GM 44034

EXPLORATION PROPOSAL FOR THE CASA BERARDI PROPERTY

Documents complémentaires

Additional Files



Licence

License

Cette première page a été ajoutée
au document et ne fait pas partie du
rapport tel que soumis par les auteurs.

Énergie et Ressources naturelles
Québec

SEPTEMBER, 1986

EXPLORATION PROPOSAL FOR: THE CASA BERARDI PROPERTY NORTHWESTERN QUEBEC

YORBEAU RESOURCES INC.

Ministère de l'Énergie et des Ressources
Service de la Géoinformation
Date: 11 MARS 1987
No G.M. 44034

ÉNERGIE ET RESSOURCES - SECTEUR MINES
REÇU
1986 DEC22
BUREAU RÉGIONAL
MONTRÉAL

Prepared by
Winfried Brack, Ph.D

TABLE OF CONTENTS

Page

Summary (i)

1.0 Introduction

1.1 Scope of report.....1
1.2 Property description.....1
1.3 Previous work.....1
1.3.1 Local area.....1
1.3.2 West Block and East Block.....2

2.0 Conclusion and Recommendation.....3

3.0 Proposed Exploration Program and Projected Expenditures....3

4.0 Exploration Targets

4.1 West Block.....5
4.2 East Block.....5

5.0 Geology

5.1 Geology of the property
5.1.1 West Block.....5
5.1.2 East Block.....6

5.2 Regional
5.2.1 Description.....6
5.2.2 Mineralization.....6
5.2.3 Comparison to Golden Pond deposits.....6

References

LIST OF TABLES

Table 1 Summary of gold deposits in the N.W. Abitibi Greenstone Belt

LIST OF MAPS

Map 1 Casa Berardi Gold Area, Northwestern Quebec

2 Northeast Casa Berardi Area, Geological Compilation Map

3 Casa Berardi Area, Geological Model

APPENDICIES

Appendix 1 List of holdings: West Block and East Block

SUMMARY

The **YORBEAU RESOURCES INC. (YORBEAU) Casa Berardi** property consists of two claim blocks; the West Block (166 claims) Beschefer and Orvilliers Twps. and the East Block (65 claims) Beschefer and Bapst Twps. located 48 kilometres from the Ontario-Quebec border and 35 kilometres northeast of the Golden Knight Resources Inc., Inco Limited, Teck Corporation Golden Pond gold deposit within the Abitibi greenstone belt in northwestern Quebec.

The recent gold discoveries at the Golden Pond, Golden Hope and the Fairfax properties have resulted in the re-examination of the metavolcanic and metasedimentary rocks of the entire north Abitibi belt. The Casa Berardi property holds excellent potential for a similar deposit.

The West Block and the East Block lie at the southern rim of the Brouillan Pluton and are underlain by east-west trending sediments and iron formation in contact with volcanic flows and tuffs. A geological structure similar to the Golden Pond deposit is possible. This is enhanced by the discovery of significant gold values reported in basal till from the area adjacent to the East Block Casa Berardi property.

A two-phase exploration program of $1,000,000 is proposed. Phase I consisting of airborne and ground geophysics is allocated $500,000. Phase II consisting predominantly of diamond drilling which will be contingent upon the results of Phase I is allocated $500,000.

1.0 INTRODUCTION

1.1 Scope of report

This report presents a comprehensive outline of the geology, an evaluation of this information and describes a proposed two-phase exploration program complete with budget on the Casa Berardi property in northwestern Quebec for **YORBEAU RESOURCES INC. (YORBEAU).**

Information was compiled from the Ministère de l'Energie et des Ressources, research and personal communications.

1.2 Property description

YORBEAU has a 100% interest in two claim blocks known as the West Block and the East Block located in Beschefer, Orvilliers and Bapts Townships, Quebec (Maps 1 and 2). A list of claim holdings covering these two claim groups is found in Appendix 1.

The West Block consists of 166 claims covering an area of 2,656 hectares located within the southwest corner of Beschefer and the northwest corner of Orvilliers Township. The claims are situated 48 kilometres from the Quebec - Ontario border and 35 kilometres northeast of Golden Knight Resources Inc. and Inco Limited and Teck Corporation's Golden Pond gold deposits. Refer to Maps 1 and 2.

The East Block consists of 65 claims covering an area of 1,040 hectares on both sides of, and approximately 3 kilometres north of the southern border of the Beschefer and Bapst Township line.

The nearest towns are Joutel, located 42 kilometres to the southeast and Matagami located 80 kilometres to the east. The Selbaie Mine is situated 9 kilometres to the northwest of the West Block; 20 kilometres from the East Block.

Access to the properties is most convenient by helicopter from the Selbaie Mine or from Matagami. During the winter, access is possible by snowmobile from the Selbaie-Joutel mine road, approximately 7 kilometres north of the property.

The majority of exploration work should be completed during the winter months because large areas of the claim blocks are covered by swamp.

1.3 Previous work

1.3.1 Local area

The local area has been previously examined for iron and base-metal potential and most recently for gold mineralization. Inaccessibility and lack of rock outcrop were major obstacles in exploring this area. Several base-metal orebodies have been discovered near Matagami, Joutel and the Selbaie Mine, as well as gold-bearing deposits near Joutel (Agnico-Eagle) and Detour Lake (Ontario). Refer to map 2.

One of the major gold discoveries in the area, the Golden Pond deposits (Casa-Berardi Township), was made by Inco Limited and Golden Knight Resources Inc. in 1984. Present ore reserves in the Golden Pond main, west and east ore zones are estimated totalling more than 6M tons grading 0.255 oz/ton Au. Another recent discovery by Teck Corporation, Golden Hope Resources Inc. and Golden Group Exploration Inc., the Golden Hope deposit, (Estrées Township) has resulted in a multi-element orebody of Zn-Cu-Ag-Au approximately 30 kilometres to the east of the Golden Pond deposits.

1.3.2 West Block and East Block

A summary of work done on the property follows:

West Block:

1976-1981: Magnetic and horizontal loop electro magnetic (H.E.M.) surveys were completed by Noranda Inc. with several conductors located. Three diamond drill holes, DDH 75-13, DDH 77-1A and DDH 77-1B were drilled with only trace amounts of gold reported. The most interesting hole, DDH 75-13, located at the north-westerly corner of the block appears to be in a zone of strong shearing with sulphide mineralization, silicification and chloritization within mainly intermediate volcanics and acidic tuffs.

An input survey by Questor Surveys Limited indicated at least three conductive trends:

- a narrow medium to strong conductor at the northern rim of the property, which has a regional extension of over 60 kilometres;

- a wide medium to strong conductor in the north-central part of the property, which has a regional extension of over 55 kilometres;

- a narrow weak to strong conductor in the southwest portion of the property, with a total length of 4 kilometres (2 kilometres within the property).

East Block:

1972-1985 Work consisting of magnetic, electro-magnetic (E-M), H.E.M. surveys as well as diamond drilling and overburden drilling was completed predominantly over the area located south of the property by Noranda Inc., Selco Mining and Minerals (Division of B.P. Canada Inc.) and Fairfax Bay Resources. Traces of gold and silver have been discovered in the Noranda borehole 77-2. Fairfax Bay Resources Inc. discovered anomalous gold values in basal till in 1985.

1974: An E.M. survey was done on the property by Selco Mining and Minerals which located a short, narrow conductor. This was interpreted as a vertical zone. An input survey by Questor Survey Limited indicated one weak discontinous conductive trend.

2.0 CONCLUSION AND RECOMMENDATION

The YORBEAU property possesses excellent potential for gold deposits similar to the recent discoveries in the areas of Casa Berardi, Estrées and Estrades Townships. This is enhanced by the reporting of anomalous gold values obtained from basal till sampling on the adjacent Fairfax Bay Resources Inc. (Fairfax) property.

A two-phase exploration program is recommended: Phase I to locate drill targets; Phase II to evaluate selected drill targets by diamond drilling.

3.0 PROPOSED EXPLORATION PROGRAM AND BUDGET EXPENDITURES

Total expenditure for the proposed exploration program is estimated at $1,000,000; $500,000 allocated to Phase I and $500,000 allocated to Phase II.

The proposed two-phase exploration program and budget can be summarized as follows:

Phase I

WEST BLOCK (Beschefer/Orvilliers Twps.)

1.	Airborne survey (Magnetic, VLF-EM) 468.75 km at $40.	$ 18,750	
2.	Linecutting: N-S gridlines at 200 m. intervals	36,000	
3.	IP survey 1 Mag. 1 H.E.M. 50 km at $1,000.	50,000	
4.	Overburden drilling 2,300 m. at $50	115,000	
5.	Analysis 600 samples at $25.	15,000	
6.	Personnel	10,000	
7.	Transportation	24,000	
8.	Administration/Technical Supervision (10%)	26,875	
	TOTAL	$295,625	295,625
	CONTINGENCY (10%)		29,375
	TOTAL		$ 325,000

EAST BLOCK (Beschefer/Bapst Twps.)

1.	Airborne survey Magnetic, VLF-EM 163.75 km. at $40	$ 6,250	
2.	Linecutting 55 km. at $200	11,000	
3.	IP-survey 1 Mag, 1 H.E.M. 22 km. at $1,000	22,000	
4.	Overburden drilling 1,500 m at $50	75,000	
5.	Analysis 400 samples at $25.	10,000	
6.	Personnel	6,300	
7.	Transportation	14,000	
8.	Administration/technical supervision (10%)	14,450	
	TOTAL	$159,000	159,000
	CONTINGENCY (10%)		16,000
			175,000
	TOTAL FOR PHASE I		$500,000

Diamond drilling program and budget to investigate potential gold-bearing areas delineated by Phase I can be summarized as follows:

Phase II (Combined program WEST BLOCK and EAST BLOCK)

1.	Diamond Drilling 26 holes - 500 feet at $25	$325,000
2.	Analysis 1,200 samples at $25	30,000
3.	Personnel	28,000
4.	Transportation and lodging	31,000
5.	Administration and technical supervision (10%)	41,000
	TOTAL	455,000
	CONTINGENCY (10%)	45,000
	TOTAL FOR PHASE II	$500,000
	TOTAL FOR PHASES I and II	$1,000,000

4.0 EXPLORATION TARGETS

4.1 West Block

Several possibilities for gold mineralization exist on the West Block:

1. At the contact of the lava flows with the sedimentary strata and iron formation; this target may become the most important, should a regional shear or fault zone be established along this contact zone.

2. Within acidic tuff-argillite horizons associated with pyrite and graphite.

3. Within quartz (carbonate, tourmalin pyrite) veins or stockworks resulting from remobilization of gold from the tuff argillite horizons or other sources close to the Brouillan Pluton.

4. Along the northwest-southeast striking diabase dykes.

5. As stratiform gold deposit similar to the Agnico-Eagle mine (Joutel Township).

4.2 East Block

The potential gold-bearing models within this claim group are:

1. Acidic tuff-argillite horizons with associated pyrite and graphite which could be interpreted from magnetic highs and input anomalies.

2. Near the sourthern boundary of the property, which is "up-ice" from the anomalous gold values observed in the basal till samples on the Fairfax property. Refer to map 1.

5.0 GEOLOGY

5.1 Geology of the property

5.1.1 West Block

The contact of the Brouillan Pluton with the mafic and intermediate volcanic lava flows lies close to the property boundaries. At least two tuff-argillite horizons with associated pyrite and graphite are interbedded with lava flows in the northern portion of the property. The southern portion is underlain by lava flows in contact with sedimentary rocks (greywacke) and iron formation. The existence of an east-west shear or fault structure along this contact is possible. The general strike of the rock units is east-west and a steep southerly dip is assumed. A northwest to southeast striking diabase dike offset by a northeast to southwest fault cuts the western portion of the property; five additional faults cut the property in a northwest to southeast direction. Their existence remains to be verified and their possible influence on eventual mineralized occurrences has to be examined. (Refer to map #2).

5.1.2 East Block

Two geological units are identified: a tuff-argillite horizon with pyrite and graphite is interbedded with mafic to intermediate volcanic lava flows. Both trend in an east-west direction. Two faults cut the property; a northeast to southwest fault in the western portion of the property and a northwest to southeast fault in the northeast corner of the property. Refer to map #2.

5.2 **Regional**

5.2.1 Description

The Abitibi belt consists of sequences of steeply dipping synclinal complexes of metasedimentary and pyroclastic rocks, quartzite, greywacke, argillites and iron formation deposited during cycles of volcanogenic activity and sedimentation. Thick piles of basaltic and andesitic lava flows interbedded with tuff were intercalated with sediments which were intruded by large plutons and later deformed. North-south compression led to folding and overthrust faulting with subsequent block faulting creating numerous north-south and northeast to southwest striking tension faults. This north-south and northeast to southwest trend is also the preferred direction of the diabase dikes which were offset during the late precambrian period by northwesterly fault zones.

The **YORBEAU** property is located close to the southern rim of the Brouillan Pluton within the northwestern area of the Abitibi greenstone belt. This intrusion is surrounded by mafic to intermediate volcanic flows intercalated with tuff, graphitic and pyritic sediments. The volcanic flows are in contact with the argillitic sediments and iron formation which, to the south, are in turn in contact with intrusive rocks. This sequence is repeated to the south where it extends into the Casa Berardi area. The recurrence of the same rock sequences may be explained by synclinal and anticlinal structures. These are shown in the geological model, see Map #3.

5.2.2 Mineralization

Gold-bearing mineralization within the northwestern Abitibi greenstone belt occurs in a variety of rock types and environments: syngenetic and epigenetic; stratiform ie. Agnico-Eagle and Detour Lake Mine or discordant ie. Golden pond deposits. The Selbaie Mine and the recently discovered Golden Hope gold deposit are multi-element base-metal deposits with significant amounts of precious metal content. Table 1 compares and summarizes these deposits.

5.2.3 Comparison to Golden Pond deposits

Various genetic models can be applied within the Casa Berardi area. Because detailed geological information describing **YORBEAU**'s West and East blocks is unknown only a regional comparison can be projected. This is shown on the block diagram on Map 3. A mirror image of the geological environment of the Golden Pond deposits is possible.

These deposits are structurally controlled by an east-west striking "break" known as the Casa Berardi Break or "fault zone". Refer to map #3. This break extends approximately 100 kilometres from Ontario to Montgolfier Township. From south to north, the rock sequence is described as: conglomerate, sediments including minor tuff, dacitic flows and graphitic mudstones, agglomerates with minor tuff and sediments, oxide facies, sulphide-iron formation and clastic sediments. Gold-bearing mineralization is found in all rock types with the locus of better mineralization found within the clastic sediments and agglomerates.

Iron carbonate and sericite alteration are ubiquitous. The better mineralization appears to form steeply plunging shoots at acute angles to the bedding in shear or dilatent structures. Quartz veins of varying thicknesses usually show visible gold in direct association with pyrite and arsenopyrite mineralization. The gold probably has been emplaced as a late siliceous sulphide-arsenopyrite mineralization into dilatent and porous areas within the sediments.

In summary, there are reasonable indications to suggest a recurrence of a similar Golden Pond Zone environment and geological structure within the Beschefer, Orvilliers and Bapts Townships. Significant gold values obtained from basal till sampling are reported to occur on the adjacent Fairfax Bay Resources property. Refer to map #3. The existence of a major regional "break" or "fault zone" south of the Brouillan Pluton but north of the Casa Berardi Break is not yet established. Theoretically, a structure such as this would fit well into the regional tectonic pattern. This will be crucial to the application of the Golden Pond - Casa Berardi model.

Winfried Brack, Ph.D.

REFERENCES

Adamcik, H. — Rapport sur la propriété Tebel, Canton Joutel, Québec, Québec, Sept. 1983, File GM41291.

Barnett, E.S. — Geology of the Agnico-Eagle Gold Deposit, Quebec in Precambrian Sulphide Deposits, H.S. Robinson Memorial Volume GAC Special Paper 25, 1982

Bledra, M. — Estrades: A Canadian Kuroko, The Northern Miner Magazine, June 1986, p. 14.

Church, J.F. — Casa Berardi - A case history of successful gold exploration, March 1985.

Descarreaux, J. — Golden Knight Resources Inc. - Report on the Casa Berardi Property, August 1983.

Duptuck, R. — Geology of the Detour Zinc-Copper Deposits, Brouillant Twp., Quebec in Precambrian Sulphide Deposits, H.S. Robinson Memorial Volume GAC Paper 25, 1982.

Government of Quebec — Assessment Files

Mongeau, R.J. — Golden Shield, Annual Report 1984

Marmount, S. — The Geological setting of the Detour Lake Gold Mine, Ontario, Canada Proceedings of Gold 1986 Symposium Toronto 1986 s.81-96

Pattison, E.F. — Gold Mineralizatio in the Casa-Berardi area, Quebec, Canada Proceedings of Gold 1986 Symposium Toronto 1986 s.170-183.

Tintor, N. — Casa Berardi, The Northern Miner Magazine, February 1986, p. 56.

Table 1

SUMMARY OF GOLD DEPOSITS IN THE N.W. ABITIBI GREENSTONE BELT

Mine Deposit	Mineralization	Grade Reserves	Host Rock	Controlling Structure	Genetic Model
Agnico Eagle Mines Ltd. (Joutel Twp.)	Au, Ag Py, As-py,	0.19 oz/ton Au 778.302 ton (1984)	dacite, graphite chert, tuff, arkoses agglomerate		stratiform, submarine, exhalative
Golden Pond deposits (Casa Berardi Twp.)	Au Py, As-py	0.22-0.29 oz/ton Au 6 M tons (1985)	clastic sediment tuff, agglomerate	"break" fault zone E/W extension 100 km assumed	epigenetic, hydro-thermal
Detour Lake Gold Mine (Ontario)	Au, Cu	0.2-0.3% Cu 0.128 oz/ton Au 10.9 M tons (1984)	intermediate - cherty tuff between an ultramafic and basal flow	north limb of anticline, shear within mafic flow	stratiform, epigenetic or syngenetic, hydrothermal activity
Teck Corp. Golden Hope Res. Inc. Golden Hope deposit (Estrées Twp.)	Au, Ag Cu, Zn py, cpy	0.2 oz/ton Au 9.0 oz/ton Ag 3% Cu, 15% Zn no reserves recorded	mafic - intermediate - felsic metavolcanic rocks	two faults displaced	"Kuroko"-type mineralization assumed
Selbaie Mine (Brouillan Twp.)	Cu, Zn Ag, Au	0.39-3.51% Cu 0.65-1.0% Zn 0.05-1.0 oz/ton Ag 0.03 oz/ton Au 44 M tons (1985)	welded tuff, rhyodacite breccia		subaqueous, hydrothermal within a caldera (vein-type)

APPENDIX I: List of Holdings
West Block and East Block

YORBEAU RESOURCES INC.
CASA BERARDI EAST BLOCK
BAPST & BESCHEFER TOWNSHIPS
LIST OF HOLDINGS

CLAIM NO	HECTARES	TOWNSHIP	DATE OF RECORD
433635.4	16.00	Bapst	01/01/86
433635.5	16.00	Bapst	01/01/86
433645.1	16.00	Bapst	01/02/86
433645.2	16.00	Bapst	01/02/86
433645.3	16.00	Bapst	01/02/86
433645.4	16.00	Bapst	01/02/86
433645.5	16.00	Bapst	01/02/86
433646.1	16.00	Bapst	01/03/86
433646.2	16.00	Bapst	01/03/86
433646.3	16.00	Bapst	01/03/86
433646.4	16.00	Bapst	01/03/86
433646.5	16.00	Bapst	01/03/86
439651.2	16.00	Beschefer	01/01/86
439651.3	16.00	Beschefer	01/01/86
439651.4	16.00	Beschefer	01/01/86
439651.5	16.00	Beschefer	01/01/86
439843.1	16.00	Bapst	01/04/86
439843.2	16.00	Bapst	01/04/86
439843.3	16.00	Bapst	01/04/86
439843.4	16.00	Bapst	01/04/86
439843.5	16.00	Bapst	01/04/86
439844.1	16.00	Bapst	01/05/86
439844.2	16.00	Bapst	01/05/86
439844.3	16.00	Bapst	01/05/86
439844.4	16.00	Bapst	01/05/86
439844.5	16.00	Bapst	01/05/86
439845.1	16.00	Beschefer	01/07/86
439845.2	16.00	Beschefer	01/07/86
439845.3	16.00	Beschefer	01/07/86
439845.4	16.00	Beschefer	01/07/86
439845.5	16.00	Beschefer	01/07/86
439846.1	16.00	Beschefer	01/08/86
439846.2	16.00	Beschefer	01/08/86
439846.3	16.00	Beschefer	01/08/86
439846.4	16.00	Beschefer	01/08/86
439846.5	16.00	Beschefer	01/08/86
439847.1	16.00	Beschefer	01/04/86
439847.2	16.00	Beschefer	01/04/86
439847.3	16.00	Beschefer	01/04/86
439847.4	16.00	Beschefer	01/04/86
439847.5	16.00	Beschefer	01/04/86
439848.1	16.00	Beschefer	01/05/86
439848.2	16.00	Beschefer	01/05/86
439848.3	16.00	Beschefer	01/05/86
439848.4	16.00	Beschefer	01/05/86
439848.5	16.00	Beschefer	01/05/86
439849.1	16.00	Beschefer	01/06/86
439849.2	16.00	Beschefer	01/06/86

YORBEAU RESOURCES INC.
CASA BERARDI EAST BLOCK
BAPST & BESCHEFER TOWNSHIPS
LIST OF HOLDINGS

CLAIM NO	HECTARES	TOWNSHIP	DATE OF RECORD
439849.3	16.00	Beschefer	01/06/86
439849.4	16.00	Beschefer	01/06/86
439849.5	16.00	Beschefer	01/06/86
439769.1	16.00	Beschefer	12/26/85
439769.2	16.00	Beschefer	12/26/85
439769.3	16.00	Beschefer	12/26/85
439769.4	16.00	Beschefer	12/26/85
439769.5	16.00	Beschefer	12/26/85
439770.1	16.00	Beschefer	12/27/85
439770.2	16.00	Beschefer	12/27/85
439770.4	16.00	Bapst	12/27/85
439770.5	16.00	Bapst	12/27/85
439771.1	16.00	Bapst	12/31/85
439771.2	16.00	Bapst	12/31/85
439771.3	16.00	Bapst	12/31/85
439771.4	16.00	Bapst	12/31/85
439771.5	16.00	Bapst	12/31/85
*** Total ***	1040.00		

YORBEAU RESOURCES INC.
CASA BERARDI WEST BLOCK
BESCHEFER & ORVILLIERS TOWNSHIPS
LIST OF HOLDINGS

CLAIM NO	HECTARES	TOWNSHIP	DATE OF RECORD
439399.1	16.00	Beschefer	12/17/85
439399.2	16.00	Beschefer	12/17/85
439399.3	16.00	Beschefer	12/17/85
439399.4	16.00	Beschefer	12/17/85
439399.5	16.00	Beschefer	12/17/85
439400.1	16.00	Orvilliers	12/18/85
439400.2	16.00	Orvilliers	12/18/85
439400.3	16.00	Orvilliers	12/18/85
439400.4	16.00	Orvilliers	12/18/85
439400.5	16.00	Orvilliers	12/18/85
439401.1	16.00	Orvilliers	12/19/85
439401.2	16.00	Orvilliers	12/19/85
439401.3	16.00	Orvilliers	12/19/85
439401.4	16.00	Beschefer	12/19/85
439401.5	16.00	Beschefer	12/19/85
439402.1	16.00	Beschefer	12/20/85
439402.2	16.00	Beschefer	12/20/85
439402.3	16.00	Beschefer	12/20/85
439402.4	16.00	Beschefer	12/20/85
439402.5	16.00	Beschefer	12/20/85
439404.1	16.00	Beschefer	12/17/85
439404.2	16.00	Beschefer	12/17/85
439404.3	16.00	Beschefer	12/17/85
439404.4	16.00	Beschefer	12/17/85
439404.5	16.00	Beschefer	12/17/85
439405.1	16.00	Orvilliers	12/18/85
439405.2	16.00	Orvilliers	12/18/85
439405.3	16.00	Orvilliers	12/18/85
439405.4	16.00	Orvilliers	12/18/85
439405.5	16.00	Orvilliers	12/18/85
439406.1	16.00	Orvilliers	12/19/85
439406.2	16.00	Orvilliers	12/19/85
439406.3	16.00	Orvilliers	12/19/85
439406.4	16.00	Beschefer	12/19/85
439406.5	16.00	Beschefer	12/19/85
439407.1	16.00	Beschefer	12/20/85
439407.2	16.00	Beschefer	12/20/85
439407.3	16.00	Beschefer	12/20/85
439407.4	16.00	Beschefer	12/20/85
439407.5	16.00	Beschefer	12/20/85
439413.1	16.00	Orvilliers	12/17/85
439413.2	16.00	Orvilliers	12/17/85
439413.3	16.00	Orvilliers	12/17/85
439413.4	16.00	Orvilliers	12/17/85
439413.5	16.00	Beschefer	12/17/85
439414.1	16.00	Beschefer	12/18/85
439414.2	16.00	Beschefer	12/18/85
439414.3	16.00	Beschefer	12/18/85

YORBEAU RESOURCES INC.
CASA BERARDI WEST BLOCK
BESCHEFER & ORVILLIERS TOWNSHIPS
LIST OF HOLDINGS

CLAIM NO	HECTARES	TOWNSHIP	DATE OF RECORD
439414.4	16.00	Beschefer	12/18/85
439414.5	16.00	Beschefer	12/18/85
439415.1	16.00	Beschefer	12/19/85
439415.2	16.00	Beschefer	12/19/85
439415.3	16.00	Beschefer	12/19/85
439415.4	16.00	Beschefer	12/19/85
439415.5	16.00	Beschefer	12/19/85
439416.1	16.00	Orvilliers	12/20/85
439416.2	16.00	Orvilliers	12/20/85
439416.3	16.00	Orvilliers	12/20/85
439416.4	16.00	Orvilliers	12/20/85
439416.5	16.00	Orvilliers	12/20/85
439417.1	16.00	Beschefer	12/21/85
439417.2	16.00	Beschefer	12/21/85
439417.3	16.00	Beschefer	12/21/85
439417.4	16.00	Beschefer	12/21/85
439417.5	16.00	Beschefer	12/21/85
439651.1	16.00	Beschefer	12/27/85
439669.1	16.00	Orvilliers	12/21/85
439669.2	16.00	Orvilliers	12/21/85
439669.3	16.00	Orvilliers	12/21/85
439669.4	16.00	Orvilliers	12/21/85
439669.5	16.00	Orvilliers	12/21/85
439670.1	16.00	Orvilliers	12/22/85
439670.2	16.00	Orvilliers	12/22/85
439670.3	16.00	Orvilliers	12/22/85
439670.4	16.00	Orvilliers	12/22/85
439670.5	16.00	Orvilliers	12/22/85
439671.1	16.00	Orvilliers	12/23/85
439671.2	16.00	Orvilliers	12/23/85
439671.3	16.00	Orvilliers	12/23/85
439671.4	16.00	Orvilliers	12/23/85
439671.5	16.00	Orvilliers	12/23/85
439672.1	16.00	Orvilliers	12/26/85
439672.2	16.00	Orvilliers	12/26/85
439672.3	16.00	Orvilliers	12/26/85
439672.4	16.00	Orvilliers	12/26/85
439672.5	16.00	Orvilliers	12/26/85
439673.1	16.00	Beschefer	12/27/85
439673.2	16.00	Beschefer	12/27/85
439673.3	16.00	Beschefer	12/27/85
439673.4	16.00	Beschefer	12/27/85
439673.5	16.00	Beschefer	12/27/85
439674.1	16.00	Beschefer	12/21/85
439674.2	16.00	Beschefer	12/21/85
439674.3	16.00	Beschefer	12/21/85
439674.4	16.00	Beschefer	12/21/85
439674.5	16.00	Beschefer	12/21/85

YORBEAU RESOURCES INC.
CASA BERARDI WEST BLOCK
BESCHEFER & ORVILLIERS TOWNSHIPS
LIST OF HOLDINGS

CLAIM NO	HECTARES	TOWNSHIP	DATE OF RECORD
439675.1	16.00	Beschefer	12/22/85
439675.2	16.00	Beschefer	12/22/85
439675.3	16.00	Beschefer	12/22/85
439675.4	16.00	Beschefer	12/22/85
439675.5	16.00	Beschefer	12/22/85
439676.1	16.00	Beschefer	12/23/85
439676.2	16.00	Beschefer	12/23/85
439676.3	16.00	Beschefer	12/23/85
439676.4	16.00	Beschefer	12/23/85
439676.5	16.00	Beschefer	12/23/85
439677.1	16.00	Beschefer	12/26/85
439677.2	16.00	Beschefer	12/26/85
439677.3	16.00	Beschefer	12/26/85
439677.4	16.00	Beschefer	12/26/85
439677.5	16.00	Beschefer	12/26/85
439678.1	16.00	Beschefer	12/27/85
439678.2	16.00	Beschefer	12/27/85
439678.3	16.00	Beschefer	12/27/85
439678.4	16.00	Beschefer	12/27/85
439678.5	16.00	Beschefer	12/27/85
439762.1	16.00	Orvilliers	12/29/85
439762.2	16.00	Orvilliers	12/29/85
439762.3	16.00	Orvilliers	12/29/85
439762.4	16.00	Orvilliers	12/29/85
439762.5	16.00	Orvilliers	12/29/85
439763.1	16.00	Orvilliers	12/30/85
439763.2	16.00	Orvilliers	12/30/85
439763.3	16.00	Orvilliers	12/30/85
439763.4	16.00	Orvilliers	12/30/85
439763.5	16.00	Beschefer	12/30/85
439764.1	16.00	Beschefer	12/31/85
439764.2	16.00	Beschefer	12/31/85
439764.3	16.00	Beschefer	12/31/85
439764.4	16.00	Beschefer	12/31/85
439764.5	16.00	Beschefer	12/31/85
439765.1	16.00	Beschefer	01/01/86
439765.2	16.00	Beschefer	01/01/86
439765.3	16.00	Beschefer	01/01/86
439765.4	16.00	Beschefer	01/01/86
439765.5	16.00	Beschefer	01/01/86
439766.1	16.00	Beschefer	01/02/86
439766.2	16.00	Beschefer	01/02/86
439766.3	16.00	Beschefer	01/02/86
439766.4	16.00	Beschefer	01/02/86
439766.5	16.00	Beschefer	01/02/86
439777.1	16.00	Beschefer	12/26/85
439777.2	16.00	Beschefer	12/26/85
439777.3	16.00	Beschefer	12/26/85

YORBEAU RESOURCES INC.
CASA BERARDI WEST BLOCK
BESCHEFER & ORVILLIERS TOWNSHIPS
LIST OF HOLDINGS

CLAIM NO	HECTARES	TOWNSHIP	DATE OF RECORD
439777.4	16.00	Beschefer	12/26/85
439777.5	16.00	Beschefer	12/26/85
439778.1	16.00	Orvilliers	12/27/85
439778.2	16.00	Orvilliers	12/27/85
439778.3	16.00	Orvilliers	12/27/85
439778.4	16.00	Orvilliers	12/27/85
439778.5	16.00	Beschefer	12/27/85
439779.1	16.00	Orvilliers	12/28/85
439779.2	16.00	Orvilliers	12/28/85
439779.3	16.00	Orvilliers	12/28/85
439779.4	16.00	Orvilliers	12/28/85
439779.5	16.00	Beschefer	12/28/85
439780.1	16.00	Beschefer	12/29/85
439780.2	16.00	Beschefer	12/29/85
439780.3	16.00	Beschefer	12/29/85
439780.4	16.00	Beschefer	12/29/85
439780.5	16.00	Beschefer	12/29/85
439781.1	16.00	Beschefer	12/30/85
439781.2	16.00	Beschefer	12/30/85
439781.3	16.00	Beschefer	12/30/85
439781.4	16.00	Beschefer	12/30/85
439781.5	16.00	Beschefer	12/30/85
*** Total ***	2656.00		