23.70 - 24.25: Weak shearing, siliceous banding over 5 cm.	9843	23.70	-	24.25	0.55	20			
			24.25 - 24.90: Strong shearing, silica-carbonate-sericite banding; fissile.	9844	24.25	-	24.90	0.65	20			

INTERVAL FROM - TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM - TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
	24.90 - 25.90: Weak shearing and alteration.	9845	24.90 - 25.90	1.00	10			
	25.90 - 26.90: Two zones of heavy crushing; well sheared over intermittent levels. - This 1.0 meter interval holds 1.3 meter of core (marker discrepancy).	9846	25.90 - 26.90	1.00	-			
	26.90 - 27.90: Weak shearing.	9847	26.90 - 27.90	1.00	20			
	27.90 - 28.90: Moderate shearing, silica-carbonate-sericite.	9848	27.90 - 28.90	1.00	20	0.01		
	28.90 - 29.90: Weak shearing, silica-carbonate-sericite.	9849	28.90 - 29.90	1.00	740	0.75		
	29.90 - 30.40: Moderate shearing.	9850	29.90 - 30.40	0.50	1230	1.37		
	31.35 - 32.35: Moderate shearing, brecciation with quartz-tourmaline veining.	9851	31.35 - 32.35	1.00	230	0.29		
	35.00 - 35.80: Weak shearing and alteration.	9852	35.00 - 35.80	0.80	-	0.02		
	35.80 - 36.60: Weak to moderate shearing and alteration.	9853	35.80 - 36.60	0.80	-			
	38.00 - 38.75: Weak shearing and alteration; moderate fracturing; quartz-dolomite veining throughout with minor tourmaline and trace pyrite.	9854	38.00 - 38.75	0.75	-			
	42.70 - 46.15: **Diorite.** - Greenish-grey, mostly massive, fine to medium grained. - Non magnetic. - Interrupted by intervals of sheared diorite and felsic tuff.							
	43.70 - 44.10: Weakly sheared and altered.	9855	43.70 - 44.10	0.40	-			
	44.10 - 44.65: Moderately sheared and altered, 15 cm white quartz vein; moderate silica-carbonate-sericite banding; weak hematite stain; magnetic.	9856	44.10 - 44.65	0.55	-			
	44.65 - 45.15: Siliceous dyke with 10% chlorite phenocrysts.	9857	44.65 - 45.15	0.40	-			
	45.15 - 45.70: Sheared tuff, weak siliceous carbonate-sericite banding; weak hematite; moderately magnetic.	9858	45.15 - 45.70	0.55	-			
	46.40 - 47.10: Cherty tuff with two 15 cm intervals of shearing, siliceous carbonate-sericite banding; weak folding; trace pyrite.	9859	46.40 - 47.15	0.75	-			
	49.50 - 49.60: Same as above; magnetic.							
	49.80 - 50.10: Weakly foliated diorite, 1% to 2% pyrite.							
	50.10 - 50.25: Same as interval from 49.50 to 49.60 m.							
	51.00 - 51.80: Siliceous dyke with 10% chlorite phenocrysts.							

INTERVAL FROM - TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM - TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
	51.80 - 52.30: Sheared felsic tuff, highly fractured; moderate siliceous carbonate-sericite banding in upper half.	9860	51.80 - 52.30	0.50	-			
	59.00 - 60.00: Cherty tuff, dolomitized.	9861	59.00 - 60.00	1.00	-			
	63.10 - 90.50: Weakly to moderately magnetic.	9862	62.90 - 63.60	0.50	-			
	63.60 - 64.60: Light shearing, chloritic and sulphide rich in lower 30 cm.	9863	63.60 - 64.60	1.00	-			
	64.60 - 65.60: Same as above, schistosity at 55° to core axis.	9864	64.60 - 65.60	1.00	-			
		9865	65.60 - 66.60	1.00	-			
	66.60 - 67.10: Moderate shear; 5% to 8% disseminated pyrite-pyrrhotite and a 1.5 cm quartz vein.	9866	66.60 - 67.10	0.50	-			
	67.10 - 68.10: Weak shearing, moderate in lower 25 cm, sericitic-chloritic-siliceous.	9867	67.10 - 68.10	1.00	-			
	68.10 - 69.10: Moderate shear; sericite-silica, trace pyrite.	9868	68.10 - 69.10	1.00	-			
	69.10 - 70.10: Moderate shear; good silica-carbonate banding at 50° to core axis, trace pyrite-pyrrhotite.	9869	69.10 - 70.10	1.00	-			
	70.10 - 71.10: Same as above, more pyrite-pyrrhotite in mm-wide siliceous bands.	9870	70.10 - 71.10	1.00	-			
	71.10 - 71.10: Same as above, more (1% to 5%) pyrite-pyrrhotite; chloritic; foliated at 45° to core axis.	9871	71.10 - 72.10	1.00	-			
	72.10 - 72.50: Same as interval from 70.10 to 71.10 meters.	9872	72.10 - 72.50	0.40	10			
	72.50 - 73.10: Same as above, slightly less pyrite-pyrrhotite (1% to 3% overall).	9873	72.50 - 73.10	0.60	-			
	73.10 - 74.10: Moderate shear; good silica-carbonate bands, 1% to 3% pyrite-pyrrhotite; chloritic.	9874	73.10 - 74.10	1.00	-			
	74.10 - 75.10: Same as above, pyrite-pyrrhotite increases in lower half.	9875	74.10 - 75.10	1.00	10			
	75.10 - 76.10: Weak shear, weak chlorite; variable (1% to 5%) pyrite-pyrrhotite.	9876	75.10 - 76.10	1.00	60			
	76.10 - 77.10: Very weak shearing.	9877	76.10 - 77.10	1.00	-			
	77.10 - 78.10: Same as above.	9878	77.10 - 78.10	1.00	-			

INTERVAL FROM - TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM - TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
	78.10 - 79.10: Moderate shearing; siliceous carbonate banding at 40° to core axis; 1% to 5% pyrite-pyrrhotite.	9879	78.10 - 79.10	1.00	-			
	79.10 - 80.10: Weak shearing.	9880	79.10 - 80.10	1.00	-			
	80.10 - 81.10: Same as above.	9881	80.10 - 81.10	1.00	-			
	81.10 - 82.10: Weak shearing, very little sulphides (≈1%).	9882	81.10 - 82.10	1.00	-			
	82.10 - 83.10: Same as above.	9883	82.10 - 83.10	1.00	-			
	83.10 - 84.10: Same as above.	9884	83.10 - 84.10	1.00	-			
	84.10 - 85.10: Same as above.	9885	84.10 - 85.10	1.00	-			
	85.10 - 86.00: Weak to moderate shear; chloritic; 1% pyrite-pyrrhotite.	9886	85.10 - 86.00	0.90	-			
	86.00 - 86.80: Weak to moderate shear; chloritic; up to 3% to 5% pervasive pyrite-pyrrhotite.	9887	86.00 - 86.80	0.80	-			
	88.80 - 89.80: Same as above; foliated at 50° to core axis.	9888	88.80 - 89.80	1.00	-			
	89.80 - 90.80: Same as above.	9889	89.80 - 90.80	1.00	-			
91.40	***END OF HOLE.***							

PROPERTY:	Verneuil	**LINE:**	12+19W (Grid B)	**ORIENTATION DATA**		**CONTRACTOR:**	M. Lafrenière
PROJECT:	16000	**STATION:**	0+52S	**DEPTH:**	109.70 m	**DIP:** -47°	**DATE:** November 10th 1994
TOWNSHIP:	Verneuil	**LENGTH:**	109.70 meters				**CORE SIZE:** NQ
PROVINCE:	Quebec	**AZIMUTH:**	150°				**GEOLOGIST:** R.J. Tremblay
CLAIM:	5105363	**DIP COLLAR:**	-50°				**SIGNATURE:**

INTERVAL FROM	INTERVAL TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	INTERVAL TO	LENGTH (meters)	ANALYSIS Au/ppb	Ag/ppb	Cu/ppm	Ni/ppm
0	8.20	***OVERBURDEN.***								
8.20	82.80	***LAPILLI AND ASH TUFF.***								
		- Medium to light grey; fine to medium grained. - Moderately laminated in the finer grained portions; contains fragments usually less than 1 cm in long axis. - Very weakly magnetic from 50.00 to 82.80 meters. - Pervasive weak carbonate and sericite increasing below 52.00 meters, the upper limit of the fault zone. - Schistosity is moderately developed at 55° to core axis from 8.90 to 52.00 meters and very well developed below 52.00 meters, also at 55°.								
		9.00 - 9.70: Intermittent moderate limonite alteration; moderate fracturing.	9890	9.00	9.70	0.70	10			
		18.00 - 18.80: Weak limonite, weaK silica-carbonate veining.	9891	18.00	18.80	0.80	100			
		18.80 - 20.10: Same as above.	9892	18.80	20.10	1.30	-			
		20.10 - 21.10: Moderate silica-carbonate veining.	9893	20.10	21.10	1.00	-			
		39.95 - 40.45: Moderate limonite and fracturing.	9894	39.95	40.45	0.50	-			
		41.10 - 42.10: Same as above, weak alteration and fracturing.	9895	41.10	42.10	1.00	-			
		47.00 - 54.00: Progressively stronger shearing, increasing silica-carbonate-sericite and schistosity; occasional pyrite-pyrrhotite veinlets.	9896	47.00	48.00	1.00	10			
			9897	48.00	49.00	1.00	20			
			9898	49.00	50.00	1.00	10			
			9899	50.00	51.00	1.00	90			
			9900	51.00	52.00	1.00	-			
			9901	52.00	53.00	1.00	-			
			9902	53.00	54.00	1.00	-			

INTERVAL FROM - TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM - TO	LENGTH (meters)	ANALYSIS Au/ppb	Ag/ppb	Cu/ppm	Ni/ppm
	54.00 - 61.00: **FAULT** - Moderate to strong shearing, slightly darker color likely due to weak amounts of graphite along with the chlorite.	9903	54.00 - 55.00	1.00	40			
	54.00 - 55.50: Moderate quartz-carbonate veining with minor pyrite.	9904	55.00 - 56.00	1.00	140			
		9905	56.00 - 57.00	1.00	-			
		9906	57.00 - 58.00	1.00	-			
		9907	58.00 - 59.00	1.00	-			
		9908	59.00 - 60.00	1.00	-			
		9909	60.00 - 61.00	1.00	-			
	65.60 - 68.60: Foliated gabbro.							
	67.60 - 68.60: Hanging wall of shear zone described below.	9910	67.60 - 68.60	1.00	-			
	68.60 - 72.40: **FAULT** - Moderate to strong shearing in felsic tuff.							
	68.60 - 69.10: Strong silica-carbonate alteration, moderate sericite; 3% very fine grained pyrite.	9911	68.60 - 69.10	0.50	150			
	69.10 - 69.60: Same as above, very little pyrite.	9912	69.10 - 69.60	0.50	30			
	69.60 - 70.90: Moderate silica-carbonate-sericite alteration.	9913	69.60 - 70.90	1.30	-			
	70.90 - 71.40: Strong silica-carbonate-sericite alteration; 1% to 5% very fine grained pyrite.	9914	70.90 - 71.40	0.50	270			
	71.40 - 72.40: Moderate silica-carbonate-sericite alteration; trace pyrite.	9915	71.40 - 72.40	1.00	160			
	72.40 - 82.80: Crystal tuff. - Medium greenish grey. - Medium grained; weak carbonate-sericite. - Well developed pervasive foliation at 55° to 60° to core axis. - 10% chlorite evenly distributed as smears along foliation surfaces; in the field, this rock type was also called chlorite rich dacite.							
	72.40 - 72.95: Well foliated.	9916	72.40 - 72.95	0.55	20			
	72.95 - 73.20: Moderate shearing, silica-carbonate-sericite.	9917	72.95 - 73.20	0.25	10			
	73.20 - 74.20: Well foliated.	9918	73.20 - 74.20	1.00	-			
	77.30 - 78.65: Quartz veining and pervasive reddish (hematite) staining.							
	77.30 - 78.10: Weak veining and alteration.	9919	77.30 - 78.10	0.80	10			
	78.10 - 78.65: Weak quartz-carbonate veining and alteration, trace pyrite.	9920	78.10 - 78.65	0.55	70			
	81.20 - 82.80: Felsic tuff, weakly sheared and altered.	9921	81.20 - 82.20	1.00	-			
		9922	82.20 - 82.80	0.60	-			
82.80 - 95.20	***GABBRO.***							
	- Dark greenish grey with paler intervals of stronger carbonate alteration; mostly fine grained.	9571	82.80 - 83.80	1.00	-			
		9572	83.80 - 84.40	1.00	-			
	- Weak foliation at 55° to core axis.							
	- Pervasive weak to moderate carbonate and chlorite.							
	- Contains several dm long intermediate tuff xenoliths.							

INTERVAL FROM	- TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	- TO	LENGTH (meters)	ANALYSIS Au/ppb	Ag/ppb	Cu/ppm	Ni/ppm
		83.30: 25 cm siliceous shear zone.								
		88.50: A 1 cm thick vein cuts the foliation at right angles.								
		94.40 - 95.20: Weak silica-carbonate veining.	9923	94.40	- 95.20	0.80	-			
95.20	- 109.70	***FELSIC TUFF.***	9573	95.20	- 95.80	0.60	-			
		95.80 - 96.80: Weakly sheared, 15 cm siliceous zones with 1% to 3% pyrite at upper and lower boundaries; weak silica-carbonate-sericite-chlorite alteration.	9924	95.80	- 96.80	1.00	310			
		96.80 - 97.80: Weak silica-carbonate-sericite-chlorite alteration.	9925	96.80	- 97.80	1.00	-			
		SHEAR ZONE								
		97.80 - 99.30: Silica-hematite alteration zone. - Distinctive reddish color. - Very fine grained. - Foliated at 50° to core axis. - Moderate to strong silicification.								
		97.80 - 98.40: Strong silica-hematite alteration; weak quartz veining and pyrite in upper 15 cm.	9926	97.80	- 98.40	0.60	10			
		98.40 - 98.80: Weak silica, no hematite, moderate sericite and carbonate.	9927	98.40	- 98.80	0.40	-			
		98.80 - 99.30: Weak silica, moderate hematite-sericite-carbonate; 10 cm magnetite enrichment at center.	9928	98.80	- 99.30	0.50	-			
		99.30 - 109.70: Weakly sheared. - Weak sericite alteration. - Moderately fractured; intermittent strong fracturing from 100.60 to 103.60 meters, 40 to 50 cm of lost core. - Weak pervasive sericite alteration, weak local silica-carbonate alteration and veining. - Up to 5% pyrite over 5 to 10 cm intervals. - Well bedded/foliated at 55° to 65° to core axis.	9929 9930 9931 9932 9933 9934 9935 9936 9937 9938	99.30 100.30 101.30 102.30 103.30 104.30 105.30 106.30 107.30 108.30	- 100.30 - 101.30 - 102.30 - 103.30 - 104.30 - 105.30 - 106.30 - 107.30 - 108.30 - 109.30	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	- - - 10 20 20 - - - -			
109.70		***END OF HOLE.***								

FREEWEST RESOURCES INC. **DIAMOND DRILL LOG** **HOLE: VP-94-54A**

PROPERTY:	Verneuil	**LINE:**	59+50E (Grid B)	**ORIENTATION DATA**		**CONTRACTOR:**	M. Lafrenière
PROJECT:	15000	**STATION:**	49+34S	**DEPTH:** 0	**DIP:** -60°	**DATE:**	November 11th 1994
TOWNSHIP:	Verneuil	**LENGTH:**	45.70 meters			**CORE SIZE:**	NQ
PROVINCE:	Quebec	**AZIMUTH:**	150°			**GEOLOGIST:**	R.J. Tremblay
CLAIM:	5088736	**DIP COLLAR:**	-60°			**SIGNATURE:**	

INTERVAL FROM	-	TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	-	TO	LENGTH (meters)	ANALYSIS Au/ppb	Ag/ppb	Cu/ppm	Ni/ppm
0	-	31.10	***OVERBURDEN.***									
31.10	-	39.00	***FELSIC CRYSTAL TUFF AND INTERMEDIATE AGGLOMERATE.*** - Crystal tuff portions are light grey. - Medium grained crystals in a finer felsic matrix. - Agglomerate is mostly composed of felsic crystal tuff or QFP fragments in a poorly sorted chloritic-magnetic matrix. - Weakly foliated at 60° to core axis. 33.60 - 33.95: Quartz veining, minor tourmaline.	9975	33.60	-	33.95	0.35	?			
39.00	-	45.70	***FELSIC CRYSTAL TUFF.*** - Same as above.									
45.70			***END OF HOLE.***									

PROPERTY:	Verneuil	LINE:	59+50E (Grid B)	ORIENTATION DATA		CONTRACTOR:	M. Lafrenière
PROJECT:	15000	STATION:	49+35S	DEPTH: 143.30 m	DIP: -57°	DATE:	November 12th 1994
TOWNSHIP:	Verneuil	LENGTH:	143.30 meters			CORE SIZE:	NQ
PROVINCE:	Quebec	AZIMUTH:	150°			GEOLOGIST:	R. J. Tremblay
CLAIM:	5088736	DIP COLLAR:	-60°			SIGNATURE:	

INTERVAL FROM	-	TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	-	TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
0	-	31.70	***OVERBURDEN.***									
31.70	-	42.80	***FELSIC TUFFS AND INTERMEDIATE AGGLOMERATE.*** - Mostly crystal and lapilli tuffs grading to coarser agglomerate. - The tuff portions are pale grey and felsic, whereas the agglomerate is composed of light grey flattened fragments in a chloritic dark green matrix. - Weak carbonate-sericite alteration in the tuffs, and weak pervasive carbonate-sericite-chlorite in the agglomerate. - Bedding/foliation is moderately developed at 55° to core axis. - Weak magnetism is associated with the chloritic matrix of the agglomerate.								
42.80	-	72.60	***DIORITE.*** - Medium greenish grey. - Medium grained porphyritic intervals displaying weak foliation interbedded with finer grained intervals displaying stronger foliation, both at 55° to 60° to core axis. - Moderate sericite-chlorite-carbonate alteration in schistose intervals. - Weak and pervasive carbonate-chlorite alteration in coarser grained and porphyritic intervals. - Magnetism weak to moderate from 42.80 to 64.00 meters and somewhat stronger from 64.00 to 72.60 meters.								
			42.80 - 45.00: Strong shearing and carbonate-sericite-chlorite alteration at contact decreasing downwards to 45.00 meters; weak biotite.	9939	42.80	-	44.00	1.20	10			
			53.80 - 54.70: Fine grained, pale grey felsic dyke.									

INTERVAL FROM	-	TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	-	TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
			70.20 - 70.90: Quartz-dolomite-pyrite vein. - As fracture filling in a brecciated zone. - Weakly chloritic. - About 2% to 3% pyrite overall. 71.60 - 72.60: Contact zone with diabase below. - Contains blue quartz. - Lower contact gradual over some 30 cm.	9940	70.20	-	70.90	0.70	5			
72.60	-	76.40	***DIABASE.*** - Yellowish to greenish grey. - Medium to coarse grained; mostly massive to weakly foliated. - Weak pervasive epidote-chlorite alteration. - Strongly magnetic. - Sharp lower contact.									
76.40	-	81.60	***DIORITE OR POSSIBLY ANDESITE FLOW.*** - Dark greenish grey. - Fine grained; weakly foliated. - Weak pervasive chlorite-calcite alteration. - Non magnetic. - Sharp lower contact.									
81.60	-	86.30	***QUARTZ-DIORITE TO DIORITE.*** - Medium greenish grey. - Medium to fine grained; weak pervasive chlorite. - Local silica-carbonate alteration and veining; strongly magnetic. 82.40 - 82.80: Quartz-dolomite-pyrite veining similar to that of 70.20 to 70.90 interval, about 3% to 5% pyrite.	9941	82.40	-	82.80	0.40	770	0.68		

INTERVAL FROM	- TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	- TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
86.30	92.40	***DIABASE.***								
		- Light greenish grey; about 10% pyroxene. - Medium grained, equigranular, homogeneous and fresh. - Weakly foliated at 55° to core axis. - Weak pervasive chlorite-epidote alteration. - Strongly magnetic.								
		91.40 - 92.40: Gabbro. - Same general texture than above but with 40% to 60% dark minerals (hornblende-pyroxene). - Again strongly magnetic. - Contact with diabase above is gradual; this interval could thus be a contact phase.								
93.40	111.55	***DIORITE.***								
		- Color varies from dark to light greenish grey, depending on alteration. - Mostly fine grained. - From upper to lower contact: alteration, schistosity and magnetism quite variable, from weak to strong.								
		93.70 - 94.50: Shear zone - Light grey; strong silica and quartz veining; weak sericite and 5% to 8% fine disseminated pyrite; non magnetic.	9442	93.70	- 94.50	0.80	320	0.31		
		98.30 - 98.60: Mesocratic lamprophyre - Dark grey, medium grained; sharp upper and lower contacts.								
		98.60 - 99.60: Weakly sheared and weak silica-chlorite-sericite alteration.	9443	98.60	- 99.60	1.00	5	0.02		
		100.35 - 101.10: Siliceous dyke. - Medium grey to reddish. - Fine grained, massive to weakly foliated. - Moderate chlorite-carbonate alteration. - Sharp upper and lower contacts at about 70° to core axis.	9444	100.60	- 101.10	0.50	10	0.01		
		101.10 - 102.10: Silica-carbonate veining (≈25%), moderate chlorite-sericite alteration; 3% to 5% fine pyrite over 15 cm interval at center.	9945	101.10	- 102.10	1.00	110	0.15		
			9564	102.10	- 102.85	0.75	150			
		102.85 - 103.60: Foliated diorite, weakly sheared.	9565	102.85	- 103.60	0.75	60			

INTERVAL FROM	- TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM	- TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
		103.60 - 111.55: MIDRIM SHEAR ZONE								
		103.60 - 108.20: Moderately brecciated, sheared and pyritized.	9946	103.60	- 104.10	0.50	730	0.80		
		- Light greenish beige to medium grey.	9976	104.10	- 104.60	0.50	2600	2.78		
		- Fine grained; well foliated at 60° to core axis.	9947	104.60	- 105.10	0.50	3160	3.34		
		- Moderate greenish yellow sericite; pervasive silica-carbonate.	9948	105.10	- 105.60	0.50	13230	13.02		
		- Variable (2%-3% to 10%-15%) fine pyrite throughout, disseminated and in fine veinlets lying parallel to foliation.	9949	105.60	- 106.10	0.50	1880	2.09		
			9950	106.10	- 106.60	0.50	8000	8.57		
		- Mostly non magnetic; a few very weakly magnetic intervals.	9951	106.60	- 107.10	0.50	10300	11.66		
			9952	107.10	- 107.60	0.50	2500	3.08		
			9953	107.60	- 108.20	0.60	2260	2.40		
		108.20 - 110.90: Moderately brecciated and sheared.								
		- *Same lithology and texture as above but darker; much more chloritic and magnetic; only minor (<1%) pyrite.*	9954	108.20	- 108.90	0.70	220	0.21		
		108.90 - 109.30: Moderate to strong silica.	9955	108.90	- 109.30	0.40	500	0.50		
		109.30 - 109.60: Mesocratic lamprophyre, massive and medium grained.	9956	109.30	- 109.60	0.30	10	0.02		
			9957	109.60	- 110.25	0.65	90	0.09		
		110.25 - 110.55: Lamprophyre, massive and medium grained.	9958	110.25	- 110.55	0.30	10	0.02		
		110.55 - 110.90: Moderate shearing, strong pervasive silica-carbonate-sericite-chlorite.	9959	110.55	- 110.90	0.35	860	1.01		
			9960	110.90	- 111.55	0.65	20	0.04		
		110.90 - 111.55: Strong shearing.								
		- Light grey, fine grained.								
		- Well developed silica-sericite-carbonate mm-thick banding at 60° to 65° to core axis; trace pyrite.								
111.55	- 143.30	***FELSIC TUFFS.***								
		111.55 - 119.00: MIDRIM SHEAR ZONE								
		111.55 - 117.15: Strong shearing.	9961	111.55	- 112.05	0.50	-			
		- Light grey, fine grained.	9962	112.05	- 112.35	0.30	10			
		- Well developed silica-sericite-carbonate mm-thick banding at 60° to 65° to core axis; intermittent kink folding (S2); trace pyrite.	9963	112.35	- 112.85	0.50	-			
			9964	112.85	- 113.35	0.50	10			
		112.05 - 112.35: Mesocratic lamprophyre, massive, medium to fine grained.	9965	113.35	- 113.85	0.50	5			
		112.35 - 113.60: Sheared as above.	9966	113.85	- 114.35	0.50	-			
		113.60 - 114.90: Less sheared and altered.	9967	114.35	- 114.85	0.50	-			
			9968	114.85	- 115.35	0.50	-			
			9969	115.35	- 115.85	0.50	-			
		114.85 - 115.35: Strong shearing and fracturing, about 10 cm of lost core.	9970	115.85	- 116.35	0.50	10			
			9971	116.35	- 117.15	0.80	5			

INTERVAL FROM - TO	DESCRIPTION	SAMPLE NUMBER	INTERVAL FROM - TO	LENGTH (meters)	ANALYSIS Au/ppb	Au g/t	Cu/ppm	Ni/ppm
	117.15 - 119.00: Felsic tuff, moderately to weakly sheared.							
	117.15 - 117.45: Siliceous dyke, fine grained, very hard.	9972	117.15 - 117.45	0.30	-			
	117.45 - 118.10: Moderate to strong shearing in upper half, weak shearing and alteration in lower half.	9973	117.45 - 118.10	0.65	5			
	118.10 - 119.00: Weak shearing, fine grained.	9974	118.10 - 119.00	0.90	10			
	119.00 - 143.30: Felsic lapilli, crystal tuff. - Light to medium grey; monotonous sequence. - Fine to medium grained. - Weakly to moderately foliated at 60° to core axis; competent texture. - Weak pervasive calcite-sericite alteration.							
143.30	*END OF HOLE.*							

FREEWEST RESOURCES CANADA INC. - DIAMOND DRILL LOG HOLE: VP-95-55

PROPERTY:	Verneuil	**COLLAR LOCATION:**		**ORIENTATION:**			**CONTRACTOR:**	Lafreniere
PROJECT:	15000	**GRID:**	B	**DEPTH:**	**AZIMUTH:**	**DIP:**	**CORE SIZE:**	NQ
TOWNSHIP:	Verneuil	**LINE:**	59+50E	61.0m	144°	76 °	**STARTED:**	Jan.24,1995
CLAIM:	5088736	**STATION:**	49+35S	121.9m	144 °	74°	**COMPLETED:**	Jan.26,1995
PROVINCE:	Quebec	**ELEVATION:**		164.6m	144°	71°	**LOGGED:**	Jan.27,1995
N.T.S.:	32F/2	**AZIMUTH:**	144°				**GEOLOGIST:**	R.J.Tremblay
		DIP:	-82°				**SIGNED:**	
		LENGTH:	167.6m	**CORE STORED:** Dubuisson,Quebec				

COMMENTS AND SIGNIFICANT INTERSECTIONS:
MSZ 124.2 - 150.6m
Anomalous 132.8 - 142.6m
Best weight average (fire) 137.40 - 139.40m 2.0m at 2.04 g/t
Best weight average (metallics) 137.40 - 139.40m 2.0m at 2.98 g/t

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
0.0	28.3	**Overburden**						
28.3	72.1	**Felsic to intermediate pyroclastics.** Mostly crystal tuff and lapilli tuff grading to agglomerate on narrower intervals. Medium grey overall with lighter fragments set in a darker greenish grey matrix. Fine to coarse grained. Bedding-schistosity at 45° CA, weakly developed. Alteration,calcite,chlorite,sericite, weak overall and moderate over narrow intervals. Mineralization - scattered, trace of fine pyrite crystals. Magnetism - mostly weak; moderate in coarser agglomerate beds where matrix is more chloritic.						
38.2	39.3	Mafic sill or flow. Dark green,fine grained,weakly foliated and altered (chlorite).						
56.5	63.1	Moderately sheared and altered with sericite-chlorite and calcite; medium grained.	39501	56.5	57.5	1.0	--	
			39502	57.5	58.5	1.0	--	
63.1	69.1	Ash-crystal tuff; light grey, fine grained matrix with about 2-5% coarser felsic crystals; poorly bedded; very weak alteration; sharp lower contact at	39503	58.5	59.5	1.0	--	
			39504	59.5	60.5	1.0	--	
			39505	60.5	61.5	1.0	--	
69.1	72.1	Moderately sheared and altered medium grained tuff, same as 56.5 - 63.1m. Sericite-chlorite and calcite alteration, moderate - strongest shearing in upper 1m at 40 - 50° CA.	39506	61.5	62.5	1.0	--	
			39507	62.5	63.1	0.6	--	
			39508	69.1	70.1	1.0	--	
72.1	101.7	**Diorite** Dark greyish-green. Medium grained; many intervals display porphyritic texture. Foliation is weak to moderately developed at 45 - 50° CA Weak chlorite-calcite alteration pervasive with several short intervals displaying moderate alteration. Weak to moderate magnetics throughout.						
76.9	77.8	Felsic Ash - crystal tuff xenolith - same as 63.1 - 69.1m interval. Sharp contacts - lower at 50° CA.						

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
79.2	81.0	Felsic Ash - crystal tuff xenolith - same as above. Sharp contacts - lower at 40° CA.	39509	88.4	89.2	0.8	--	
			39510	89.2	89.8	0.6	--	
88.4	96.3	Quartz diorite	39511	89.8	90.8	1.0	34	
		Medium to light grey.	39512	90.8	91.8	1.0	--	
		Medium grained.	39513	91.8	92.8	1.0	--	
		Weakly foliated - sheared mostly at 40 - 50° CA with local flattening to 30° CA due to folding.	39514	92.8	93.8	1.0	--	
			39515	93.8	94.8	1.0	34	
		Weak pervasive sericite-chlorite alteration.	39516	94.8	95.8	1.0	34	
		Up to 2-3% pyrite disseminated or in discordant quartz veinlets.	39517	95.8	96.3	0.5	68	
		Strongly magnetic throughout.						
		Contains a felsic tuff Xenolith at 89.2 - 89.8m with several fine quartz veinlets and trace of pyrite; sharp contacts 20 - 30° CA.						
96.3	101.7	Diorite						
		Medium to fine grained - the latter in the contact zone with the underlying diabase - this contact is sharp.						
101.7	109.6	**Diabase**						
		Light greyish - green.						
		Medium to coarse grained.						
		Massive to weakly foliated at 45° CA.						
		Weak pervasive epidote and chlorite alteration.						
		Pervasive 10 - 20% magnetic grains.						
		Sharp upper contact; gradual lower contact.						
102.5	102.8	Mesocratic lamprophyre - sharp contacts.						
104.9	105.2	Siliceous dyke - sharp contacts.						
		Lower contact at 109.6m is gradual, fine grained.						
109.6	117.4	**Quartz Diorite (or Diabase)**						
		Possibly a more mafic rich phase of the diabase.						
		Medium to light greenish grey; medium grained.						
		Overall texture is quite similar to overlying diabase.						
		Weakly foliated.						
		Weak pervasive epidote and chlorite alteration.						
		Magnetic.						
		Upper and lower contacts are gradual suggesting the diorite and diabase are phases of a larger intrusive.						

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
113.7	114.1	Mesocratic lamprophyre - sharp contacts.						
116.3	116.7	Mesocratic lamprophyre - sharp contacts.						
117.4	**142.6**	**Diorite**						
117.4	124.2	Medium - dark green; massive to weakly foliated. Medium grained; lower 3m displays porphyritic texture. Weak pervasive talc-chlorite alteration. Weak to moderatly magnetic.						
124.2	142.6	MIDRIM SHEAR ZONE	39518	124.2	125.0	0.8	--	0.01
124.2	125.0	Weak to moderate shearing and alteration. Sericite-chlorite-calcite; fine grained; good schistosity at 40-45° CA. 2-3% disseminated magnetite grains; 2-3% fine pyrite over 10cm interval at centre.						
125.0	125.5	Weak sheared and altered; same as 124.2-125.0m	39519	125.0	125.5	0.5	--	0.02
125.5	126.0	Felsic dyke; light grey, fine grained; weakly foliated and altered; 2-3% finely disseminated pyrite.	39520	125.5	126.0	0.5	--	0.01
126.0	127.7	Weak sheared and altered.	39521	126.0	127.0	1.0	--	0.01
			39522	127.0	127.7	0.7	--	0.01
127.7	128.9	Felsic tuff xenoliths over two intervals 30 and 40cm. Dark greyish-green; fine grained and well foliated. Weakly altered. Sharp contacts with the diorite.	39523	127.7	128.9	1.2	--	0.01
128.9	130.8	Intermediate dyke.	39524	128.9	129.9	1.0	--	0.01
		Medium greyish-green; medium grained and somewhat porphyritic; weak to moderately sheared. Weak pervasive chlorite-talc alteration. 2% pyrite in grains and as coatings on foliation surface. Some portions are more biotite rich - lamprophyre.	39525	129.9	130.8	0.9	34	0.01
130.8	131.8	Moderately sheared and altered, few siliceous sills.	39526	130.8	131.8	1.0	--	0.01
131.8	132.8	Same as above, more siliceous veining and 2-3% pyrite - much silica in lower half.	39527	131.8	132.3	0.5	--	0.02
			39528	132.3	132.8	0.5	--	0.04
132.8	133.2	Felsic tuff xenolith.	39529	132.8	133.2	0.4	34	0.07
133.2	133.8	Moderate brecciation shearing. Weak siliceous veining along schistosity; magnetic.	39530	133.2	133.8	0.6	376	0.43
133.8	134.3	Same as above.	39531	133.8	134.3	0.5	68	0.08

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
134.3	136.1	Same as above, except for intermittent narrow intervals bearing up to 5% disseminated pyrite.	39532	134.3	134.9	0.6	1107	1.22
			39533	134.9	135.4	0.5	2874	3.02
		Dark grey colour, moderate brecciation - shearing and alteration; sericite-silica-chlorite	39534	135.4	136.1	0.7	1266	1.38
136.1	136.4	Lamprophyre, sharp contacts.	39535	136.1	136.4	0.3	103	0.22
136.4	137.4	Moderately brecciated, sheared and altered, chlorite-silica-sericite; medium grey; intermittent siliceous veining with 1-2% pyrite; magnetic.	39536	136.4	136.9	0.5	753	0.83
			39537	136.9	137.4	0.5	108	0.20
137.4	139.4	Light grey, fine grained - pyritized.	39538	137.4	137.9	0.5	2361	2.25
		Moderate to strong shearing.	39539	137.9	138.4	0.5	1437	2.30
		Brecciation at 45-50°	39540	138.4	138.9	0.5	3216	3.15
		Moderate pervasive sericite, silica alteration.	39541	138.9	139.4	0.5	1139	4.21
		Well mineralized, 2-5% with peaks at 5-8% fine disseminated pyrite; non-magnetic.						
139.4	140.2	Medium grey; fine grained.						
		Moderate shearing - brecciation at 45°	39542	139.4	140.2	0.8	582	0.74
		Moderate pervasive alteration - chlorite-sericite-silica						
		Poorly mineralized 1-2% maximum.						
		Magnetic						
140.2	140.5	Lamprophyre; sharp contacts.	39543	140.2	140.5	0.3	--	0.01
140.5	142.6	Medium grey, fine grained.	39544	140.5	141.0	0.5	1984	1.75
		Moderate to strong shearing - increasing in intensity toward lower contact, 45-60° CA	39545	141.0	142.0	1.0	171	0.08
			39546	142.0	142.6	0.6	108	0.06
		Moderate to strong silica-carbonate-chlorite-sericite.						
		Weak pyrite (1%) in 140.5-141.0 interval.						
		Weakly magnetic in upper half, non-magnetic near lower contact.						
142.6	**167.6**	**Felsic Tuffs**	39547	142.6	143.6	1.0	--	0.01
142.6	150.6	MIDRIM SHEAR ZONE	39548	143.6	144.6	1.0	34	0.01
142.6	145.5	Strong shearing.	39549	144.6	145.9	1.3	--	0.01
		Light to medium grey; well developed colour banding along schistosity.						
		Well developed schistosity at 45° CA; intermittent kink folding much of it perpendicular to schistosity.						
		Strong sericite-silica-carbonate alteration - pervasive.						
		Mostly barren except for one narrow pyrite rich interval						

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
145.5	150.6	Moderate to weak shearing.	39550	145.9	146.5	0.6	--	0.01
		Progressively decreasing in shear and alteration intensity	39551	146.5	147.1	0.6	206	0.01
		downward; at 45° CA.	39552	147.2	147.6	0.4	--	0.01
		Overall mineralization less than 1% pyrite; from 145.9 to	39553	147.6	148.6	1.0	--	0.01
		146.5m hosts 20% bedded pyrite (syngenetic).	39554	148.6	149.6	1.0	--	0.01
		Quartz vein, white and barren 147.1 to 147.6m.	39555	149.6	150.6	1.0	--	0.01
150.6	157.0	Ash-crystal tuff.						
		Medium to light grey; fine grained; weakly						
		bedded.						
157.0	163.0	Foliated, altered.						
		Tuff and agglomerate.						
		Same as above; bombs up to an estimated 30cm in long						
		axis; white barren quartz vein and silicification at 159.7 to	39556	159.7	160.1	0.4	--	
		160.1m	39557	164.8	165.8	1.0	108	
163.0	167.6	Fine grained tuff.	39558	165.8	166.1	0.3	--	
		Same as above but with weak shearing; about 1-3% fine	39559	166.1	167.1	1.0	--	
		pyrite at 165.8-166.1m.	39560	167.1	167.6	0.5	--	
	167.6	End of hole - no significant core loss.						

FREEWEST RESOURCES CANADA INC. - DIAMOND DRILL LOG HOLE: VP-95-56

PROPERTY:	Verneuil	**COLLAR LOCATION:**		**ORIENTATION:**			**CONTRACTOR:**	Lafreniere
PROJECT:	15000	**GRID:**	B	**DEPTH:**	**AZIMUTH:**	**DIP:**	**CORE SIZE:**	NQ
TOWNSHIP:	Verneuil	**LINE:**	59+50E	61.0m	143°	-58°	**STARTED:**	Jan.26,1995
CLAIM:	5088736	**STATION:**	48+75S	121.9m	143°	-55°	**COMPLETED:**	Jan.28,1995
PROVINCE:	Quebec	**ELEVATION:**		182.9m	143°	-55°	**LOGGED:**	Jan.29,1995
N.T.S.:	32F/2	**AZIMUTH:**	143°	240.8m	143°	-53°	**GEOLOGIST:**	R.J.Tremblay
		DIP:	-62°				**SIGNED:**	
		LENGTH:	246.9m	**CORE STORED:**				

COMMENTS AND SIGNIFICANT INTERSECTIONS:

MSZ 154.8 - 176.7 m

Anomalous gold values 160.9 - 170.6m

Best weight average (fire) 163.9 - 168.9 5m at 3.21 g/t

Best weight average (metallic) 163.9 - 168.9 5m at 3.24 g/t

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
0.0	33.8	**Overburden**						
33.8	100.2	**Felsic Pyroclastics** Crystal, cherty, lapilli tuffs; minor agglomerate. Light to medium grey; fine to coarse grained. Weak to moderately bedded and/or schistose at 65° Mostly weakly altered - sericite except where described below; otherwise relatively fresh textured. Poorly mineralized overall (<1-2% pyrite) except where described below.						
33.8	42.5	Ash tuff - mineralized from 33.8 to 36.6 with 1-2% scattered pyrite with massive sulphide bed at 34.9 to 35.2m - mostly pyrite, minor pyrrhotite. Very weak schistosity and alteration. Quartz veining and heavy brecciation at 36.8 to 37.1m.	39561 39562 39563 39564	33.8 34.9 35.2 36.2	34.9 35.2 36.2 37.2	1.1 0.3 1.0 1.0	-- 120 -- 5	
46.3	47.7	Diorite Dark grey; medium grained; homogenous. Weakly foliated at 55° CA Weak pervasive chlorite alteration. Sharp contacts.						
	64.0	Bedding schistosity at 55° CA						
	88.0	Bedding at 65° CA						
	100.0	Bedding schistocity at 60° CA						
86.3	88.3	Moderate shearing and alteration - sericite-chlorite at 60° CA; pervasive pyrite (2-3%) disseminated and as smears along foliation.	39565 39566	86.3 87.3	87.3 88.3	1.0 1.0	1020 --	
100.2	124.7	**Diorite** Much of it porphyritic. Dark greenish grey; medium grained. Massive to weakly foliated overall. Pervasive weak chlorite-calcite alteration. Weak to moderately magnetic throughout. Sharp lower contact with underlying diabase. Weak sheared and altered (sericite-chlorite) 100.2 to 101.8m	39567	100.8	101.8	1.0	--	

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
101.8	102.7	Felsic tuff xenolith. Light grey; fine grained, well bedded schistose at 70°	39568	101.8	102.7	0.9	--	
	112.4	5cm quartz sill along schistosity, white, 2-3% pyrite.						
	121.4	Same as above						
122.3	124.7	Quartz diorite. Medium grey; medium grained; massive and homogenous. Scattered pyrite grains at centre; strongly magnetic. Two 1-2cm quartz veins with pyrite grains and tourmaline.	39569	123.6	124.6	1.0	10	
134.8	**170.1**	**Diorite** Dark grey except for diabase portion which is light greenish grey and a talcose alteration zone where it is light grey. Mostly fine grained except for coarse diabase portion. Mostly weakly foliated; variable but average 55° CA. Weak to moderate magnetic in diorite; stronger in diabase. Weak to moderate talc-chlorite-calcite alteration.						
145.7	148.4	Diabase, magnetic.						
154.8	170.1	MIDRIM SHEAR ZONE						
154.8	155.6	Weak to moderate shear and altered - chlorite.	39510	154.8	155.6	0.8	--	
155.6	156.8	Massive porphyritic diorite, coarse grained. Weak shear and alteration.						
156.8	157.5	Felsic tuff xenolith, weakly sheared and altered.	39571	156.8	157.5	0.7	--	
157.5	158.5	Weakly sheared porphyritic diorite; 2-3% finely disseminated pyrite in upper 10cm.	39572	157.5	158.5	1.0	10	
158.5	159.4	Lamprophyre (3.5cm wide) surrounded by heavy silification.	39573	158.5	159.4	0.9	--	
159.4	160.9	Weak sheared and altered; intermittent strong silica alteration.	39574	159.4	160.4	1.0	--	
			39575	160.4	160.9	0.5	--	
160.9	161.5	Felsic tuff xenolith, weakly sheared and altered.	39576	160.9	161.5	0.6	80	
161.5	162.0	Moderate to strong sheared-altered diorite - with moderate quartz veining near lower boundary.	39577	161.5	162.0	0.5	40	0.01
162.0	162.8	Felsic tuff xenolith; weak sheared and altered. Sharp contacts at 60° CA.	39578	162.0	162.8	0.9	30	0.03
162.8	164.6	Strong shearing and alteration (silica-sericite-carbaonate) at 60° Weak chlorite	39579	162.8	163.6	0.8	1740	2.09

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
		Pyrite-rich, light grey intervals interbedded with darker pyrite; poor, moderately magnetic intervals. Pyrite very fine grained, 1-8%						
163.6	163.9	Mesocratic lamprophyre; sharp contacts.	39580	163.6	163.9	0.3	70	0.08
163.9	164.6	Strong shearing and alteration at 60° CA	39581	163.9	164.6	0.7	14200	13.95
		Pyrite-rich, light grey; same as 162.8 - 163.6; with 3-5% very fined grained graphite; weak chlorite.						
164.6	166.3	Moderate to weak shearing and alteration.	39582					
		Medium dark grey; 1% pyrite; weakly magnetic.		164.6	165.5	0.9	960	0.88
		Shearing intensity decreases towards lamprophyre						
165.5	165.8	Mesocratic lamprophyre; porphyritic.	39583					
		Sharp contacts.		165.5	165.8	0.3	10	0.03
165.8	166.3	Weak shearing and brecciation; dark grey; magnetic	39584					
		Gradual lower contact over 5cm; weak quartz-carbonate vein.		165.8	166.3	0.5	30	0.04
166.3	166.8	Strong shearing; pyrite-rich; light grey.	39585					
		Strong alteration - silica-sericite-carbonate; weak chlorite; pyrite very fine grained, 5% overall; 1-3% very fine graphite.		166.3	166.8	0.5	420	0.48
166.8	168.0	Weak shearing and brecciation; dark grey; magnetic	39586					
		Weak quartz-carbonate veining; shearing at 65° CA	39587	166.8	167.4	0.6	10	0.03
		Mostly chlorite alteration moderate.		167.4	168.0	0.6	50	0.06
168.0	170.1	Strong shearing; pyriteforous; light grey. Strong alteration (sericite-silica-carbonate) weak chlorite						
168.0	168.9	Pyriteforous, varies 2-8%, fine grained disseminated.	39588	168.0	168.9	0.9	5530	5.89
168.9	169.1	Mesocratic lamprophyre; sharp contacts.	39589					
169.1	170.1	5% pyrite in upper 15cm only; below this pyrite 1% or less. Weakly magnetic. Lower contact with sheared tuffs marked by quartz veining over 15cm.	39590	168.9 169.1	169.1 170.1	0.2 1.0	20 2360	0.05 2.46
170.1	**246.9**	**Felsic Tuffs**	39591	170.1	170.6	0.5	60	0.12
170.1	176.7	MIDRIM SHEAR ZONE	39592	170.6	171.6	1.0	--	
			39593	171.6	172.6	1.0	--	0.01

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
170.1	173.6	Strong shearing and alteration (sericite-silica-carbonate) - weak chlorite. Schistosity and colour banding variable 60-70° CA with variation to 80° CA at upper contact.						
173.6	176.7	Moderate shearing and alteration decreasing in intensity towards lower boundary.	39594	172.6	173.6	1.0	5	0.01
			39595	173.6	174.7	1.1		0.04
174.7	175.1	Pyrite rich, quartz-carbonate veining overall 5-8%.	39596	174.7	175.1	0.4	10	0.02
176.7	183.5	Ash crystal tuff - very weak alteration.	39597					
183.5	189.0	Lapilli tuff and agglomerate - very weak alteration.	39598	175.1	175.7	0.6	--	0.01
189.2	192.2	Weak shearing and alteration.	39599	175.7	176.7	1.0	--	0.02
		Trace of pyrite.	39600	189.2	190.2	1.0	--	
			39601	190.2	191.2	1.0	--	
202.1	202.9	Quartz veining ~ 50%, minor tourmaline.	39602	191.2	192.2	1.0	--	
207.7	211.7	Intermediate to mafic tuff, greenish		202.1	202.9	0.8	--	
217.3	219.5	Intermediate, sulphide rich (5%) pyrite and lesser	39603					
		pyrrhotite; weak shearing; moderate chlorite alteration.	39604	217.3	218.3	1.0	--	
220.6	227.3	Moderate shearing and alteration (sericite-chlorite-carbonate)	39605	218.3	219.3	1.0	--	
			39606	220.6	221.7	1.1	--	
		Mineralized with mainly pyrrhotite with lesser pyrite totalling	39607	221.7	222.7	1.0	--	
		5-8% disseminated - mostly from 221.7 to 223.7m.	39608	222.7	223.7	1.0	20	
			39609	223.7	224.7	1.0	--	
			39610	224.7	225.7	1.0	--	
			39611	225.7	226.7	1.0	--	
	246.9	End of hole - no significant core loss.		226.7	227.3	0.6	20	

FREEWEST RESOURCES CANADA INC. - DIAMOND DRILL LOG HOLE: VP-95-57

PROPERTY:	Verneuil	**COLLAR LOCATION:**		**ORIENTATION:**			**CONTRACTOR:**	Lafreniere
PROJECT:	15000	**GRID:**	B	**DEPTH:**	**AZIMUTH:**	**DIP:**	**CORE SIZE:**	NQ
TOWNSHIP:	Verneuil	**LINE:**	59+00E	61.0m	145°	-64°	**STARTED:**	Jan.28,1995
CLAIM:	5088736	**STATION:**	49+75S	100.6m	145°	-61°	**COMPLETED:**	Jan.28,1995
PROVINCE:	Quebec	**ELEVATION:**					**LOGGED:**	Jan.30,1995
N.T.S.:	32F/2	**AZIMUTH:**	145°				**GEOLOGIST:**	R.J.Tremblay
		DIP:	-65°				**SIGNED:**	
		LENGTH:	100.6m	**CORE STORED:** Dubuisson, Quebec				

COMMENTS AND SIGNIFICANT INTERSECTIONS:
MSZ 77.8 to 96.9
No significant results.

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
0.0	17.6	**Overburden**						
17.6	36.6	**Diorite/Diabase** Medium to dark greenish-grey; medium coarse grained - porphyritic; massive to weak foliation 60° CA. Weak pervasive - chlorite-epidote-talc alteration. Weak to moderately magnetic - massive magnetite as fracture filling at 17.6 to 19.0m. Homogenous						
36.6	85.6	**Diorite** Medium to dark greyish-green Medium grained - much finer than overlying level. Weakly foliated 55-60° CA						
38.2	38.8	Mesocratic lamprophyre - sharp contacts.						
54.0	54.7	Siliceous intrusive - Sharp contacts.						
50.1	50.5	Mesocratic lamprophyre - sharp contacts.						
55.5	56.9	Moderate shear. Dark greenish-grey. Schistosity at 60° CA. Moderate chlorite, weak sericite-calcite alteration. Quartz veining over 10cm at 55.8; trace of pyrite.	39612 39613	55.5 56.2	56.2 56.9	0.7 0.7	300 70	
64.0	74.9	**Diorite** Medium to coarse grained						
66.5	67.1	Felsic dyke - light grey, felsic, sharp contacts.						
70.3	70.6	Mesocratic lamprophyre.						
73.1	73.5	Mafic dyke, fine grained, black, hard.						
74.9	75.1	Mafic dyke, massive magnetite in open fractures.						
77.8	85.6	MIDRIM SHEAR ZONE Moderate shearing and alteration, sericite-silica-carbonate and moderate to weak chlorite. Variable colour - light grey to nearly black, dependent on alteration type and intensity. Moderate to strongly magnetic at 77.8 to 80.9m; below this non-magnetic. Only trace of pyrite throughout. Shearing and alteration moderate 77.8 to 80.3m. Weak hematite stain 45-55° CA. Hematite stain strong 80.9 to 85.6m.	39614 39615 39616	77.8 78.8 79.6	78.8 79.6 80.3	1.0 0.8 0.7	30 20 --	

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
80.3	80.6	Mesocratic porphyritic lamprophyre.	39617	80.3	80.6	0.3	--	
			39618	80.6	81.3	0.7	10	
81.3	81.6	Quartz vein, minor tourmaline.	39619	81.3	81.5	0.8	--	
			39620	81.5	82.5	1.0	--	
			39621	82.5	83.5	1.0	--	
			39622	83.5	84.1	0.6	--	
			39623	84.1	84.7	0.6	40	
84.7	85.6	Shearing - alteration weaker. Minor pyrite in quartz-cal veinlets.	39624	84.7	85.6	0.9	20	
85.6	100.6	**Felsic to intermediate tuffs**						
85.6	96.9	MIDRIM SHEAR ZONE	39625	85.6	86.6	1.0	--	
			39626	86.6	87.6	1.0	--	
85.6	86.4	Contact zone marked by strong folding.	39627	87.6	88.6	1.0	--	
85.6	91.1	Strong shearing and silica-sericite alteration; moderate	39628	88.6	89.6	1.0	--	
		chlorite, carbonate.	39629	89.6	90.6	1.0	--	
		Colour banding at 50-60° CA.						
91.1	96.9	Moderate shearing decreasing in intensity to weak degree	39630	90.6	91.6	1.0	--	
		near lower boundary.	39631	91.6	92.6	1.0	--	
			39632	92.6	93.6	1.0	--	
			39633	93.6	94.6	1.0	--	
			39634	94.6	95.6	1.0	--	
			39635	95.6	95.9	1.3	--	
	100.6	End of hole - no significant core loss.						

FREEWEST RESOURCES CANADA INC. - DIAMOND DRILL LOG HOLE: VP-95-58 page 1 of 4

PROPERTY:	Verneuil	**COLLAR LOCATION:**		**ORIENTATION:**			**CONTRACTOR:**	Lafreniere
PROJECT:	15000	**GRID:**	B	**DEPTH:**	**AZIMUTH:**	**DIP:**	**CORE SIZE:**	NQ
TOWNSHIP:	Verneuil	**LINE:**	49+99E	61.0m	144°	-58°	**STARTED:**	Jan.29,1995
CLAIM:	5088736	**STATION:**	49+25S	121.9m	144°	-57°	**COMPLETED:**	Jan.30,1995
PROVINCE:	Quebec	**ELEVATION:**		152.4m	144°	-56°	**LOGGED:**	Jan.30,1995
N.T.S.:	32F/2	**AZIMUTH:**	149°				**GEOLOGIST:**	R.J.Tremblay
		DIP:	-60°				**SIGNED:**	
		LENGTH:	152.4m	**CORE STORED:** Dubuisson, Quebec				

COMMENTS AND SIGNIFICANT INTERSECTIONS:
MSZ 143.3 - 152.4m
Anomalous values 118.3 - 122.8m
Best weight average (fire) 121.1 - 122.3 1.2m at 1.96 g/t

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
0.0	28.6	**Overburden**						
28.6	29.2	**Diorite** Dark grey to black; medium grained, homogenous. Massive; moderate chlorite alteration; sharp contact.						
29.2	80.4	**Felsic Tuffs - Ash-crystal** Light to medium grey; fine to medium grey. Weak sericite-carbonate alteration except where described below.						
29.2	31.8	Weak shearing; strong silica, weak sericite.	39636	29.2	30.2	1.0	20	
		Shearing at 60° CA; pyrite as aggregates in quartz-calcite	39637	30.2	31.2	1.0	20	
		veins and disseminated; minor quartz-tourmaline veining.	39638	31.2	31.8	0.6	20	
43.3	44.3	Weak shearing and alteration, trace pyrite at 60° CA.	39639	43.3	44.3	1.0	--	
50.5	53.0	Weak shearing and alteration at 60° CA; 1% disseminated	39640	50.5	51.5	1.0	--	
		pyrite.	39641	51.5	52.5	1.0	--	
			39642	52.5	53.0	0.5	--	
60.6	61.0	Moderate shearing; moderate chlorite.	39643	60.6	61.0	0.4	--	
		Weak sericite alteration.						
65.5	70.0	Agglomerate, medium grey, fresh textures, magnetic.						
77.1	80.4	Moderate shearing and alteration, chlorite-sericite-silica.	39644	77.1	78.1	1.0	--	
			39645	78.1	79.1	1.0	--	
			39646	79.1	80.4	1.3	--	
80.4	97.6	**Diorite** Gabbroic in certain levels. Mostly dark green-black; fine to medium grained. Weakly altered, chlorite-calcite-pervasive. Weakly to moderately foliated 60° CA						
84.4	85.4	Weakly sheared; minor quartz veining.	39647	84.4	85.4	1.0	10	
91.4	97.6	Dominantly weak shearing and alteration	39648	85.4	86.4	1.0	170	
		94.5 - 95.0 Minor quartz veining and pyrite; sharp contact	39649	94.5	95.0	0.5	--	
		with diabase below.	39650	96.7	97.1	0.4	10	

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
97.6	111.9	**Diabase** Medium to light green varying with amount of magnetite-pyroxene (20-40%) Medium grained, much coarser than diorite above. Fresh texture - very little epidote and chlorite alteration. Massive to weakly foliated 50-60° CA. Relatively equigranular and homogenous. Moderate to strong magnetite. Contact with unit below is sharp.						
111.3	111.5	Diorite xenolith Fine grained, non-magnetic.						
111.9	122.8	**Diorite** Dark green-black; fine to medium grained. Weak to moderately foliated. Weakly altered texture throughout increasing to moderate levels in sheared intervals. Occasional pyrite rich shear zones as described below. Contact with overlaying diabase sharp and marked by passage of strongly magnetic diabase to non-magnetic diorite.						
115.1	116.2	Diabase dyke						
117.2	118.3	Diabase dyke						
118.3	122.8	Weakly sheared and altered, moderate silicification.	39651	118.3	119.1	0.8	420	
		2-3% pyrite; at 70° CA	39652	119.1	120.1	1.0	60	
			39653	120.1	121.1	1.0	890	
			39654	121.1	122.0	0.9	940	
122.0	122.3	Strong silica with 5-8% pyrite.	39655	122.0	122.3	0.3	5000	
			39656	122.3	122.8	0.5	140	
122.8	137.1	**Diorite or Diabase** Medium green; medium grained; porphyritic . Massive to weak foliation - fresh texture; very weak alteration (chlorite-calcite)						

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
130.7	131.1	Siliceous dyke with 3-5% disseminated pyrite. Sharp contacts.	39657	130.7	131.1	0.4	10	
134.1	134.3	Mesocratic lamprophyre. Sharp lower contact - grain size contrast.						
137.1	**152.4**	**Diorite** Dark green to black; fine to medium grained. Weak to moderately foliated overall, to very strong in shear zone described below at 60° in upper portion and 70° in lower portion.						
143.3	152.4	MIDRIM SHEAR ZONE						
143.3	145.0	Weak shear and alteration, chlorite-calcite.	39658	143.3	144.1	0.8	--	
145.0	151.0	Strong sheared alteration (sericite-silica-moderate chlorite)	39659	144.1	145.0	0.9	10	
		Light greenish-grey; strong schistosity at 70° CA; good cleavage; only weak amounts of pyrite: max 1-2%.	39660	145.0	145.5	0.5	450	
145.5	146.2	Mesocratic lamprophyre with a 15cm sheared diorite interval at centre.	39661	145.5	146.2	0.7	--	
			39662	146.2	147.2	1.0	--	
			39663	147.2	148.2	1.0	20	
148.2	149.2	Made up of 30-35% quartz; minor amounts of tourmaline.	39664	148.2	149.2	1.0	--	
			39665	149.2	150.0	0.8	20	
150.0	150.3	Much darker colour - much chlorite.	39666	150.0	150.3	0.3	80	
			39667	150.3	151.0	0.7	--	
150.3	151.8	Felsic tuff xenolith; strongly sheared and altered, (sericite-silica-carbonate;weak chlorite).	39668	151.0	151.8	0.8	--	
151.8	152.4	Weakly sheared - altered diorite. Weak alteration chlorite-sericite	39669	151.8	152.4	0.6	20	
	152.4	End of hole						

FREEWEST RESOURCES CANADA INC. - DIAMOND DRILL LOG HOLE: VP-95-59

PROPERTY:	Verneuil	**COLLAR LOCATION:**		**ORIENTATION:**			**CONTRACTOR:**	Lafreniere
PROJECT:	15000	**GRID:**	B	**DEPTH:**	**AZIMUTH:**	**DIP:**	**CORE SIZE:**	NQ
TOWNSHIP:	Verneuil	**LINE:**	60+100E	61.0m	143°	-69°	**STARTED:**	Feb.2,1995
CLAIM:	5088736	**STATION:**	49+30S	121.9m	143°	-68°	**COMPLETED:**	Feb.3,1995
PROVINCE:	Quebec	**ELEVATION:**					**LOGGED:**	Feb.3,1995
N.T.S.:	32/F2	**AZIMUTH:**	143°				**GEOLOGIST:**	R.J.Tremblay
		DIP:					**SIGNED:**	
		LENGTH:	158.5m	**CORE STORED:** Dubuisson, Quebec				

COMMENTS AND SIGNIFICANT INTERSECTIONS:
MSZ - 103.1 to 138.0
No significant intersection.

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
0.0	28.9	**Overburden**						
28.9	46.5	**Pyroclastics** Felsic lapilli and crystal tuff, agglomerate; minor intermediate mafic tuff. Medium green; fine to coarse grained. Well bedded, foliated at 45° CA. Weak pervasive sericite-calcite-chlorite alteration; moderate chlorite in mafic intervals 28.9 - 29.9m and 44.3 - 45.3m. Weakly magnetic overall, stronger in chlorite rich agglomerate matrix; strong magnetite in mafic intervals above.						
46.5	124.5	**Gabbro - Diorite**						
46.5	71.1	Gabbro Dark greenish-grey; medium to coarse grained, porphyritic. Homogeneous, with 50-60% mafics; weak pervasive. Chlorite-epidote alteration; weak pervasive foliation at 45° CA; mostly non-magnetic except for a few mm-thick magnetic bearing veinlets.						
71.1	82.3	Diorite Light to medium greenish-grey; medium grained; 30-50% mafics and 1% blue quartz grains. Weak to moderate foliation at 45° CA; weak to intermediate shearing and alteration as described below; pervasive weak chlorite and epidote. Moderate to strong magnetite throughout.						
75.8	76.1	White barren quartz vein; 1-2% disseminated pyrite at both contacts.	39670	75.8	76.1	0.3	-- --	
82.3	99.7	Quartz diorite (or diabase) less than 10-20% mafics.	39671	84.4	85.4	1.0	--	
		2-3% blue-grey quartz grains.	39672	85.4	86.4	1.0	--	
		Moderate to strong magnetite throughout.	39673	86.4	87.4	1.0	--	
84.4	90.1	Shear and breccia zone; light grey; fine grained.	39674	87.4	88.4	1.0	--	
		Moderate schistosity at 30-40° CA	39675	88.4	89.4	1.0	--	
		Alteration: strong silica, weak sericite-carbonate.	39676	89.4	90.1	0.7	--	

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
		Pervasive 1-2% pyrite;						
86.4	87.4	2-3% at 86.4 - 87.4m in quartz-pyrite filled fractures stockwork. Several more mafic intervals in lower half.						
93.1	93.4	Mesocratic lamprophyre.						
99.7	124.5	Diorite Dark greenish-grey to black; fine to medium grained. Moderately magnetic.						
99.7	100.5	Mesocratic lamprophyre, massive to weak foliation.	39677	100.5	100.9	0.4	20	
100.5	100.9	Weak shear, alteration (sericite-silica) 1-2% pyrite.						
100.9	101.2	Mesocratic lamprophyre, massive						
101.2	101.4	Weak shear, alteration (sericite-silica) 1-2% pyrite.	39678	101.2	101.4	0.2	20	
101.4	101.7	Mesocratic lamprophyre, massive.						
101.7	102.8	Weak foliation.						
102.8	103.1	Mesocratic lamprophyre, massive.						
103.1	124.5	MIDRIM SHEAR ZONE Moderate to strong shear and alteration, Sericite-silica-carbonate-chlorite-hematite. Moderate to weak magnetite.						
103.1	104.3	Weak shear, alteration (chlorite-sericite- carbonate). Dark green.	39679	103.1	104.3	1.2	--	
104.3	105.5	Weak shear, alteration (sericite), strong silica, light grey.	39680	104.3	104.9	0.6	--	
			39681	104.9	105.5	0.6	--	
105.5	107.8	Weak shear, moderate alteration (chlorite - sericite).	39682	105.5	106.5	1.0	--	
		Dark green.	39683	106.5	107.5	1.0	70	
			39684	107.5	107.8	0.3	110	
107.8	108.6	Moderate shearing and alteration sericite), strong silica.	39685	107.8	108.6	0.8	340	
		Light grey, scattered 1-2% fine pyrite;	39686	108.6	109.6	1.0	10	
		intermittent 5% over few 5cm intervals.						
108.6	112.4	Moderate shearing and alteration - hematite, sericite-	39687	109.6	110.6	1.0	10	
		carbonate, strong silica; distinct light grey with reddish tint.	39688	110.6	111.6	1.0	220	
			39689	111.6	112.4	0.8	30	
109.6	110.6	Moderate chlorite alteration.						

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
112.4	117.1	Moderate shear and alteration.	39690	112.4	113.0	0.6	970	
		Dark grey, magnetic to light grey non-magnetic.	39691	113.0	114.0	1.0	10	
		Dark zones are moderately chloritic;	39692	114.0	115.0	1.0	--	
		light zones are weakly chloritic, siliceous and fine grained;	39693	115.0	116.0	1.0	--	
		may represent siliceous dykes or sills.	39694	116.0	117.1	1.1	--	
		Shearing is weak to moderate at 50° CA.	39695	117.1	118.1	1.0	--	
		Upper 0.60cm at 112.4 - 113.0m is pyrite-rich 1-5%.	39696	118.1	119.1	1.0	--	
117.1	123.0	Weak foliated to massive diorite, weak	39697	119.1	120.1	1.0	--	
		pervasive chlorite-calcite alteration.	39698	120.1	121.1	1.0	--	
			39699	121.1	122.1	1.0	--	
			39700	122.1	123.0	0.9	10	
123.0	124.5	Strong shearing and alteration (sericite-	39701	123.0	123.9	0.9	1460	
		silica-moderate chlorite-weak hematite).	39702	123.9	124.5	0.6	630	
123.0	123.9	Pyrite-rich, minor tourmaline, pyrite varies 1-5%.						
123.9	124.5	Very strong silica-carbonate; quartz veining with minor pyrite and tourmaline folding.						
124.5	**158.5**	**Felsic Pyroclastcs** Mostly tuff.						
124.5	138.0	MIDRIM SHEAR ZONE Strong to moderate 124.5 - 133.0m; weak 133.0 - 138.0m						
124.5	125.1	Hematitic, narrow lamprophyre; heavy fracturing.	39703	124.5	125.1	0.6	5	
125.1	125.4	Siliceous dyke/sill minor pyrite.	39704	125.1	125.4	0.3	--	
125.4	126.4	Hematitic - could be a sheared diorite (sill?) Weak magnetite; few quartz-tourmaline-pyrite veinlets perpendicular to schistosity.	39705	125.4	126.4	1.0	--	
126.4	127.3	Same as above.	39706	126.4	127.3	0.9	40	
127.3	127.5	Mesocratic lamprophyre; sharp contacts.	39707	127.3	127.5	0.8	--	
127.5	128.5	Minor quartz-tourmaline veining.	39708	127.5	128.5	1.0	--	
		Shearing alteration strong at 50-55° CA	39709	128.5	129.6	1.1	--	
129.6	129.8	Mesocratic lamprophyre; sharp contacts.	39710	129.6	129.8	0.2	--	
			39711	129.8	130.6	0.8	--	
			39712	130.6	131.6	1.0	--	
			39713	131.6	132.1	0.5	--	

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
131.1	132.9	Pyrite-rich beds 1-10%, weak folding.	39714	131.1	132.9	0.8	--	
			39715	132.9	133.9	1.0	--	
133.0	138.0	Light grey,well bedded, tuff at 50° CA	39716	133.9	134.9	1.0	--	
		Very weak shearing-schistosity.	39717	134.9	135.9	1.0	--	
135.9	136.9	Pyrite-rich beds 1-10%.	39718	135.9	136.9	1.0	50	
136.9	138.0	Pyrite-rich beds 1-10%.	39719	136.9	138.0	1.1	60	
138.0	158.5	Light grey,weak bedded tuff (crystal and lapilli) 55° CA						
138.0	139.0	Decreasing pyrite.	39720	138.0	139.0	1.0	--	
144.5	147.8	Light shearing and alteration (sericite-calcite-chlorite)	39721	144.5	145.5	1.0	--	
		Pyrite-rich , 1-3% overall.	39722	145.5	146.5	1.0	--	
			39723	146.5	147.5	1.0	--	
156.0	158.0	Weak shearing, alteration (sericite-silica), minor pyrite.	39724	156.0	157.0	1.0	--	
			39725	157.0	158.0	1.0	--	
	158.5	End of hole						
		1m footage discrepancy in box 29 - 30.						

FREEWEST RESOURCES CANADA INC. - DIAMOND DRILL LOG HOLE: VP-95-60

PROPERTY:	Verneuil	**COLLAR LOCATION:**		**ORIENTATION:**			**CONTRACTOR:**	Lafreniere
PROJECT:	15000	**GRID:**	B	**DEPTH:**	**AZIMUTH:**	**DIP:**	**CORE SIZE:**	NQ
TOWNSHIP:	Verneuil	**LINE:**	59+50E	61.0m	143°	-67 °	**STARTED:**	Feb.4,1995
CLAIM:	5088736	**STATION:**	49+25S	121.9m	143°	-63°	**COMPLETED:**	Feb.5,1995
PROVINCE:	Quebec	**ELEVATION:**		259.1m	143°	-63°	**LOGGED:**	Feb.5-6,1995
N.T.S.:	32F/2	**AZIMUTH:**	143°				**GEOLOGIST:**	R.J.Tremblay
		DIP:	-70°				**SIGNED:**	
		LENGTH:	259.1m	**CORE STORED:** Dubuisson, Quebec				

COMMENTS AND SIGNIFICANT INTERSECTIONS:
MSZ 225.0 - 252.7m
No significant intersections

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
0.0	31.1	**Overburden**						
31.1	155.9	**Felsic lapilli, crystal tuff, minor V9b and V10a** Light to medium greenish-grey. Fine to coarse grained (lapillis up to 2-3cm). Weak to moderate bedded- foliated at 50-60° CA Weakly pervasive sericite-calcite alteration; weak to moderate chlorite in more mafic intervals.						
36.2	39.5	Weak shearing overall; moderate with quartz and trace	39726	38.0	38.5	0.5	10	
38.0	38.5	pyrite.						
44.8	45.0	Moderate sericite-calcite-chlorite.						
49.5	50.0	Mafic lamprophyre; dark green; sharp contacts.						
72.1	72.6	Mafic lamprophyre; dark green-black, strongly chloritic and magnetic; sharp contacts.						
73.2	86.0	Cherty, well-bedded at 60° CA						
		Agglomerate						
		Felsic; light to medium grey; coarse.	39727	78.9	79.8	0.9	--	
		Weak pervasive sericite-calcite alteration.	39728	81.4	82.2	0.8	--	
		Pyritic (1-3%) 78.9 - 79.8m, 81.4 - 83.6m in matrix and in	39729	82.2	83.2	1.0	--	
86.0	92.7	cross cutting veinlets.	39730	83.2	83.6	0.4	--	
		Fine tuff and crystal; weak sheared and altered (sericite-calcite).	39731	86.0	87.0	1.0	--	
		Light grey; fine grained; well bedded/ schistose at 50-60° CA.	39732	87.0	87.5	0.5	210	
			39733	87.5	88.5	1.0	--	
		2-3% pyrite - pyrrhotite overall, disseminated, in veinlets or						
87.0	87.5	bedded.	39734	88.5	89.5	1.0	--	
90.5	91.1	Bedded pyrrhotite-pyrite, concentration 10-20%	39735	89.5	90.5	1.0	--	
		Moderate shearing and alteration (sericite-chlorite) strong	39736	90.5	91.1	0.6	150	
92.1	92.7	silica; pyritic 2-3%	39737	91.1	92.1	1.0	--	
		Strong pyrrhotite and pyrite, 5-10% overall.	39738	92.1	92.7	0.6	40	
116.1	117.4	Lower contact with folding with underlying crystal tuff.						
117.4	117.9	Diorite dyke, dark green, medium green.	39739	122.8	123.8	1.0	--	
122.8	124.5	Weak pervasive hematite.	39740	123.8	124.5	0.7	--	
		Weak to moderate sheared and altered (sericite-silica-carbonate) - weak chlorite; 5% fine pervasive tourmaline at 123.5 - 124.5m; schistosity at 55° CA.	39741	128.7	129.2	0.5	530	

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
128.0	128.7	Mafic flow(?) fine grained; dark green.						
128.7	129.2	Weak shear, intermittent 1-2cm.						
		Quartz sills some with pyrite-cp-gn; at 55° CA						
140.0	141.4	About 25-30% white barren quartz veining with minor	39742	140.0	140.7	0.7	--	
		tourmaline.	39743	140.7	141.4	0.7	--	
143.7	145.0	Coarse lapilli tuff and agglomerate, intermediate to mafic.						
		Medium grey to dark green.						
		Magnetic where matrix is chloritic.						
145.0	146.7	Mafic dyke, fine grained, massive and homogeneous.						
		Strongly magnetic.						
153.5	154.0	1cm quartz veinlets 0-30° CA; minor tourmaline, moderate fracturing.						
155.9	179.6	**Porphyritic Diorite**						
		Dark greyish-green to black.						
		Medium grained; weakly foliated at 50° CA.						
		Weak pervasive chlorite alteration; weak to moderate magnetite.						
		Relatively homogeneous composition and equigranular except for a few m-thick intervals.						
179.6	214.2	**Quartz Diorite or (Diabase)**						
		With locally 2-3% blue-grey quartz grains; 10-20% mafic.						
		Yellowish medium green; medium grained - slightly finer than overlying diorite.						
		Weak pervasive epidote-chlorite alteration.						
		Some coarser intervals appear like diabase.						
		Strongly magnetic - 10-15% finely disseminated magnetic grains.						
183.2	183.5	Siliceous, pyritic (2-3%) quartz-tourmaline veinlets.	39744	183.2	183.5	0.3	--	
194.8	202.1	Weak to strong silicified and quartz veining.	39745	194.8	195.1	0.3	70	
		Scattered pyrite.	39746	195.1	195.9	0.8	10	
		Strongest silica and 2-3% pyrite and minor tourmaline:	39747	195.9	196.3	0.4	10	
		194.8 - 195.1m, 195.9 - 196.3m, 199.6 - 200.4m, 201.2 - 202.1m	39748	196.3	197.2	0.9	--	
193.3	197.2	Quartz veining subparallel to core axis, minor pyrite at	39749	197.2	198.2	1.0	--	
		203.5 - 204.2m	39750	198.2	198.9	0.7	--	
		Mesocratic lamprophyre.						
204.2	214.2	Less quartz, appears less mafic - diabase(?)	39751	198.9	199.6	0.7	--	
		Again 10-15% finely disseminated magnetite.	39752	199.6	200.4	0.8	--	
		Finer grained than overlying interval.	39753	200.4	201.2	0.8	--	

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
210.5	211.7	Cherty tuff xenolith; medium to dark grey; very finelygrained.	39754	201.2	202.1	0.9	20	
211.7	212.5	Diorite displays moderate shearing, alteration sericite-silica-chlorite. 1-2%crystalline pyrite; at 55° CA.	39755	202.1	203.1	1.0	--	
212.5	213.0	Chert tuff xenolith; medium grey; very fine grained.						
213.0	213.8	Weak shearing and alteration (sericite-chlorite) at 55° CA						
213.8	214.2	Cherty tuff xenolith, dark grey.	39756	210.5	211.7	1.2	--	
214.2	234.1	**Diorite**	39757	211.7	212.5	0.8	--	
		Mostly porphyritic; dark greenish grey to black; weak to	39758	212.5	213.0	0.5	--	
		strong epidote-chlorite, sericite-silica-carbonate alteration;	39759	213.0	213.8	0.8	--	
		moderate magnetite.						
220.0	220.5	Weak shearing; weak hematite,chlorite.	39760	213.8	214.2	0.4	--	
222.4	223.4	Weak shearing alteration and minor pyrite; 222.5 - 233.2	39761	214.2	214.7	0.5	--	
		lamprophyre.	39762	220.0	220.5	0.5	--	
			39776	222.4	223.4	1.0	10	
225.0	234.1	MIDRIM SHEAR ZONE	39763	225.0	225.9	0.9	240	
		60-65° CA	39764	225.9	226.1	0.2	--	
225.0	228.5	Weak shearing and alteration (sericite-chlorite-carbonate)	39765	226.1	227.2	1.1	10	
228.5	231.5	Moderate shearing and alteration (sericite-chlorite-strong silica)	39766	227.2	227.5	0.3	--	
231.5	234.1	Strong shearing and alteration (sericite-chlorite-strong silica)	39767	227.5	228.5	1.0	--	
225.9	226.1	Siliceous dyke; minor pyrite in contact zone.	39768	228.5	229.5	1.0	70	
227.2	227.5	Mesocratic lamprophyre.	39769	229.5	230.5	1.0	10	
230.5	231.5	Minor quartz veining with weak pyrite and tourmaline.	39770	230.5	231.5	1.0	20	
231.5	232.0	1-2% disseminated pyrite.	39771	231.5	232.0	0.5	40	
232.0	232.7	2-3% disseminated pyrite.	39772	232.0	232.7	0.7	100	
232.7	232.9	Siliceous sill.	39773	232.7	232.9	0.2	--	
232.9	233.8	Overall pyrite, 1-2%, 2-3% in lower 40cm.	39774	232.9	233.8	0.9	20	
		1cm thick quartz tourmaline and trace of pyrite, vein 90° to folding.	39775	233.8	234.1	0.3	20	
233.8	234.1	Folding, much quartz veining.						

FROM (m)	TO (m)	DESCRIPTION:	SAMPLE NO.	From (m)	To (m)	Length (m)	Au (ppb)	Au (g/t)
234.1	259.1	**Felsic to intermediate tuff.**	39777	234.1	234.4	0.3	--	
		Light to medium grey or greenish grey; banded.	39778	234.4	235.4	1.0	--	
		Fine grained.	39779	235.4	236.4	1.0	--	
		Intermittently pyritic - finely disseminated and/or bedded.	39780	236.4	237.4	1.0	10	
234.1	252.7	MIDRIM SHEAR ZONE	39781	237.4	238.4	1.0	--	
			39782	238.4	238.9	0.5	--	
234.1	238.4	Strong shearing and alteration (sericite-silica-carbonate).	39783	238.9	239.8	0.9	--	
238.4	242.2	Moderate, interrupted by weaker intervals.	39784	239.9	240.2	0.3	--	
242.2	252.7	Weak, interrupted by moderate intervals.	39785	240.2	241.2	1.0	--	
252.7	259.1	Unsheared, weakly bedded, weak alteration; 55^{o} CA	39786	241.2	242.2	1.0	--	
			39787	242.2	243.2	1.0	--	
234.1	234.5	Dark, moderately sheared 55^{o} CA	39788	243.2	244.2	1.0	--	
234.5	238.4	Strong shearing and alteration, intermittent fine pyrite (max 5%); cherty	39789	244.2	245.2	1.0	--	
			39790	245.2	246.2	1.0	--	
238.4	238.9	Weakly sheared; dark,; chlorite.	39791	246.2	246.8	0.6	--	
238.9	239.8	Strong shearing and alteration; some quartz flooding with minor pyrite and tourmaline.	39792	246.8	247.2	0.4	--	
			39793	247.2	248.2	1.0	--	
239.8	240.2	Weak shearing and alteration; dark chlorite.	39794	248.2	249.2	1.0	--	
240.2	243.2	Moderate shearing and alteration, pyritic 2-3%.	39795	249.2	250.2	1.0	--	
		Some quartz flooding.	39796	250.2	251.2	1.0	--	
243.2	246.8	Weakly sheared, dark-chloritic.	39797	251.2	252.2	1.0	--	
246.8	247.2	Moderate to strong shearing; moderate sericite, strong silica at 55^{o} CA.	39798	252.2	252.7	0.5	10	
			39799	252.7	253.7	1.0	--	
247.2	252.7	Mostly weak shearing and alteration, pyritic throughout 1-5%; quartz vein with much pyrite at 247.2 - 247.3m	39800	253.7	254.7	1.0	--	
252.7	254.5	Cherty, pyritic.						
	259.1	End of hole.						

APPENDIX 3

Assay Certificates
and
Weight Average Calculations

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

FREEWEST RESOURCES INC.

PN-15000

N° 63489

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUÉBEC): Nov. 9 19 94

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 59 Au

Sample #	Au ppb	Sample #	Au ppb	Sample #	Au ppm
9701	N.D.	9730	N.D.	9706 *	1.73
9702	20	9731	N.D.	9722 *	5.66
9703	N.D.	9732	N.D.	9723 *	7.26
9704	N.D.	9733	10		
9705	400	9734	N.D.		
9706 *	>1000	9735	N.D.		
9707	30	9736	N.D.		
9708	5	9737	N.D.		
9709	N.D.	9738	N.D.		
9710	530	9739	N.D.		
9711	70	9740	N.D.		
9712	5	9741	N.D.		
9713	N.D.	9742	N.D.		
9714	5	9743	N.D.		
9715	N.D.				
9716	5	9541	N.D.		
9717	N.D.	9542	N.D.		
9718	N.D.	9543	N.D.		
9719	N.D.	9544	N.D.		
9720	N.D.	9545	750		
9721	500	9546	N.D.		
9722 *	>1000	9547	N.D.		
9723 *	>1000	9548	N.D.		
9724	30	9549	N.D.		
9725	5	9550	20		
9726	10	9551	N.D.		
9727	N.D.	9552	N.D.		
9728	30	9553	210		
9729	N.D.	9554	N.D.		
		9555	N.D.		
		9556	N.D.		

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

> = plus que .
> = more than .

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

N° 63505

FREEWEST RESOURCES INC.

PN-15000

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUÉBEC): Nov. 11 19 94

REÇU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 57 Au

Sample #	Au ppb	Sample #	Au ppb	Sample #	Au ppm
9534	60	9769	N.D.	9764	* 1.56
9535	30	9770	20		
9536	10	9771	180		
9537	N.D.	9772	260		
9538	10	9773	N.D.		
9539	N.D.	9774	N.D.		
9540	90	9775	N.D.		
		9776	20		
9557	N.D.	9777	N.D.		
9558	N.D.	9778	N.D.		
9559	N.D.	9779	N.D.		
		9780	N.D.		
9744	N.D.	9781	N.D.		
9745	N.D.	9782	N.D.		
9746	N.D.	9783	N.D.		
9747	N.D.	9784	N.D.		
9748	N.D.	9785	N.D.		
9749	N.D.	9786	N.D.		
9750	10	9787	N.D.		
9751	N.D.	9788	N.D.		
9752	N.D.	9789	N.D.		
9753	N.D.	9790	N.D.		
9754	80				
9755	10				
9756	40				
9757	70				
9758	110				
9759	N.D.				
9760	N.D.				
9761	N.D.				
9762	270				
9763	N.D.				
9764	* >1000				
9765	N.D.				
9766	N.D.				
9767	20				
9768	N.D.				

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

> = plus que .
> = more than .

ANALYSTE / ASSAYER

Linda D. Malhardie

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
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LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

FREEWEST RESOURCES INC.

PN-15000

N° 63529

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUEBEC) Nov. 15 19 94

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 103 Au

Sample #	Au ppb	Sample #	Au ppb	Sample #	Au ppb
9560	N.D.	9822	N.D.	9858	N.D.
9561	N.D.	9823	N.D.	9859	N.D.
9562	10	9824	10	9860	N.D.
9563	N.D.	9825	30	9861	N.D.
		9826	N.D.	9862	N.D.
9791	N.D.	9827	490	9863	N.D.
9792	N.D.	9828	N.D.	9864	N.D.
9793	N.D.	9829	N.D.	9865	N.D.
9794	N.D.	9830	N.D.	9866	N.D.
9795	N.D.	9831	N.D.	9867	N.D.
9796	N.D.	9832	N.D.	9868	N.D.
9797	N.D.	9833	10	9869	N.D.
9798	N.D.	9834	N.D.	9870	N.D.
9799	N.D.	9835	N.D.	9871	N.D.
9800	N.D.	9836	N.D.	9872	10
9801	N.D.	9837	N.D.	9873	N.D.
9802	N.D.	9838	N.D.	9874	N.D.
9803	N.D.	9839	N.D.	9875	10
9804	N.D.	9840	N.D.	9876	60
9805	N.D.	9841	N.D.	9877	N.D.
9806	N.D.	9842	20	9878	N.D.
9807	50	9843	20	9879	N.D.
9808	N.D.	9844	20	9880	N.D.
9809	170	9845	10	9881	N.D.
9810	10	9846	N.D.	9882	N.D.
9811	N.D.	9847	20	9883	N.D.
9812	5	9848	20	9884	N.D.
9813	780	9849	740	9885	N.D.
9814	730	9850	* >1000	9886	N.D.
9815	1000	9851	230	9887	N.D.
9816	5	9852	N.D.	9888	N.D.
9817	N.D.	9853	N.D.	9889	N.D.
9818	30	9854	N.D.		
9819	N.D.	9855	N.D.	Sample #	Au ppm
9820	N.D.	9856	N.D.		
9821	N.D.	9857	N.D.	9850 *	1.23

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

> = plus que .
> = more than .

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

FREEWEST RESOURCES INC.

PN-16000

N° 63554

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUEBEC): Nov. 17 19 94

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 48 Au

Sample #	Au ppb	Sample #	Au ppb
9890	10	9927	N.D.
9891	100	9928	N.D.
9892	N.D.	9929	N.D.
9893	N.D.	9930	N.D.
9894	N.D.	9931	N.D.
9895	N.D.	9932	10
9896	10	9933	20
9897	20	9934	20
9898	10	9935	N.D.
9899	90	9936	N.D.
9900	N.D.	9937	N.D.
9901	N.D.		
9902	N.D.		
9903	40		
9904	140		
9905	N.D.		
9906	N.D.		
9907	N.D.		
9908	N.D.		
9909	N.D.		
9910	N.D.		
9911	150		
9912	30		
9913	N.D.		
9914	270		
9915	160		
9916	20		
9917	10		
9918	N.D.		
9919	10		
9920	70		
9921	N.D.		
9922	N.D.		
9923	N.D.		
9924	310		
9925	N.D.		
9926	10		

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

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CERTIFICATE OF ANALYSIS

FREEWEST RESOURCES INC.

PN-15000

N° 63588

ÉCHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUEBEC): November 24, 19 94

REÇU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 39 Au

Sample #	Au ppb	Sample #	Au ppb	Sample #	Au ppm
9938	10	9975	N.D.	9947 *	3.16
9939	10	9976	* >1000	9948 *	13.23
9940	5			9949 *	1.83
9941	770			9950 *	8.00
9942	320			9951 *	10.30
9943	5			9952 *	2.50
9944	10			9953 *	2.26
9945	110			9976 *	2.60
9946	730				
9947	* >1000				
9948	* >1000				
9949	* >1000				
9950	* >1000				
9951	* >1000				
9952	* >1000				
9953	* >1000				
9954	220				
9955	500				
9956	10				
9957	90				
9958	10				
9959	860				
9960	20				
9961	N.D.				
9962	10				
9963	N.D.				
9964	10				
9965	5				
9966	N.D.				
9967	N.D.				
9968	N.D.				
9969	N.D.				
9970	10				
9971	5				
9972	N.D.				
9973	5				
9974	10				

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5
TÉL.: (819) 824-4337
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FREEWEST RESOURCES INC.

PN-15000

N° 63727

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUÉBEC): December 16, 19 94

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 7 Au

Sample #	Au ppb
9564	150
9565	60
9566	5
9567	180
9568	<5
9569	570
9570	10

< = moins que .
< = less than .

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX: (819) 824-4745

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CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

FREEWEST RESOURCES INC.

PN-16000

N° 63728

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUÉBEC): December 16. 19 94

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 3 Au

Sample #	Au ppb
9571	<5
9572	<5
9573	<5

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

ANALYSTE / ASSAYER

Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Metallic Assay Certificate

4W-4060-RM1

Company: **FREEWEST RESOURCES INC** Date: DEC-09-94

Project:

Attn: M. Fekete

We hereby certify the following Metallic Assay of 58 Reject/Pulp samples submitted DEC-01-94 by .

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value A +100(g/t)	Assay Value A -100(g/t)	Total Weight A +100(mg)	Total Weight A -100(mg)	Metallic A (oz/ton)	Metallic A (g/t)	Net A (oz/ton)	Net A (g/t)
9544	1289.04	19.04	0.02	0.04	0.000	0.051	0.000	0.00	0.001	0.04
9545	1428.21	10.41	0.68	0.81	0.007	1.148	0.000	0.00	0.024	0.81
9546	886.07	6.97	0.01	0.02	0.000	0.018	0.000	0.00	0.001	0.02
9562	624.73	8.63	0.29	0.04	0.003	0.025	0.000	0.00	0.001	0.04
9563	767.75	22.05	0.04	0.13	0.001	0.097	0.000	0.00	0.004	0.13
9705	1395.33	10.23	0.40	0.33	0.004	0.457	0.000	0.00	0.010	0.33
9706	1259.35	5.85	26.15	1.95	0.153	2.444	0.004	0.12	0.060	2.06
9707	1311.61	8.41	0.02	0.04	0.000	0.052	0.000	0.00	0.001	0.04
9710	880.73	26.53	0.83	0.89	0.022	0.760	0.001	0.03	0.026	0.89
9711	1321.18	12.48	0.08	0.10	0.001	0.131	0.000	0.00	0.003	0.10
9720	2238.21	7.91	0.01	0.02	0.000	0.045	0.000	0.00	0.001	0.02
9721	1017.94	7.44	0.22	0.65	0.002	0.657	0.000	0.00	0.019	0.65
9722	1449.60	1.90	6.84	5.93	0.013	8.585	0.000	0.01	0.173	5.93
9723	1884.59	2.09	36.36	8.47	0.076	15.945	0.001	0.04	0.248	8.50
9724	1050.05	1.45	0.07	0.14	0.000	0.147	0.000	0.00	0.004	0.14
9762	1255.56	1.76	0.14	0.30	0.000	0.376	0.000	0.00	0.009	0.30
9763	1344.79	3.99	0.08	0.02	0.000	0.027	0.000	0.00	0.001	0.02
9764	708.93	2.23	19.13	2.09	0.043	1.477	0.002	0.06	0.063	2.14
9771	2090.06	36.86	0.25	0.25	0.009	0.513	0.000	0.00	0.007	0.25
9772	1340.09	16.79	0.20	0.31	0.003	0.410	0.000	0.00	0.009	0.31
9807	1281.13	1.23	0.33	0.14	0.000	0.179	0.000	0.00	0.004	0.14
9808	1038.70	1.10	0.86	0.05	0.001	0.052	0.000	0.00	0.001	0.05
9809	1863.38	14.38	0.43	0.26	0.006	0.481	0.000	0.00	0.008	0.26
9810	1503.24	6.44	0.12	0.13	0.001	0.195	0.000	0.00	0.004	0.13
9811	1450.78	15.48	0.13	0.04	0.002	0.057	0.000	0.00	0.001	0.04
9812	2253.34	5.54	0.04	0.03	0.000	0.067	0.000	0.00	0.001	0.03
9813	1961.93	3.33	33.93	0.89	0.113	1.743	0.002	0.06	0.028	0.95
9814	1609.50	2.40	0.50	0.89	0.001	1.430	0.000	0.00	0.026	0.89
9815	1663.22	1.52	0.72	1.23	0.001	2.044	0.000	0.00	0.036	1.23
9826	1038.61	4.11	0.04	0.01	0.000	0.010	0.000	0.00	0.000	0.01

The above samples were pulverized using a ring mill and assayed using a 1 A.T. portion.

Certified by G. Lebel

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Metallic Assay Certificate

4W-4060-RM1

Company: **FREEWEST RESOURCES INC**

Date: DEC-09-94

Project:

Attn: M. Fekete

We hereby certify the following Metallic Assay of 58 Reject/Pulp samples submitted DEC-01-94 by .

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value A +100(g/t)	Assay Value A -100(g/t)	Total Weight A +100(mg)	Total Weight A -100(mg)	Metallic A (oz/ton)	Metallic A (g/t)	Net A (oz/ton)	Net A (g/t)
9827	1021.07	2.57	0.45	0.61	0.001	0.621	0.000	0.00	0.018	0.61
9828	1861.67	32.07	0.01	0.01	0.000	0.018	0.000	0.00	0.000	0.01
9848	1688.96	26.16	0.01	0.01	0.000	0.017	0.000	0.00	0.000	0.01
9849	1643.51	17.11	7.60	0.68	0.130	1.106	0.002	0.08	0.022	0.75
9850	806.74	6.24	0.91	1.58	0.006	1.265	0.000	0.01	0.046	1.57
9851	1841.03	22.63	1.24	0.28	0.028	0.509	0.000	0.02	0.009	0.29
9852	1430.19	26.59	0.01	0.02	0.000	0.028	0.000	0.00	0.001	0.02
9941	1651.62	7.72	1.01	0.68	0.008	1.118	0.000	0.00	0.020	0.68
9942	1540.79	34.59	0.22	0.31	0.008	0.467	0.000	0.00	0.009	0.31
9943	3466.66	53.76	0.01	0.02	0.001	0.068	0.000	0.00	0.001	0.02
9944	916.98	4.58	0.03	0.01	0.000	0.009	0.000	0.00	0.000	0.01
9945	2037.33	23.43	0.13	0.15	0.003	0.302	0.000	0.00	0.004	0.15
9946	909.97	8.67	0.64	0.80	0.006	0.721	0.000	0.01	0.023	0.80
9947	1193.36	7.66	4.18	3.33	0.032	3.948	0.001	0.03	0.097	3.34
9948	960.40	5.30	11.51	13.03	0.061	12.445	0.002	0.06	0.380	13.02
9949	667.75	1.25	2.16	2.09	0.003	1.393	0.000	0.00	0.061	2.09
9950	962.86	4.06	9.36	8.57	0.038	8.217	0.001	0.04	0.250	8.57
9951	791.12	1.02	9.61	11.66	0.010	9.213	0.000	0.01	0.340	11.66
9952	911.55	3.55	1.80	3.09	0.006	2.806	0.000	0.01	0.090	3.08
9953	1093.47	24.17	2.40	2.40	0.058	2.566	0.002	0.05	0.070	2.40
9954	1428.46	29.96	0.23	0.21	0.007	0.294	0.000	0.00	0.006	0.21
9955	719.49	1.29	0.74	0.50	0.001	0.359	0.000	0.00	0.015	0.50
9956	429.58	3.58	0.14	0.02	0.001	0.009	0.000	0.00	0.001	0.02
9957	1236.61	10.41	0.07	0.09	0.001	0.110	0.000	0.00	0.003	0.09
9958	412.25	3.01	0.02	0.02	0.000	0.008	0.000	0.00	0.001	0.02
9959	599.34	28.80	1.02	1.01	0.029	0.576	0.001	0.05	0.029	1.01
9960	1158.98	5.48	0.04	0.04	0.000	0.046	0.000	0.00	0.001	0.04
9976	961.16	27.46	2.88	2.78	0.079	2.596	0.002	0.08	0.081	2.78

The above samples were pulverized using a ring mill and assayed using a 1 A.T. portion.

Certified by G. Labrie

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUEBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
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CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

FREEWEST RESOURCES INC.

PN-15000

N° 63951

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUEBEC): January 31, 19 95

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 60 Au

Sample #	Au oz/ton	Sample #	Au oz/ton
39501	Trace	39536	0.022
39502	Trace	39537	0.003
39503	Trace	39538	0.069
39504	Trace	39539	0.042
39505	Trace	39540	0.094
39506	Trace	39541	0.121
39507	Trace	39542	0.017
39508	Trace	39543	Trace
39509	Trace	39544	0.058
39510	Trace	39545	0.005
39511	0.001	39546	0.003
39512	Trace	39547	Trace
39513	Trace	39548	0.001
39514	Trace	39549	Trace
39515	0.001	39550	Trace
39516	0.001	39551	0.006
39517	0.002	39552	Trace
39518	Trace	39553	Trace
39519	Trace	39554	Trace
39520	Trace	39555	Trace
39521	Trace	39556	Trace
39522	Trace	39557	0.003
39523	Trace	39558	Trace
39524	Trace	39559	Trace
39525	0.001	39560	Trace
39526	Trace		
39527	Trace		
39528	Trace		
39529	0.001		
39530	0.011		
39531	0.002		
39532	0.035		
39533	0.084		
39534	0.037		
39535	0.003		

ANALYSTE / ASSAYER

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FREEWEST RESOURCES INC.

PN-15000

N° 63962

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUEBEC): February 1, 19 95

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 55 Au

Sample No.	Au ppb	Au oz/ton	Sample No.	Au ppb	Au oz/ton
39561	N.D.	Nil	39596	10	Nil
39562	120	0.003	39597	N.D.	Nil
39563	N.D.	Nil	39598	N.D.	Nil
39564	5	Nil	39599	N.D.	Nil
*39565	>1000	>0.029	39600	N.D.	Nil
39566	N.D.	Nil	39601	N.D.	Nil
39567	N.D.	Nil	39602	N.D.	Nil
39568	N.D.	Nil	39603	N.D.	Nil
39569	10	Nil	39604	N.D.	Nil
39570	N.D.	Nil	39605	N.D.	Nil
39571	N.D.	Nil	39606	N.D.	Nil
39572	10	Nil	39607	20	0.001
39573	N.D.	Nil	39608	N.D.	Nil
39574	N.D.	Nil	39609	N.D.	Nil
39575	N.D.	Nil	39610	N.D.	Nil
39576	80	0.002	39611	20	0.001
39577	40	0.001			
39578	30	0.001			
*39579	>1000	>0.029	*39565	1020	0.030
39580	70	0.002	*69579	1740	0.051
			*39581	14200	0.414
*39581	>1000	>0.029	*39588	5530	0.161
39582	960	0.028	*39590	2360	0.069
39583	10	Nil			
39584	30	0.001			
39585	420	0.012			
39586	10	Nil			
39587	50	0.001			
*39588	>1000	>0.029			
39589	20	0.001			
*39590	>1000	>0.029			
39591	60	0.002			
39593	N.D.	Nil			
39594	5	Nil			
39595	N.D.	Nil			

N.D. veut dire moins que 5 ppb.
N.D. means less than 5 ppb.

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
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FREEWEST RESOURCES INC.

PN-15000

N° 63974

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUÉBEC): February 3, 19 95

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 33 Au

Sample No.	Au ppb	Au oz/ton
39592	N.D.	Nil
39612	300	0.009
39613	70	0.002
39614	30	0.001
39615	20	0.001
39616	N.D.	Nil
39617	N.D.	Nil
39618	10	Nil
39619	N.D.	Nil
39620	N.D.	Nil
39621	N.D.	Nil
39622	N.D.	Nil
39623	40	0.001
39624	20	0.001
39625	N.D.	Nil
39626	N.D.	Nil
39627	N.D.	Nil
39628	N.D.	Nil
39629	N.D.	Nil
39630	N.D.	Nil
39631	N.D.	Nil
39632	N.D.	Nil
39633	N.D.	Nil
39634	N.D.	Nil
39635	N.D.	Nil
39636	20	0.001
39637	20	0.001
39638	20	0.001
39639	N.D.	Nil
39640	N.D.	Nil
39641	N.D.	Nil
39642	N.D.	Nil
39643	N.D.	Nil

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUEBEC) J9P 4P5 TEL.: (819) 824-4337
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FREEWEST RESOURCES INC.

PN-15000

N° 63978

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUEBEC): February 3, 19 95

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 20 Au
1 Au

Sample No.	Au ppb	Au oz/ton
39644	N.D.	Nil
39645	N.D.	Nil
39646	N.D.	Nil
39647	10	Nil
39648	170	0.005
39649	N.D.	Nil
39650	10	Nil
39651	420	0.012
39652	60	0.002
39653	890	0.026
39654	940	0.027
*39655	>1000	>0.029
39656	140	0.004
39657	10	Nil
39658	N.D.	Nil
39659	10	Nil
39660	450	0.013
39661	N.D.	Nil
39662	N.D.	Nil
39663	20	0.001
*39655	5000	0.146

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

> = plus que .
> = more than .

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUEBEC) J9P 4P5 TÉL.: (819) 824-4337
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LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
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CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

FREEWEST RESOURCES INC.

PN-15000

N° 63991

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUÉBEC): February 7, 19 95

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 6 Au

Sample No.	Au ppb	Au oz/ton
39664	N.D.	Nil
39665	20	0.001
39666	80	0.002
39667	N.D.	Nil
39668	N.D.	Nil
39669	20	0.001

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

FREEWEST RESOURCES INC.

PN-15000

N° 63998

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUÉBEC): February 8, 19 95

REÇU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 56 Au
1 Au

Sample No.	Au ppb	Au oz/ton	Sample No.	Au ppb	Au oz/ton
39670	N.D.	Nil	39700	10	Nil
39671	N.D.	Nil	*39701	>1000	>0.029
39672	N.D.	Nil	39702	630	0.018
39673	5	Nil	39703	5	Nil
39674	N.D.	Nil	39704	N.D.	Nil
39675	N.D.	Nil	39705	N.D.	Nil
39676	N.D.	Nil	39706	40	0.001
39677	20	0.001	39707	N.D.	Nil
39678	20	0.001	39708	N.D.	Nil
39679	N.D.	Nil	39709	N.D.	Nil
39680	N.D.	Nil	39710	N.D.	Nil
39681	N.D.	Nil	39711	N.D.	Nil
39682	N.D.	Nil	39712	N.D.	Nil
39683	70	0.002	39713	N.D.	Nil
39684	110	0.003	39714	N.D.	Nil
39685	340	0.010	39715	N.D.	Nil
39686	10	Nil	39716	N.D.	Nil
39687	10	Nil	39717	N.D.	Nil
39688	220	0.006	39718	50	0.001
39689	30	0.001	39719	60	0.002
39690	970	0.028	39720	N.D.	Nil
39691	10	Nil	39721	N.D.	Nil
39692	N.D.	Nil	39722	N.D.	Nil
39693	N.D.	Nil	39723	N.D.	Nil
39694	N.D.	Nil	39724	N.D.	Nil
39695	N.D.	Nil	39725	N.D.	Nil
39696	N.D.	Nil			
39697	N.D.	Nil			
39698	N.D.	Nil	*39701	1460	0.043
39699	N.D.	Nil			

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

> = plus que.
> = greater than.

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUEBEC) J9P 4P5 TÉL.: (819) 824-4337
FAX: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
BOURLAMAQUE ASSAY LABORATORIES LTD.

FREEWEST RESOURCES INC.

PN-15000

ECHANTILLONS / SAMPLES: Core/Carotte

REÇU DE / RECEIVED FROM: Mark Fekete

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

N° 64017

VAL D'OR (QUEBEC) February 10, 19 95

ANALYSES / ASSAYS: 22 Au

Sample No.	Au ppb	Au oz/ton
39726	10	Nil
39727	N.D.	Nil
39728	N.D.	Nil
39729	N.D.	Nil
39730	N.D.	Nil
39731	N.D.	Nil
39732	210	0.006
39733	N.D.	Nil
39734	N.D.	Nil
39735	N.D.	Nil
39736	150	0.004
39737	N.D.	Nil
39738	40	0.001
39739	N.D.	Nil
39740	N.D.	Nil
39741	530	0.015
39742	N.D.	Nil
39743	N.D.	Nil
39744	N.D.	Nil
39745	70	0.002
39746	10	Nil
39747	10	Nil

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

ANALYSTE / ASSAYER
Linda D. Melnbardis

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUÉBEC) J9P 4P5 TEL.: (819) 824-4337
FAX: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

FREEWEST RESOURCES INC.

PN-15000

N° 64024

ECHANTILLONS / SAMPLES: Core/Carotte

VAL D'OR (QUEBEC): February 14, 19 95

RECU DE / RECEIVED FROM: Mark Fekete

ANALYSES / ASSAYS: 29 Au

Sample No.	Au ppb	Au oz/ton
39748	N.D.	Nil
39749	N.D.	Nil
39750	N.D.	Nil
39751	N.D.	Nil
39752	N.D.	Nil
39753	N.D.	Nil
39754	20	0.001
39755	N.D.	Nil
39756	N.D.	Nil
39757	N.D.	Nil
39758	N.D.	Nil
39759	N.D.	Nil
39760	N.D.	Nil
39761	N.D.	Nil
39762	N.D.	Nil
39763	240	0.007
39764	N.D.	Nil
39765	10	Nil
39766	N.D.	Nil
39767	N.D.	Nil
39768	70	0.002
39769	10	Nil
39770	20	0.001
39771	40	0.001
39772	100	0.003
39773	N.D.	Nil
39774	20	0.001
39775	20	0.001
39776	10	Nil

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

ANALYSTE / ASSAYER

C.P. / P.O. 550 148, AVENUE PERREAULT VAL D'OR (QUEBEC) J9P 4P5 TEL.: (819) 824-4337
FAX: (819) 824-4745

LABORATOIRE D'ANALYSE BOURLAMAQUE LTÉE
BOURLAMAQUE ASSAY LABORATORIES LTD.

CERTIFICAT D'ANALYSES
CERTIFICATE OF ANALYSIS

FREEWEST RESOURCES INC.

PN-15000

N° 64027

ECHANTILLONS / SAMPLES: Core/Carotte

RECU DE / RECEIVED FROM: Mark Fekete

VAL D'OR (QUEBEC): February 14, 19 95

ANALYSES / ASSAYS: 24 Au

Sample No.	Au ppb	Au oz/ton
39777	N.D.	Nil
39778	N.D.	Nil
39779	N.D.	Nil
39780	10	Nil
39781	N.D.	Nil
39782	N.D.	Nil
39783	N.D.	Nil
39784	N.D.	Nil
39785	N.D.	Nil
39786	N.D.	Nil
39787	N.D.	Nil
39788	N.D.	Nil
39789	N.D.	Nil
39790	N.D.	Nil
39791	N.D.	Nil
39792	N.D.	Nil
39793	N.D.	Nil
39794	N.D.	Nil
39795	N.D.	Nil
39796	N.D.	Nil
39797	N.D.	Nil
39798	10	Nil
39799	N.D.	Nil
39800	N.D.	Nil

Pour Au N.D. veut dire moins que 5 ppb.
For Au N.D. means less than 5 ppb.

ANALYSTE / ASSAYER

Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Metallic Assay Certificate

5W-0417-RM1

Company: **FREEWEST RESOURCES CANADA INC** Date: FEB-23-95

Project: 15000

Attn: M. Fekete / M. Watson

We hereby certify the following Metallic Assay of 66 Pulp & Reject samples submitted FEB-02-95 by .

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value Au +100(g/t)	Assay Value Au -100(g/t)	Total Weight Au +100(mg)	Total Weight Au -100(mg)	Metallic Au (oz/ton)	Metallic Au (g/t)	Net Au (oz/ton)	Net Au (g/t)
39518	1642.16	1.66	0.18	0.01	0.000	0.016	0.000	0.00	0.000	0.01
39519	1131.63	32.03	0.02	0.02	0.001	0.022	0.000	0.00	0.001	0.02
39520	1094.99	5.69	0.03	0.01	0.000	0.011	0.000	0.00	0.000	0.01
39521	2108.83	9.83	0.02	0.01	0.000	0.021	0.000	0.00	0.000	0.01
39522	1601.79	12.69	0.01	0.01	0.000	0.016	0.000	0.00	0.000	0.01
39523	2360.24	15.34	0.01	0.01	0.000	0.023	0.000	0.00	0.000	0.01
39524	1063.42	61.12	0.01	0.01	0.001	0.010	0.000	0.00	0.000	0.01
39525	1520.21	38.51	0.01	0.01	0.000	0.015	0.000	0.00	0.000	0.01
39526	1827.21	3.21	0.02	0.01	0.000	0.018	0.000	0.00	0.000	0.01
39527	1216.01	23.51	0.01	0.02	0.000	0.024	0.000	0.00	0.001	0.02
39528	920.07	5.67	0.05	0.04	0.000	0.037	0.000	0.00	0.001	0.04
39529	820.27	16.67	0.04	0.07	0.001	0.056	0.000	0.00	0.002	0.07
39530	1270.10	20.10	0.35	0.43	0.007	0.537	0.000	0.01	0.013	0.43
39531	997.38	12.48	0.11	0.08	0.001	0.079	0.000	0.00	0.002	0.08
39532	1195.12	8.52	0.78	1.22	0.007	1.448	0.000	0.01	0.035	1.22
39533	1065.93	13.93	2.58	3.03	0.036	3.188	0.001	0.03	0.088	3.02
39534	1036.54	4.44	1.10	1.38	0.005	1.424	0.000	0.00	0.040	1.38
39535	691.04	7.54	0.31	0.22	0.002	0.150	0.000	0.00	0.006	0.22
39536	891.15	4.75	0.82	0.83	0.004	0.736	0.000	0.00	0.024	0.83
39537	889.37	11.87	0.09	0.20	0.001	0.175	0.000	0.00	0.006	0.20
39538	930.26	5.46	2.36	2.25	0.013	2.081	0.000	0.01	0.066	2.25
39539	912.44	3.24	0.93	2.30	0.003	2.091	0.000	0.00	0.067	2.30
39540	922.42	2.92	1.71	3.15	0.005	2.896	0.000	0.01	0.092	3.15
39541	1169.80	7.00	1.87	4.22	0.013	4.907	0.000	0.01	0.123	4.21
39542	1522.73	4.33	0.38	0.74	0.002	1.124	0.000	0.00	0.022	0.74
39543	603.05	9.95	0.01	0.01	0.000	0.006	0.000	0.00	0.000	0.01
39544	977.56	5.86	1.32	1.75	0.008	1.700	0.000	0.01	0.051	1.75
39545	1926.55	5.25	0.09	0.08	0.000	0.154	0.000	0.00	0.002	0.08
39546	971.92	32.42	0.03	0.06	0.001	0.056	0.000	0.00	0.002	0.06
39547	1817.99	18.99	0.01	0.01	0.000	0.018	0.000	0.00	0.000	0.01

The above samples were pulverized using a ring mill. A 1 A.T. portion was used for the -100 mesh fraction.

Certified by _____

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705) 642-3300

Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Metallic Assay Certificate

5W-0417-RM1

Company: **FREEWEST RESOURCES CANADA INC**
Project: 15000
Attn: M. Fekete / M. Watson

Date: FEB-23-95

We hereby certify the following Metallic Assay of 66 Pulp & Reject samples submitted FEB-02-95 by .

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value Au +100(g/t)	Assay Value Au -100(g/t)	Total Weight Au +100(mg)	Total Weight Au -100(mg)	Metallic Au (oz/ton)	Metallic Au (g/t)	Net Au (oz/ton)	Net Au (g/t)
39548	2249.63	17.23	0.01	0.01	0.000	0.022	0.000	0.00	0.000	0.01
39549	2747.36	34.96	0.01	0.01	0.000	0.027	0.000	0.00	0.000	0.01
39550	1214.30	17.70	0.01	0.01	0.000	0.012	0.000	0.00	0.000	0.01
39551	1257.43	31.53	0.01	0.01	0.000	0.012	0.000	0.00	0.000	0.01
39552	652.07	15.07	0.01	0.01	0.000	0.006	0.000	0.00	0.000	0.01
39553	1887.32	32.42	0.01	0.01	0.000	0.019	0.000	0.00	0.000	0.01
39554	1810.44	1.64	0.01	0.01	0.000	0.018	0.000	0.00	0.000	0.01
39555	1901.79	33.99	0.01	0.01	0.000	0.019	0.000	0.00	0.000	0.01
39570	1809.82	19.02	0.01	0.01	0.000	0.018	0.000	0.00	0.000	0.01
39571	1143.74	26.14	0.01	0.01	0.000	0.011	0.000	0.00	0.000	0.01
39572	2126.45	1.35	0.04	0.02	0.000	0.043	0.000	0.00	0.001	0.02
39573	1541.63	25.33	0.01	0.01	0.000	0.015	0.000	0.00	0.000	0.01
39574	1904.53	1.73	0.06	0.01	0.000	0.019	0.000	0.00	0.000	0.01
39575	1030.98	32.88	0.01	0.01	0.000	0.010	0.000	0.00	0.000	0.01
39576	1484.33	1.93	0.03	0.04	0.000	0.059	0.000	0.00	0.001	0.04
39577	982.59	26.49	0.02	0.01	0.001	0.010	0.000	0.00	0.000	0.01
39578	1532.40	18.70	0.03	0.03	0.001	0.045	0.000	0.00	0.001	0.03
39579	1785.26	8.16	0.62	2.10	0.005	3.732	0.000	0.00	0.061	2.09
39580	568.99	3.89	0.03	0.08	0.000	0.045	0.000	0.00	0.002	0.08
39581	1357.17	18.97	27.83	13.75	0.528	18.400	0.011	0.39	0.407	13.95
39582	1911.05	4.05	0.60	0.88	0.002	1.678	0.000	0.00	0.026	0.88
39583	545.13	6.03	0.01	0.03	0.000	0.016	0.000	0.00	0.001	0.03
39584	1202.83	7.13	0.04	0.04	0.000	0.048	0.000	0.00	0.001	0.04
39585	935.86	6.86	0.31	0.48	0.002	0.446	0.000	0.00	0.014	0.48
39586	1273.08	31.28	0.02	0.03	0.001	0.037	0.000	0.00	0.001	0.03
39587	1102.46	21.16	0.04	0.06	0.001	0.065	0.000	0.00	0.002	0.06
39588	1831.00	30.40	7.83	5.86	0.238	10.552	0.004	0.13	0.172	5.89
39589	357.23	8.73	0.06	0.05	0.001	0.017	0.000	0.00	0.001	0.05
39590	1650.61	14.21	1.34	2.47	0.019	4.042	0.000	0.01	0.072	2.46
39591	1002.31	11.51	0.23	0.12	0.003	0.119	0.000	0.00	0.004	0.12

The above samples were pulverized using a ring mill. A 1 A.T. portion was used for the -100 mesh fraction.

Certified by G. Leb

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Established 1928

Swastika Laboratories

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Assaying - Consulting - Representation

Metallic Assay Certificate

5W-0417-RM1

Company: **FREEWEST RESOURCES CANADA INC**

Date: FEB-23-95

Project: 15000

Attn: M. Fekete / M. Watson

We hereby certify the following Metallic Assay of 66 Pulp & Reject samples submitted FEB-02-95 by .

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value Au +100(g/t)	Assay Value Au -100(g/t)	Total Weight Au +100(mg)	Total Weight Au -100(mg)	Metallic Au (oz/ton)	Metallic Au (g/t)	Net Au (oz/ton)	Net Au (g/t)
39592 Not Rec'd	-	-	-	-						
39593	1645.54	6.94	0.01	0.01	0.000	0.016	0.000	0.00	0.000	0.01
39594	2443.43	32.13	0.01	0.01	0.000	0.024	0.000	0.00	0.000	0.01
39595	1858.56	37.66	0.01	0.04	0.000	0.073	0.000	0.00	0.001	0.04
39596	738.49	26.79	0.02	0.02	0.001	0.014	0.000	0.00	0.001	0.02
39597	1249.64	22.54	0.01	0.01	0.000	0.012	0.000	0.00	0.000	0.01
39598	2145.71	17.81	0.01	0.02	0.000	0.043	0.000	0.00	0.001	0.02

The above samples were pulverized using a ring mill. A 1 A.T. portion was used for the -100 mesh fraction.

Certified by G. Fabri

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244 FAX (705)642-3300

wt avg calculations VP94-49

sample	from	to	width	No. 1 g/t	No. 1 m*g/t	No. 2 g/t	No. 2 m*g/t
9721	62.35	62.80	0.45	0.50	0.23	0.65	0.29
9722	62.80	63.50	0.70	5.66	3.96	5.93	4.15
9562	63.50	63.75	0.25	0.01	0.00	0.04	0.01
9723	63.75	64.80	1.05	7.26	7.62	8.50	8.93
			2.45		11.81		13.38

from	to						
62.35	64.80	2.45	m @	4.8	g/t Au	5.5	g/t Au
204.56	212.60	8.04	ft @	0.141	opt Au	0.160	opt Au

No. 1	Bourlamaque	Fire w/ gravimetric finish
No. 2	Swastika	Pulp metallics

wt avg calculations VP94-54 No. 1 No. 2

sample	from	to	width	g/t	m*g/t	g/t	m*g/t
9946	103.60	104.10	0.50	0.73	0.37	0.80	0.40
9976	104.10	104.60	0.50	2.60	1.30	2.78	1.39
9947	104.60	105.10	0.50	3.16	1.58	3.34	1.67
9948	105.10	105.60	0.50	13.23	6.62	13.02	6.51
9949	105.60	106.10	0.50	1.83	0.92	2.09	1.05
9950	106.10	106.60	0.50	8.00	4.00	8.57	4.29
9951	106.60	107.10	0.50	10.30	5.15	11.66	5.83
9952	107.10	107.60	0.50	2.50	1.25	3.08	1.54
9953	107.60	108.20	0.60	2.26	1.36	2.40	1.44
			4.60		22.53		24.11

from	to						
103.60	108.20	4.60	m @	4.90	g/t Au	5.24	g/t Au
339.90	354.99	15.09	ft @	0.143	opt Au	0.153	opt Au

No. 1 Bourlamaque Fire w/ gravimetric finish
No. 2 Swastika Pulp metallics

wt avg calculations VP95-55

sample	from	to	width	No.1 g/t	No.1 m*g/t	No.2 g/t	No.2 m*g/t
39529	132.80	133.20	0.40	0.034	0.01	0.070	0.03
39530	133.20	133.80	0.60	0.376	0.23	0.430	0.26
39531	133.80	134.30	0.50	0.068	0.03	0.080	0.04
39532	134.30	134.90	0.60	1.107	0.66	1.220	0.73
39533	134.90	135.40	0.50	2.874	1.44	3.020	1.51
39534	135.40	136.10	0.70	1.266	0.89	1.380	0.97
39535	136.10	136.40	0.30	0.103	0.03	0.220	0.07
39536	136.40	136.90	0.50	0.753	0.38	0.830	0.42
39537	136.90	137.40	0.50	0.108	0.05	0.200	0.10
39538	137.40	137.90	0.50	2.361	1.18	2.250	1.13
39539	137.90	138.40	0.50	1.437	0.72	2.300	1.15
39540	138.40	138.90	0.50	3.216	1.61	3.150	1.58
39541	138.90	139.40	0.50	1.139	0.57	4.210	2.11
39542	139.40	140.20	0.80	0.582	0.47	0.740	0.59
39543	140.20	140.50	0.30	0.000	0.00	0.010	0.00
39544	140.50	141.00	0.50	1.984	0.99	1.750	0.88
39545	141.00	142.00	1.00	0.171	0.17	0.080	0.08
39546	142.00	142.60	0.60	0.108	0.06	0.060	0.04
			2.00		4.08		5.96

from	to						
137.40	139.40	2.00	m @	2.04	g/t Au	2.98	g/t Au
450.79	457.35	6.56	ft @	0.060	opt Au	0.087	opt Au

No.1	Boulamaque Labs	Fire assay with gravimetric finish
No.2	Swastika Labs	Pulp metallics

wt avg calculations VP95-56

sample	from	to	width	No.1 g/t	No.1 m*g/t	No.2 g/t	No.2 m*g/t
39579	162.80	163.60	0.80	1.740	1.39	2.090	1.67
39580	163.60	163.90	0.30	0.070	0.02	0.080	0.02
39581	163.90	164.60	0.70	14.200	9.94	13.950	9.77
39582	164.60	165.50	0.90	0.960	0.86	0.880	0.79
39583	165.50	165.80	0.30	0.010	0.00	0.030	0.01
39584	165.80	166.30	0.50	0.030	0.02	0.040	0.02
39585	166.30	166.80	0.50	0.420	0.21	0.480	0.24
39586	166.80	167.40	0.60	0.010	0.01	0.030	0.02
39587	167.40	168.00	0.60	0.050	0.03	0.060	0.04
39588	168.00	168.90	0.90	5.530	4.98	5.890	5.30
39589	168.90	169.10	0.20	0.200	0.04	0.050	0.01
39590	169.10	170.10	1.00	2.360	2.36	2.360	2.36
			5.00		16.05		16.18

from	to						
163.90	168.90	5.00	m @	3.21	g/t Au	3.24	g/t Au
537.73	554.13	16.40	ft @	0.094	opt Au	0.095	opt Au

No.1	Boulamaque Labs	Fire assay with gravimetric finish
No.2	Swastika Labs	Pulp metallics

wt avg calculations VP95-58

				No. 1		No.2	
sample	from	to	width	g/t	m*g/t	g/t	m*g/t
39651	118.30	119.10	0.80	0.42	0.34	n/a	n/a
39652	119.10	120.10	1.00	0.06	0.06		
39653	120.10	121.10	1.00	0.89	0.89		
39654	121.10	122.00	0.90	0.94	0.85		
39655	122.00	122.30	0.30	5.00	1.50		
39656	122.30	122.80	0.50	0.14	0.07		
			1.20		2.35		
from	to						
121.10	122.30	1.20	m @	1.96	g/t Au		
397.31	401.25	3.94	ft @	0.057	opt Au		

No.1 Bourlamaque Labs Fire assay with a.a. finish
No.2 n/a

APPENDIX 4

DDH Highlights From Previous Workers

Midrim Mining Co. - DDH V-1, 1956

From	To	Width (feet)	Au (opt)
-	58.0	-	no sample
58.0	59.0	1.0	0.04
59.0	62.5	3.5	no sample
62.5	65.5	2.5	0.02
65.5	67.5	2.0	nil
75.0	77.0	2.0	nil
77.0	82.0	5.0	0.15
82.0	83.5	1.5	0.01
83.5	87.0	3.5	0.07
87.0	89.0	2.0	no sample
89.0	90.0	1.0	0.01
90.0	92.0	-	no sample
-	140.0	-	no sample
140.0	142.0	2.0	0.27
142.0	146.0	4.0	no sample
146.0	147.0	1.0	0.13
147.0	463.5	-	no sample
463.5	468.5	5.0	nil
468.5	469.0	1.1	2.28
469.0	427.1	2.5	0.01

Parnor Exploration Ltd. - DDH P-86-2

From	To	Width (feet)	Au (opt)
81.5	84.1	2.6	no sample
84.1	85.1	1.0	0.08
85.1	92.0	6.9	no sample
92.0	93.0	1.0	0.02
93.0	94.0	1.0	trace
94.0	95.3	1.3	no sample
95.3	96.3	1.0	0.02
96.3	98.6	2.3	no sample
98.6	99.6	1.0	0.12
99.6	100.6	1.0	0.02
100.6	101.6	1.0	0.02
101.6	102.7	1.1	no sample

Parnor Exploration Ltd. - DDH P-86-3

From	To	Width (feet)	Au (opt)
88.9	89.9	1.0	trace
89.9	90.9	1.0	0.04
90.9	91.9	1.0	0.03
91.9	92.9	1.0	0.06
92.9	93.9	1.0	0.13
93.9	94.9	1.0	0.07
94.9	95.9	1.0	0.02
95.9	96.9	1.0	trace

APPENDIX 5

Quantec Consulting Ltd.,
"Real Section IP Documentation

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Procedure and Advantages of Gradient "Realsection" Array

The gradient "Realsection" Induced Polarization/Resistivity array has been developed by Dr. Perparim Alikaj from the Polytechnic University of Tirana, Albania, with the assistance of Mr Dennis Morrison. The "Realsection" array combines vertical electric sounding (VES), and lateral profiling based on the gradient array which is in turn derived from the schlumberger array. The data are presented in two dimensional sections of both the resistivity and chargeability. Through theoretical and physical modelling, and field investigations, Dr. Alikaj developed theoretical coefficients for the depth of investigation of the array (for specific parameters) and found that, in comparison to traditional pole-dipole and dipole-dipole arrays, the "Realsection" array provided greater depth of investigation, independant of the lateral spatial resolution. The independence of these characteristics in the "Realsection" array make possible the detection of smaller targets at greater depths. The theoretical depth penetration can be further refined by geological input (eg. drill hole information) for each specific survey application.

Field procedures for the "Realsection" array are somewhat different than those for the more well known pole-dipole and dipole-dipole arrays. Basic coverage is accomplished using large current electrode separations designed based on the maximum desired depth of investigation. Several grid lines are surveyed with each current dipole. Plan maps of these results are prepared in the field allowing identification of significant features (anomalies) for follow-up using progressively smaller current dipoles for vertical resolution and orientation information, which results are presented as "Realsections". Anomalies resolved in realsections can be prioritized and directly targetted for drilling.

Advantages

i) Improved resolution of anomlies
ii) Better depth penetration
iii) Faster coverage of the survey grid so that budget may be expended on developing drill or trenching targets.
iv) Information on dip and depth to source
v) Data presentaion more directly relate able to geologic sections.
vi) Less time and energy required to prepare current electrodes, as fewer current electrodes are used.

Disadvantages

i) Higher powered transmitter systems (eg. 7.5 kW vs. 2.5 kW) are generally required to ensure adequate signal strength.
ii) Geologic features large relative to the geometric scale of the array can cause base response shifts for particular current dipoles.

APPENDIX 6

Exploration Proposal - Cost Estimate

Exploration Proposal - Cost Estimate

Item	Period		Rate	Cost	Totals
Trenching					
Excavator	5	days @	$1,000.00 /day	$5,000.00	
Pumps, plugger	5	days @	$500.00 /day	$2,500.00	
Labour	5	days @	$500.00 /day	$2,500.00	
Geologist	10	days @	$250.00 /day	$2,500.00	
Samples	100	samples @	$15.00 /sample	$1,500.00	
Food and lodging			flat	$1,000.00	
Truck and gas			flat	$500.00	
Report, drafting			flat	$1,500.00	
Permits			flat	$500.00	
Total trenching					$17,500.00
IP survey	10	days @	$1,500.00 /day	$15,000.00	
Geologist	2	days @	$250.00 /day	$500.00	
Total I.P.					$15,500.00
Subtotal					$33,000.00
+15% contingency and administration					$4,950.00
Total estimated cost					**$37,950.00**

GEOLOGICAL LEGEND

GEOLOGY
(Archean Abitibi Subprovince)

INTRUSIVE ROCKS

- 1x Felsic Intrusive
- 1G Granite
- 2D Diorite
- 3G Gabbro
- 3D Diabase
- 2L Lamprophyre
- QFP Quartz feldspar porphyry

VOLCANIC ROCKS

- V2 Rhyolite
- V3 Rhyodacite
- V4 Dacite
- V6 Andesite
- V7 Basalt
- V9 Tuff a) Felsic, b) int., c) mafic
- V10 Agglomerate

MINERALIZED ZONE

- MSZ Midrim Shear Zone

TEXTURES

ch	cherty	o	vesicular
x	crystal	⌓	pillowed
l	lapilli	⊡	porphyritic
M	sheared	⟋	F1 foliation
≠	brecciated	⟋	F2 foliation
//	interlayered	∫∫	sheared
↑	injection of	△	flow
▽	block		

ALTERATION

ank+	ankerite	gph+	graphite
bio+	biotite	hm+	hematite
ca+	carbonate	se+	sericite
chl+	chlorite	si+	silica
ep+	epidote	( )	local

s, m, w strong, medium, weak

MINERALS

ank	ankerite	po	pyrrhotite
ca	calcite	py	pyrite
carb	carbonate	qtz	quartz
cpy	chalcopyrite	sph	sphalerite
ga	galena	sx	sulphides
gph	graphite	tour	tourmaline
mag	magnetite	vg	visible gold

DRILL SECTION LEGEND