DRILLING REPORT ON ZONE A OF GOODFISH PROPERTY, MORRISETTE AND BERNHARDT TOWNSHIPS LARDER LAKE MINING DIVISION ONTARIO

J.R. Trusler October, 1990
International Platinum Corporation

NTS: 32 D/4; 42 A/1
Long: 80° 0'W
Lat: 48° 10'N

SUMMARY

The Goodfish Property lies 5 miles north of the centre of Kirkland Lake and is crossed by the airport access road. The property is underlain chiefly by Early Precambrian Keewatin Group tholeiitic mafic volcanic rocks which are intruded by sill-like bodies of quartz feldspar porphyry. These rocks are folded into a broad steeply westward plunging syncline on the property.

The property is developed by 5 shafts and significant underground development. The Number 1 shaft is developed to 600 feet by 4 levels and over 5000 feet of lateral workings. The Number 3 shaft is developed on 2 levels to 330 feet with over 1000 feet of lateral workings. This development was completed in the 1930's and the property was dormant from 1941 to 1988.

Drilling on the property totals 34 holes for 11,972 feet. Gold mineralization occurs in quartz lenses and veinlets associated with open brecciation and minor ductile deformation along contacts of the quartz feldspar porphyry and in other minor shear zones. Gold also occurs on certain flow contacts and within interflow metasedimentary rocks. One drill hole placed in the area of the No1 shaft workings encountered a strongly altered shear zone trending at 100° or approximately parallel to the axial plane of regional folding and returned a well mineralized section which averaged 0.495 ounces of gold per ton uncut over 41.5 feet.

The Company plans to carry out an additional 2393 feet of venture drilling prior to 1991 to vest its 51% joint interest prior to July 15, 1991.

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INTRODUCTION

The Goodfish Property comprises two parcels of contiguous claims. The claim group is situated in the Kirkland Lake Area of the Larder Lake Mining Division in northeastern Ontario.

The first parcel comprises sixteen (16) patented claims which lie in the southwest corner of Morrisette Township and adjoining Bernhardt Township as shown in Figures 1 and 2. The patented mineral rights to the first parcel are currently held by Glencairn Exploration Ltd subject to a 1 to 2.5% royalty and under option to International Platinum Corporation which Company has a right to earn a 51% working interest in Glencairn's interest.

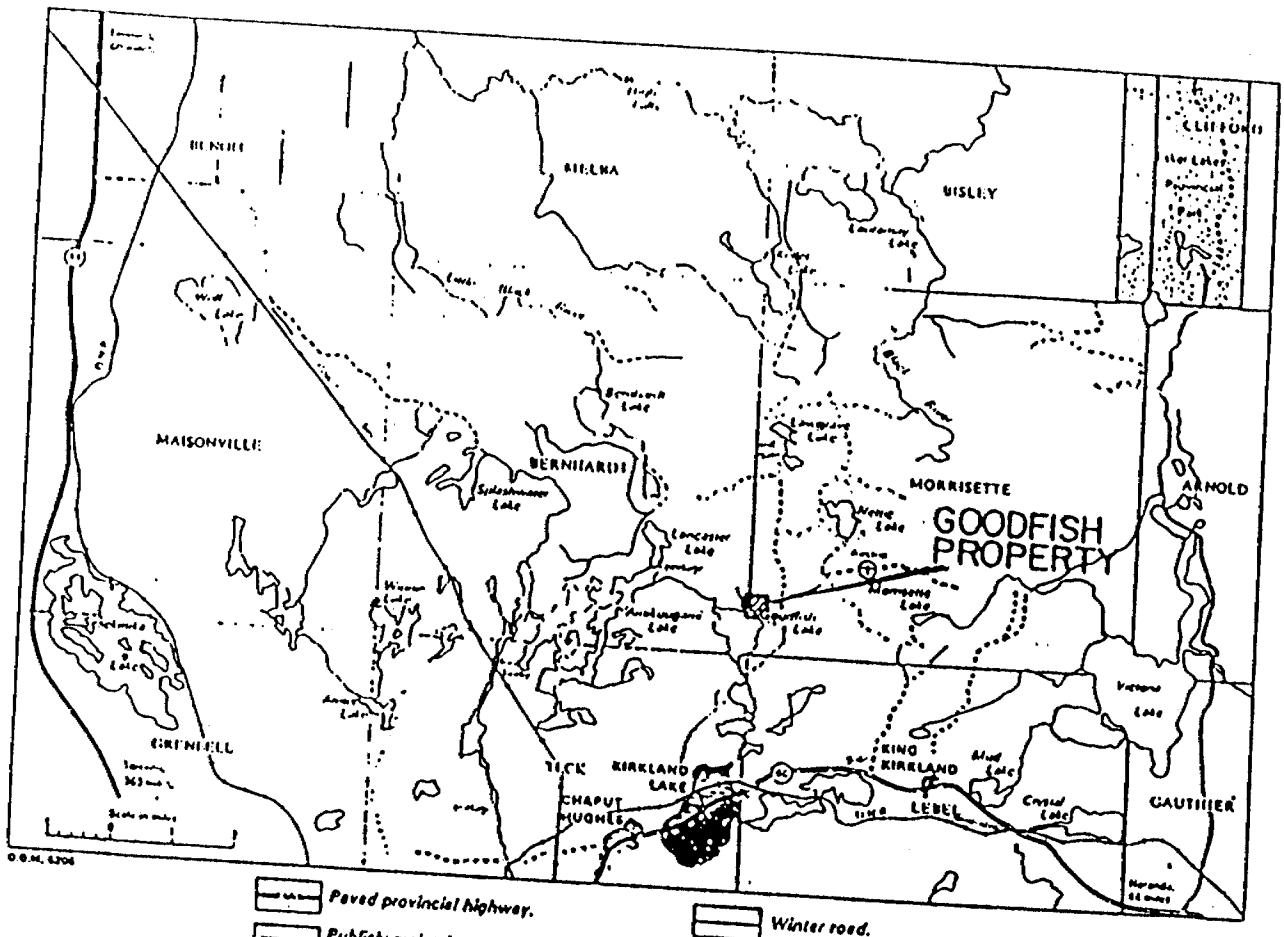
The claims specifically are the following (Figure 2):

L2038	L2202	L2625	L2793
L2184	L2232	L2632	L2794
L2194	L2571	L2758	L2795
L2195	L2603	L2760	L2814

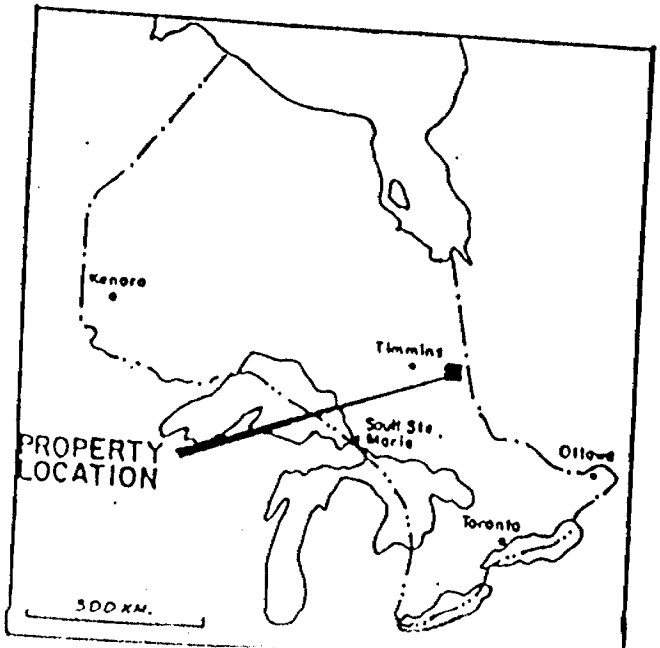
The claims were originally staked in 1912 and since then the property has undergone several phases of surface and underground exploration. The surface rights to these claims are held by Cumabo Holdings Inc. which company has applied for approval of a plan of subdivision creating 60 building lots. In August, 1990 International Platinum and Glencairn entered an agreement with Cumabo allowing 25,000 feet of drilling prior to May 31, 1991. In return Glencairn and International Platinum must post a $10,000 deposit with a third party to cover loss in value to an affected building lot and a $1,000 non refundable amount to cover damage to each drill site.

The second parcel comprises 9 staked mining claims in which Glencairn holds a 100% interest subject to an agreement in which "786322 Ontario Inc." holds an option to earn a 51% working interest. International Platinum has the right to earn a 51% working interest in Glencairn's residual interest. The claims which each have 200 days assessment credit are tabulated below:

L799280	L799284
L799281	L799285
L799282	L799286
L799283	L799287
	L799288



Access roads to Bernhardt and Morrisette Townships.

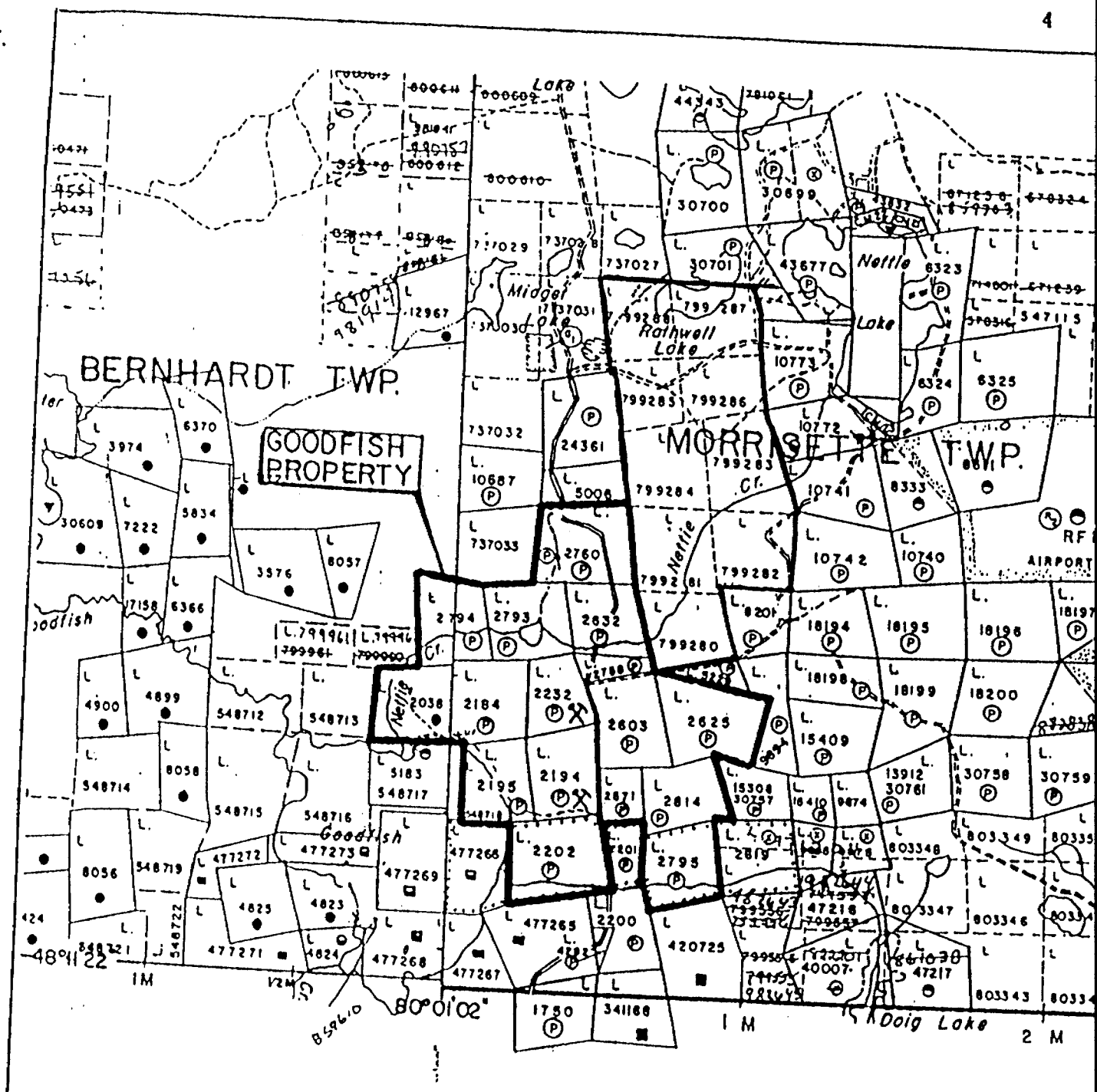


INTERNATIONAL PLATINUM CORPORATION

GOODFISH PROPERTY

LOCATION MAP

BERNHARDT & MORRISETTE TWP.



INTERNATIONAL PLATINUM CORP.

GOODFISH PROPERTY
CLAIM MAP

BERNHARDT & MORRISETTE TWP.

0 1000 2000 4000 FEET

SCALE 1: 31,680

HISTORY

Gold was discovered on the property in 1912. The claims which now comprise the Goodfish Property were originally owned and worked independently by several owners until 1927 when Goodfish Mines Limited amalgamated with Providence Gold Mines Ltd. and the sixteen claims came under one ownership.

Work at the Goodfish Property occurred in four periods:

1:	Period 1.	1912 - 1927	erratic independent work
2:	Period 2.	1927 - 1937	Goodfish Mines Limited
3:	Period 3.	1937 - 1941	Miles-Martin Kirkland Lake Mines & Kirkland - Hudson Bay Gold Mines
4:	Period 4.	1988 - 1990	Glencairn Explorations - Lencourt Ltd. - International Platinum

Period 1: 1915:- Surface trenching on claims L2232 and L2603

- Brennan Shaft (location unknown) sunk to a vertical depth of 26 feet

- Two other shafts reported, but no details

1924:

- Inclined shaft (No. 4?) sunk to 110 feet on claim 2758 or 2232

- No. 5 shaft sunk to 60 feet at centre of claim 2632

- 25-foot shaft sunk on Castello Vein Extension on claim 2795

- Providence Gold Mines cleared 50 acres of land, sank 205 feet of shafts and opened seven different veins by 3000 feet of stripping and trenching

1936: - The Northern Miner reports some good assays in underground work and also that a part-carload of ore grading 1.25 oz/ton Au was shipped to Cobalt from a 30 foot pit between No. 3 and No. 4 shafts - (N. Miner Feb 13, 1936)

Period 2: Work conducted by Goodfish Mines (1927 - 1936)

1927: - Power line constructed

1928: - No.1 shaft extended to 620 ft. and 3,331 ft of lateral development on 3 levels
- Dewatering of No.3 shaft (200 ft. incline, 150 ft. winze)
- Lateral development of No.3 shaft (300 ft.)
- Diamond drilling, details unknown

1934: - No.3 shaft dewatered again with some drifting on 200 ft. level
- No.1 shaft dewatered

1936: - 700 ft. of lateral work on No.3 shaft
- Some work on No.1 shaft
- Sampling program on No.5 shaft

1937: - Property sold

Period 3: Work by Miles-Martin Kirkland Mines.

1937: - Workings dewatered

1938: - Northern Miner reports reserves at 30,000 tons grading $12/ton Au.

1940: - Option to Kirkland - Hudson Bay Gold Mines
- New surface showing discovered
- Considerable trenching

1941: - Diamond drilling, 9 shallow holes totalling 1043 ft.
Encouraging results reported (Table 1)

Period 4: Work by Lencourt Limited

1988:
- 14 line kilometre picket line grid at 50 metre separation
- magnetometer and VLF EM surveys
- 5 lines of Induced Polarization
- 10 drill holes for 3322 feet

Work by International Platinum Corporation

1990:
- 15 drill holes for 7607 feet.

TABLE 1

RESULTS OF DIAMOND DRILLING - 1941
MILES - MARTIN KIRKLAND MINES LTD.

HOLE NO.	AZIMUTH	ANGLE	LENGTH	RESULTS inches - oz/ton Au
1	141°	-44°	201.0'	24" - 0.110
2	146°	-46°	140.5'	24" - 2.90
3	148°	-45°	125.0'	18" - 0.100
4	141°	-45°	93.5'	15" - 0.350
5	141°	-35°	92.5'	?
6	141°	?	84.3'	27" - 0.236
7	141°	-45°	112.0'	12" - 0.07
8	270°	-45°	92' 10"	12" - 0.04
9	90°	-45°	102'	other showing results?

(for locations, see Figure 4)

TABLE 2
RESULTS OF DRILLING 1988 LENCOURT LTD.

Hole No.	Azimuth	Angle	Length	Coordinates	Results Au oz/t
KL88-1	41°	45°	317'	0+95S 1+40E	0.
KL88-2	91°	46°	377'	0+90S 1+45E	0.
					0.
					0.
KL88-3	91°	65°	397'	0+90S 1+45E	0.
					0.2
KL88-4	113°	45°	321'	1+10S 1+20E	0.1
					0.1
					incl 0.3
KL88-5	113°	55°	377'	1+10S 1+20E	0.0
KL88-6	130°	45°	388'	0+50S 0+35W	0.0
KL88-7	101°	44°	313'	0+50S 0+35W	
KL88-8	130°	45°	273'	1+55N 0+45E	0.4
					0.08
KL88-9	153°	45°	403'	1+55N 0+45E	0.09
					0.12
KL88-10	104°-30'	45°	433'	3+00N 0+75E	0.02

TABLE 3
RESULTS OF DRILLING FEBRUARY 1990
INTERNATIONAL PLATINUM CORPORATION

Hole No.	Azimuth	Angle	Length	Coordinates	Results Au oz/ton/ft
GF90-01	135°	45°	617'	1+70N 0+00E	0.08/4'
GF90-02	130°	45°	347'	0+65N 0+65E	0.192/.5'
GF90-03	135°	60°	400'	1+ 7S 1+22E	0.112/2.5'
GF90-04	220°	60°	625'	4+10S 2+50E	0.386/2.0'
					0.495/41.5'
	incl				1.715/5.0'
	incl				5.08/2.0'
GF90-05	135°	45°	350'	1+75N 1+17E	trace
GF90-06	135°	45°	317'	2+05N 0+38E	0.014/8.3'
GF90-07	135°	45°	354'	0+14N 1+35E	0.016/2'

TABLE 4
RESULTS OF DRILLING AUGUST - OCTOBER, 1990
INTERNATIONAL PLATINUM CORPORATION

Hole No.	Azimuth	Angle	Length	Coordinates (from shaft #1 in feet)	Zone	Results Au oz/ton/ft
GF 90-8	003°	62°	530'	71E; 75S	A-2	0.104/3.45
					A-2	0.10/3.6
					A-1	0.16/5.2
GF 90-9	350	60°	533'	71E; 75S	A-2	0.146/3.2
GF 90-11	030°	62°	393'	71E' 75S	A-2	0.08/3.1
					A-2	0.05/4.0
GF 90-12	044°	61°	596'	165W; 6N	A-3	0.45/4.0
					A-2	0.103/5.0
GF 90-13	057°	62.5°	716'	165W; 6N	A-1	0.042/39.2'
GF 90-14	222°	62.5°	876'	298E; 290N	A-4	0.215/11.2'
					A-2	0.157/5.1'
GF 90-15	208.5°	66.5°	606'	298E; 290N	new	0.184/1.2'
					A-2	0.131/4.3'

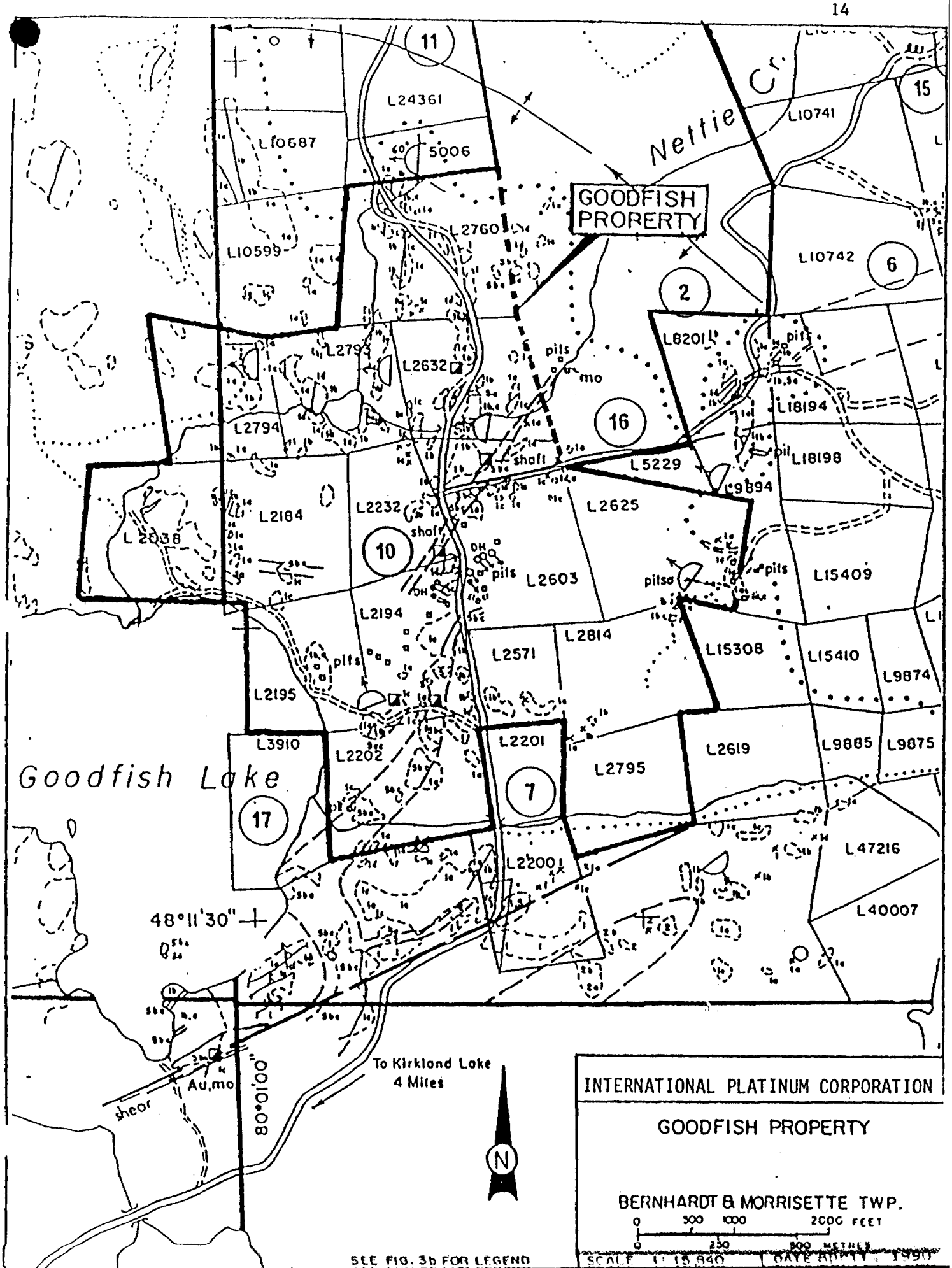
GENERAL GEOLOGY

The property is underlain by Keewatin tholeiitic metavolcanics of intermediate to mafic composition. These consist of massive flows, pillowed flows and occasional interflow breccias. A large body of quartz-feldspar porphyry of indeterminate age traverses the approximate middle of the property in a N/E-S/W direction with an average thickness of several hundred feet. All of these rocks are metamorphosed from lower to middle greenschist facies. Associated with the body or bodies of porphyry are parallel or sub-parallel fault or shear structures especially evidenced at the volcanic porphyry contact zones. These faults tend to display only minor ductile shear and appear to be mainly dilatant breccias. The property lies on the nose of a west plunging east-west trending syncline and much of the rock has undergone very little strain. However, a shear zone was revealed in the recent drill program within the workings of the No.1 shaft. This fault is believed roughly parallel to the axial plane of folding or 100° azimuth and steeply dipping to the north. The main Kirkland Lake gold deposits occur within Temiskaming strata higher in the stratigraphic section.

ECONOMIC GEOLOGY

Quartz-carbonate and quartz-calcite veins carrying gold occur on the property. These veins consist of lenticular stringers of quartz, carbonate, calcite, pyrite, specularite, minor chalcopyrite, molybdenite and some coarse visible gold. Wall rocks to the veins are commonly carbonatized and epidotized.

The veins are associated with sheared and altered porphyries and metavolcanics which occupy a zone extending over


GOODFISH PRORERTY
Nettie C.
Goodfish Lake
L24361
L10687
5006
L10599
L2760
L10741
L10742
L2793
L2632
L2794
L8201
L18194
L18198
L5229
L9894
L2184
L2232
L2625
L2038
L2603
L15409
L2194
L2814
L2571
L15308
L15410
L9874
L2195
L3910
L2202
L2201
L2619
L9885
L9875
L2795
L47216
L2200
L40007
pits
mo
shaft
pitso
Au,mo
sheor
48°11'30"
80°10'00"
To Kirkland Lake
4 Miles
N
SEE FIG. 3b FOR LEGEND
INTERNATIONAL PLATINUM CORPORATION
GOODFISH PROPERTY
BERNHARDT & MORRISETTE TWP.
0 500 1000 2000 FEET
0 250 500 METRES
SCALE 1: 15,840
DATE APRIL, 1990

N.T.S. References: 32 D/6W, 32 D/5W, 42 A/8E, 42 A/1E
G.S.C. Aeromagnetic Maps: 41C, 46C, 295C, 296C

LEGEND

BERNHARDT AND MORRISETTE TOWNSHIPS

CENOZOIC
PLEISTOCENE AND RECENT
Sand, gravel, and clay

UNCONFORMITY

PRECAMBRIAN
ARCHEAN
MAFIC INTRUSIVE ROCKS (MATACHEWAN)

6 — 6 Diabase (dikes)

INTRUSIVE CONTACT

FELSIC INTRUSIVE ROCKS (ALGOMAN AND KEEVATIN)

5 — 5 Undifferentiated felsic intrusive rocks
5a Syenite
5b Granite
5c Porphyritic felsic intrusive rocks
5bc Altered quartz-albite porphyry (probably Keevatin)

INTRUSIVE CONTACT

MAFIC INTRUSIVE ROCKS (HAILEYBURIAN) AND KEEVATIN)

4 — 4a Diorite
4b Lamprophyre
4c Gabbro
4d Pale anorthositic gabbro
4e Peridotite

INTRUSIVE CONTACT

METASEDIMENTS (TEMISKAMING? AND KEEVATIN)

3 — 3a Clay sandstone, quartzite, and quartzitic conglomerate
3b Meta-arkosic and arkosic conglomerate
3c Lithic polymictic pebble conglomerate and breccia
3d Mudstone, slate, and chloritic conglomerate

EROSIONAL DISCONFORMITY

FELSIC METAVOLCANICS (KEEVATIN)

2 — 2 Undifferentiated dacite and andesite
2a Massive granular dacite and andesite (includes some diorite)
2b Pillowed dacite and andesite
2c Agglomeratic dacite and andesite
2d Dacitic or andesitic breccia
2f Dacitic or andesitic tuff and ash
2g Porphyritic dacite or andesite

MAFIC METAVOLCANICS (KEEVATIN)

1 — 1 Undifferentiated basalt and andesite
1a Massive granular basalt and andesite (includes some gabbro)
1b Pillowed basalt and andesite
1c Agglomeratic basalt and andesite
1d Basaltic or andesitic breccia
1g Porphyritic basalt or andesite

GEOLOGICAL AND MINING SYMBOLS FOR P.646 AND P.647

- Glacial striae.
- Glacial fluting, Drumlin.
- Small bedrock outcrop.
- Area of bedrock outcrop.
- Bedding, top unknown; (inclined, vertical).
- Lava flow; top (arrow) from pillows shape and packing.
- Lava flow; top in direction of arrow.
- Schistosity; (horizontal, inclined, vertical).
- Lineation with plunge.
- Geological boundary, observed.
- Geological boundary, position interpreted.
- Fault; (observed, assumed). Spec indicates down throw side, arrows indicate horizontal movement.
- Lineament.
- Jointing; (horizontal, inclined, vertical).
- Drag folds with plunge.
- Anticline, syncline, with plunge.
- Drill hole; (vertical, inclined).
- Shaft; depth in feet.
- Magnetic attraction.

LIST OF PROPERTIES

1. Airpere Reserve
2. Ashley, E.
3. Beceford, J.M.
4. Bourdon, Mrs. E.
5. Boleye, E.L.
6. Couthier, M.
7. Gordon, W.A. (Kirona Fault Extension)
8. Hallard Lake Gold Mines Ltd. (circa 1933)
9. Mayday Mines Ltd.
10. Murray, C.L. (Goodfish mine)
11. Plamondon, M.
12. Rathwell, J.J.
13. Renal Red Lake Gold Mines Ltd.
14. Strong, M.F.
15. Violette, B.R.
16. Walsh, T.J.
17. Wood, A.
18. Wright-Hargreaves Mines Ltd.

INTERNATIONAL PLATINUM CORPORATION

GOODFISH PROPERTY
LEGEND FOR PROPERTY GEOLOGY
BERNHARDT & MORRISETTE TWP.

SCALE
DRAWN BY
DATE April, 1991
FIGURE NO 56

4,000 feet of strike northeast-southwest through the property. This zone may be an extension of the Lakeshore Fault which is further to the southwest in Teck Township. On the Goodfish property it reaches widths of 1,000 feet.

The No.1 shaft was sunk to 620 feet with more that 5,000 feet of lateral development carried out on four levels. The best gold mineralization occurred on the 300-foot level with a 3-foot width grading 0.50 oz gold per ton. However, this mineralization was insufficiently supported on adjacent levels. On the 100-foot level of the No.3 shaft an ore-shoot 86 feet long by 1.3 feet wide graded 0.25 oz gold per ton. On the 200-foot level a section 178 feet long of unspecified width is reported to grade 0.40 oz/ton. Adjoining this is a section 100 feet long by 2 feet wide grading 0.11 oz gold per ton.

The best grab sample from the No.4 shaft assayed 0.13 oz gold per ton. The No.5 shaft was dewatered in 1936 with the best assay being 0.08 oz gold per ton.

In 1940 a new surface discovery was made east and north of the major workings at the No.1 and 3 shafts and extensive trenching was carried out. This exposed a vein of lenticular stringers carrying gold values over a length of 600 feet. The three most important sections shown by surface sampling gave 100 feet by 20 inches averaging 0.34 oz. gold per ton, 20 feet by 23 inches grading 1.00 oz. gold per ton, and 25 feet by 42 inches grading 0.17 oz. gold per ton. A diamond drilling program of 9 holes followed the surface trenching and sampling, and the best intersection was 2.90 oz. gold per ton over 24 inches. Seven of the nine holes reported continuation of the surface mineralization to a vertical depth of about 60 feet. Continuity

of the zone northeast and southwest of the trenches was not tested.

Recent work by Lencourt Limited and International Platinum Corporation has identified additional zones of mineralization and clarified the associated potential. Several mineralized zones occur along sheared contacts and shears oriented at 035° and dipping approximately 70° N. A rodding lineation and slickenside is developed in the shears trending at 320° and plunging at approximately at 68°. It is believed that this is the major axis of ductile shear and shoots of stronger gold mineralization in the shears. Several intersections including a value of 0.48 ounces of Au/ton over 10.5' in hole KL-88-8 warrant follow up exploration on this basis.

The area near the No. 1 shaft workings is referred to as Zone A. Exploration in August to October 1990 was directed to follow an intersection of 0.495/41.5' in hole GF 90-4. Holes GF 90-8 to GF 90-15 comprising 4596 feet have tested four distinct gold occurrences - Zones A1, A2, A3 and A4 - the highlights of which are listed in Table 4 and illustrated on Figures 6 to 9 (the Longitudinal Sections) and Figure 5 (the Drill Hole Plan Zone A).

Gold occurs both in quartz carbonate veins in a shear zone and in volcaniclastic and sedimentary breccias. The mineralization is spatially associated with the top of an iron tholeiite unit within an east-west trending north dipping but south facing sequence of iron and magnesium tholeiites. The shear is sub-parallel in strike to the volcanic sequence but with a slightly gentler dip traverses the volcanic flows. For the purpose of map control the volcanic rocks in Zone A are

subdivided on the basis of colour index and certain distinctive characteristics into:

Iron Tholeiite: buff to dark greenish grey with a red to lavender tinge; fine grain to aphanitic massive flows frequently with pervasive cooling fractures, zones with pillows and pillow breccias and hyaloclasis trending into multiple flow units with pillows and pillow breccias with hyaloclastic and partially sedimentary breccias.

Magnesium Tholeiite:

(Leucoxene Rich) buff to medium greenish grey rock with buff to lavender speckles and blotches of leucoxene to 20%; generally fine to coarse thick flow with lesser pillowed flows but some thinner units may be sills.

Magnesium Tholeiite:

(Leucoxene Poor) buff to medium greenish grey rock generally fine grain with very fine grain leucoxene in rare cases; flows and pillowed flows.

Magnesium Tholeiite:

(Amygdaloidal flows with box work calcite in fractures) Light to dark greenish grey aphanitic to fine grain rock often with outstanding quench, chill and degassing textures; amygdules with sulphide, calcite, and/or chlorite filling up to 20% of rock; spherules to 30% especially at pillow tops and rims; wedge shaped and criss-crossed or

box-work healed fractures containing calcite comprises up to 20% of rock; the unit comprises more massive rather than pillowed flows and is less amygdaloidal in Hole GF 90-15 which is furthest to the east.

The mineralized zones have been explored in several drill holes as follows:

Zone A-1: The zone occurs on or near the stratigraphic top of the iron tholeiite unit and is characterized as a laminated iron enriched siliceous rock in holes 90-4 and 90-13 which are strongly mineralized to potentially commercial. Holes 90-8 and 90-9 intersected weaker mineralization slightly to the west in equivalent flow top breccias containing quartz-carbonate veining. The horizon is missing in holes further to the west or above these intersections. Holes 90-14 and 90-15 to the west and below appear to have missed the horizon completely. Future drilling should test the zone approximately 50' east of GF 90-4, penetration points midway between 90-8 and 90-13 intersects and 150' to either side of this latter location.

Zone A-2: Zone A-2 is a dark bluish grey molybdenum-chlorite-graphite-tourmaline bearing quartz breccia vein or veins within but not parallel to the main shear. Hole GF 90-4 intersected a 2.0 foot vein with coarse visible gold which returned an assay of 5.08 ounces Au/ton. Combined with a nearby veinlet the uncut average over 9.0 feet was 1.30 ounces of gold per ton. Hole 90-10 with a penetration point above 200 feet in depth was the only hole that did not intersect the vein. The remaining holes intersected the vein with significant but subeconomic results. Hole 90-8 which intersected a 3.6 foot vein

section with visible gold but averaging only 0.099 ounces of gold per ton immediately entered 7 feet of workings and it is conceivable that a full intersection here would have been more impressive. Hole 90-15 also intersected visible gold but only averaged 0.086 ounces of gold per ton over the 8.7 foot vein width. The distribution of values in holes about hole 90-4 gives the impression that the stronger mineralization is clustered about hole 90-4, however the three holes containing visible gold are roughly aligned in a southeasterly plunging direction correlating with rodding lineations mapped on surface.

Pulp and metallic assays used to check sample results on most intersections generally confirmed the original assays showing that coarse gold is generally not present - except in hole 90-4 suggesting that the section of Zone A-2 containing the coarse gold must be intersected to obtain commercial results.

Additional drilling should test penetration points 50 and 100 feet east of hole 90-4 and also test 50' east of hole 90-15 and also down plunge from the holes containing visible gold and 50 feet below hole 90-15.

Zone A-3: Zone A-3 was tested by holes 90-12, 90-13 and 90-14 returning results of 0.45 ounces of gold per ton over 4.0 feet, trace over 9.6 feet and a nil intercept respectively. The zone occurs in the flow top of the amygdaloidal boxwork calcite flow which comprises minor quartz carbonate veining with up to 1% molybdenite and 5-10% fine grain pyrite. This mineralization appears to correlate with reported highgrade mineralization on the 450 foot level of the workings in the number 1 shaft.

The zone should be further tested with three holes in the vicinity of and to the west of the hole 90-12 intercept.

Zone A-4: This zone occurs within a broader 10 to 30 foot zone which is a very dark greenish mauve grey iron tholeiite. The broad zone is highly altered with chlorite and hematite, intensively fractured (cooling fractures which have all healed) and contains 1-15% secondary sulfides comprising pyrite and chalcopyrite. The gold enriched portion is visually indistinguishable from the rest of the zone at this time although it appears to have a much stronger magnetic attraction and a low sulfide content.

The zone was located in holes GF 90-4 and GF 90-14 with values of 0.386 ounces of gold per ton over two feet and 0.215 ounces of gold per ton over 11.2 feet respectively. The latter value includes an assay of 0.565 ounces of gold per ton over four feet. In these two holes the gold bearing zone is hosted within a profusely fractured pillow breccia within a generally massive flow.

The same flow unit occurs in holes 90-8, 90-9, 90-10, 90-12, and 90-15. Holes 90-9 and 90-10 intersected massive flows with no gold mineralization. Hole 90-8 intersected modest brecciation with low values and hole 90-12 intersected a 7.8 foot vein breccia with low values. Hole 90-15 intersected an intensively fractured pillow breccia in the same flow but instead of having strong hematite and chlorite alteration the rock is epidotized and the flow is intruded by a quartz feldspar porphyry unit.

Future drilling should include four holes drilled above and below intersects in holes 90-4 and 90-14 as part of the program targeting Zone A-2

DISCUSSIONS AND CONCLUSIONS

Gold mineralization occurs on the Goodfish property in two structures. The Band C Zones to the north strike northeast-southwest for about 2,500 feet on the property, over a width of perhaps 1000 feet. The second structure extends at least 225 feet southwest and more than 2000 feet northeast from the No.3 shaft. It is on the south wall of a quartz-feldspar porphyry dike; rocks from here are similar to the rocks on the No.1 shaft structure. Wright (1920) reported that both structures contain pyrite, lamellar gold and molybdenite. Other showings have been reported but are difficult to authenticate due to poor condition of the trenches.

The A Zone is proximal to a folded quartz-feldspar porphyry dike, extending about 450 feet westward from the No.1 shaft.

Near the No. 1 shaft recent drilling has outlined four prospective east-west trending gold bearing zones within shear hosted quartz carbonate veins or volcaniclastic units. Zones A-1, A-2, and A-4 can be drilled effectively and efficiently from the same hole and four additional holes are required to test these targets for extensions of high grade mineralization. Zone A-3 should be tested with 3 shallow holes.

A 7 hole program totalling 4000 lineal feet is recommended as the next phase to further evaluate mineralization in Zone A.

BUDGET

Drilling and assaying 4000' @ $12/foot	$48,000
Geologist and Report	15,000
Drafting	4,000
Travel and accommodation 40 days @ $100/day	4,000
Core splitting	6,000
	$77,000
Administration and overhead 10%	8,000
	$85,000

BIBLIOGRAPHY

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a) Geology of Bernhardt and Morrisette Townships. Geol. Rept 84, Ontario Department of Mines.

b) Morrisette Township - Prelim. Geol. Map P447, Ontario Department of Mines.

NORTHERN MINER, TORONTO

a) Various published reports 1925 - 1928
1934 - 1936
1937 - 1940
1950 - 1953

b) Statement by Mr. A.J. Perron, President, Goodfish Mines Limited April 16, 1934.

c) Report by Mr. W.R. Sweet, Mine Superintendent to Mr. A.J. Perrou December 1, 1928.

d) Reports by W.T. Robson for Sylvanite Gold Mines, January 16, 1941, January 20, 1941.

e) Reports by E.J. Lees, mine manager at Goodfish.
dated 09 January 1941
20 December 1940
05 December 1940

ONTARIO DEPARTMENT OF MINES ASSESSMENT FILES

Various plans and maps of the property.

WATTS, GRIFFIS AND MCOUAT LTD

1988 Lencourt Limited 1988 Exploration Programme on The Goodfish Property Kirkland Lake.

QUADROS, A.M. de, 1988

Report on The Goodfish Property, Morrisette and Bernhardt Townships Larder Lake Mining Division Ontario for Glencairn Resources Ltd. Toronto, Ontario

International Platinum Corporation

SUMMARY LOG

Hole No. GF90-8 | Page No.

Drilling Company	Collar Elevation	Bearing of Hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
	-9.9 wrt shaft	003	530	Collar 62°			
Date Hole Started / Date Completed	Date Logged	Logged by		250 Ft. 60°		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		530 Ft. 57.5°			
				Ft.		Property Name: GOODFISH	
				Ft.			

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage *	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au oz/ton	
0	10	OVERBURDEN									
10	168	MAFIC METAVOLCANIC	LEUCOXENE-RICH MG. THOLEIITE								
168	171.25	QUARTZ-FELDSPAR PORPHYRY									
171.25	194.5	MAFIC METAVOLCANIC	LEUCOXENE-RICH MAGNESIUM THOLEIITE								
194.5	197	QUARTZ-FELDSPAR PORPHYRY									
197	208.25	MAFIC METAVOLCANIC	LEUCOXENE-RICH MAGNESIUM THOLEIITE								
208.25	209.75	QUARTZ-FELDSPAR PORPHYRY									
209.75	228	MAFIC METAVOLCANIC	LEUCOXENE-RICH MAGNESIUM THOLEIITE								
228	250	GCV BRECCIA					228	233.8	5.85	0.057	
250	286	MAFIC METAVOLCANIC	LEUCOXENE-RICH MAGNESIUM THOLEIITE				297.8	301.25	3.45	0.105	
286	341.5	SHEAR ZONE	328.7-336 - MINE WORKINGS				325.1	328.7	3.6	0.10	
341.5	349	MAFIC METAVOLCANIC	LEUCOXENE-RICH MAGNESIUM THOLEIITE								
349	424.9	MAFIC METAVOLCANIC	LEUCOXENE-POOR MAGNESIUM THOLEIITE								
424.9	433.9	SHEAR ZONE	- SHEARED FLOW TOP				424.1	429.3	5.2	0.16	
433.9	530	MAFIC METAVOLCANIC	IRON THOLEIITE								
530			END OF HOLE								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

International Platinum Corporation

Hole No.	Page No.
GF-90-8	1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
HEATH & SHERWOOD DD	-9.9 w.r.t shaft	003°	530'	Collar 62			
Date Hole Started: August 16, 1990	Date Completed: August 1990	Date Logged: Aug 1990	Logged by: J R Trusler	250 Ft. 60		Location (Twp., Lot, Con. or Lat. and Long.): 2+57.5E (metric grid) 5+44S	
Exploration Co., Owner or Optionee: International Platinum Corp		Date Submitted	Submitted by (Signature)	530 Ft. 57.5		Property Name: Goodfish	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
0	10'	Over burden	Muck from mine workings	20°	10'					
10'	168'	Mafic Volcanics	Beige speckled to mottled light to dark greyish green rocks with 5% narrow to 4' sections which are stained a rusty brown colour; fine to coarse grain massive relatively homogeneous sections interrupted by more highly foliated/fractured fragmental zones with pillow selvedges and/or flow breccias; the more massive sections are speckled or mottled with fine to coarse leucoxene contain up to 5% dilatant quartz carbonate stringers and rarely contains chlorite vesicules - these sections are sulfide poor and weakly to non magnetic, are metamorphosed to a greenschist assemblage with carbonates and chlorite evident throughout, the more fragmental and fractured sections are highly variable in appearance representing several different events including cooling fractures pillows and alteration; silicification, carbonatization, sericitization and pyrite mineralization are variously present; pyrite varies from trace to locally 10%	20°	20'					
				26°	30'					
				27°	40'					
				37°	50'					
				20°	60'					
				26°	70'					
				26°	80'					
				33°	90'					
				46°	100'					
				20°	110'					
				15°	120'					
				20°	130'					
				30°	140'					
				30°	150'					
				15°	160'					
				20°	170'					
					~~180'~~					
					~~190'~~					
					~~200'~~					
					~~210'~~					
					~~220'~~					
			10 - 14.5 massive mafic flow with rubble from 11' to 12' - speckled with leucoxene							
			14.5 - 22 fragmental zone with 5 - 10% early quartz - carbonate stringers segmented and quartz healed sericite and chlorite fractures parallel foliation; 1% fine pyrite overall & up to 5% locally; slickensides vertical on foliation							
			22 - 32 massive mafic flow with minor .5 cm by 1 cm. chlorite filled vesicules; the rock gradually appears to be more distinctly fractured at depth with chlorite in the interstices; it is also more bleached at depth with carbonate							
			32 - 51 pillowed mafic volcanic - the top 2' of this unit is a bleached silicified pillow breccia with tops up the							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

Hole No. GF90-8 | Page No. 2

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au	
			hole; chilled fractures are chlorite filled while sericite								
			and fine pyrite are in later fractures; the pillowed								
			portion contains many chloritic selvedges penetrated								
			by later pyrite bearing slickensided sericitic								
			fractures which are sub parallel to the core axis;								
			the pillows are typified by carbonate filled fractures								
			51' - fault marked by 2" of rubble and kaolinite								
			51-61' - massive flow with leucoxene speckles and			13001	58.8	61.9	3.1	14	
			chlorite filled fractures - from 59-61' the								
			rock is entirely rusted and contains rubble	-							
			and quartz - carbonate veining ~~[illegible]~~ at 61'								
			61-62' fault with rubble and kaolinite entirely rusted								
			with quartz carbonate veining								
			62-115.5 coarse mettled flow with 5% dilatant			13002	100.2	101.3	1.1	23	
			carbonate filled fractures at 83' and 101'								
			there are 4" and 6" rusty quartz-carbonate								
			veins								
			115.5 - 130.5 carbonate-pyrite-sericite tectonic vein breccia			13003	115.25	118.83	3.6	305	
			with minor fine grain siliceous component			13004	118.83	124.2	5.3	243	
			within finegrained carbonate and silica filling			13005	124.2	130.6	6.4	243	
			dilatant fractures; white and pink carbonate								
			are the original material comprising 35% of the unit								
			and are segmented by dilatant chlorite and pyrite								
			bearing material succeeded by apple green carbonate in a								
			ubiquitous matrix which in turn is cut by sericite								
		succeeded by sulphidization	which is succeed by a minor late dilatant								
			quartz carbonate vein								
			130.5' - 133' rusty quartz carbonate vein and	25°							
			fractured rusty coarse mafic flow completely			13006	130.6	134.1	3.5'	29	
			carbonatized								
			133' - 168' coarse grain mottled to speckled mafic flow;								
			intensely fractured from 134' to 138' probably a	30°		13007	134.1	138.8	4.7	10	
			fault subparallel to core axis;			13008	146.0	147.3	1.3'	3	
[illegible]	171.25	Quartz-Feldspar Porphyry	~~[illegible]~~ Pale greenish buff rock brecciated for the	20°	170						
			first foot with chlorite and sericite in interstices and								
			fine grain in this section succeeded by porphyritic								
			zone dominated by matrix supported fine grained								
			matrix ~70% and 25% 1mm feldspar phenocrysts								
			and 5% quartz phenocrysts								
[illegible]	184.5	Mafic Metavolcanic	Flow - fine to medium leucoxene speckled	40°	180						
			light to medium greyish green rock with 5%	18°	190						
			dilatant carbonate filled fractures								
[illegible]	[illegible]	Quartz-Feldspar Porphyry	Pale greenish buff porphyritic rock with similar	18°							
			appearance to porphyry above; chill and shear								
			contacts with graphite - carbonate shear subparallel								

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au.
			to core axis; sinistral displacement on fracture of 1 foot but graphite slickenside is approximately parallel to chill contact @ 45° to core axis at base; chill contact at top at 25° to ca.							
197	208.25	Mafic Metavolcanic	Medium greyish green with buff leucoxene specktles medium grain homogenous slightly foliated flow similar to units above 209' sericitic breccia zone with minor quartz feldspar porphyry	30°	200					
208.25	209.75	Quartz Feldspar Porphyry	Creamy white very fine grain segments isolated by light grey fine grain quartz bearing matrix and phenocrysts; sericite and chlorite in fine slickensided foliation parallel shears. 209.75 shear contact							
209.75	228	Mafic Metavolcanic	Medium to coarse speckled (buff leucoxene) flow medium to dark greyish green with a substantial part of the unit containing sericite and apple green carbonate 209.75 - 217 brecciated and foliated flow contact with quartz - carbonate veining 225 - 228 brecciated flow with quartz carbonate veining intensifying; up to 5% fine grained pyrite	20° 30°	210 220					
						75559	225.0	228	3.0	553
228	250	Quartz-Carbonate Vein Breccia - Mafic Flow Breccia	Complexly Brecciated and altered rock	20°	230	13009	228.0	233.35	5.35	1943
			228 - 237? - Quartz - carbonate - graphite pyrite vein breccia in mafic speckled flow; white carbonate laminae interlaminated with graphite; quartz and chlorite dilation fillings; laminae folded and take on form of imbricate thrusts filled with sericite carbonate and fine grained sulfides foliation sub parallel to core axis	40° 30°	240 250	13010 13011 13012 13013	233.35 237.6 242.5 246.7	237.6 242.5 246.7 250.7	4.25 4.8 4.3 4.0	393 235 89 686
			232 - 239 mildly carbonate brecciated and foliated speckled flow							
			234 - 247.5 trashy broken carbonatized and oxydized flow, vein and fault breccias							
			247.5 - 248' flow breccia (mafic flow)							
			248.0 - 248.5 fault gouge & clay	30°						
			248.5 - 250 Mafic flow breccia							
250	286	Mafic Metavolcanic	Buff leucoxene speckled light to medium greyish green flows largely homogenous and weakly foliated with breccia & more strongly foliated, altered and mineralized flow contacts 251.5 - 256.5 minor quartz carbonate breccia with broken core	15° 25° 12°	260 270 280					
286	341.5	Shear Zone	Intensely sheared rock injected with quartz and quartz carbonate veins and vein breccias which were subsequently foliated with sericite carbonate	15° 30° 20°	290 300 310	13014 13015 13016	285.7 288.2 292.2	288.2 292.2 297.2	2.5 4.0 5.0	10 27 38

Footage From	Footage To	Rock Type	Hole No. GF90-8 / Page No. 4 — Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au	Ag ppm	Mo	Cu
			addition accompanied by pyrite followed by a late angular brecciation mineralized with very fine grain pyrite, sericite and carbonate; upper contact at a 16°	15°	320	13017	293.8	296.8	3.3	14			
				26°	330	13018	296.8	297.8	1.0	802			
						13019	297.8	301.25	3.45	3567			
			286 - 297.7 Strongly sheared and foliated leucocrene spotted mafic metavolcanic flow with 15 - 20% quartz - carbonate stringers and minor 1% tr. py.; more intensely silicified with more sericite progressing down into unit										
			297.7 - 325.1 Quartz - carbonate vein and vein breccia with 80-90% recessive quartz - carbonate fragments and vein surrounded by buff coloured sericite carbonate mixture; paleosome buff to creamy material is diffuse with trace 1% to minor relict quartz eyes (probably a quartz-feldspar porphyry) late foliated pyrite specks/aggregates locally up to 20% but 4-5% overall. Occ specks of tetrahedrite; 40-50% fine quartz-carbonate; 20-30% sericite carbonate mixture carrying paleosome and quartz-carb vein fragments			13020	301.15	305.0	3.75	3.99			
						13021	305.0	305.4	0.4	1284			
						13022	305.4	310.6	5.2	766			
						13023	310.6	315.25	4.65	123			
						13024	315.25	320.3	5.05	117			
						13025	320.3	325.1	4.8	442			
			325.1 - 328.7 Quartz vein and Tectonic vein breccia - white to waxy vein quartz broken and brecciated; the initial breciation is filled with minor carbonate and sericite with pyrite and possibly molybdenite as a telluride with a bluish tinge on a grey metallic; second brecciation is open packed with up to 20% pyrite and minor molybdenite and forms upper wall of zone - it looks like a tectonic breccia VISIBLE GOLD specks at end of zone		.099 / 3.61	13026	325.1	326	.0.9	5126	18.1	15	137
						13027	326	326.6	0.6	4766	7.7	4	28
						13028	326.6	328.7	2.1	2256	3.7	9	64
			328.7 - 336 MINE WORKINGS - drift, or stope approximately on the 300' level.										
			336 - 341.5 Quartz - carbonate vein and vein breccia; 30% layers of segmented white vein quartz with a 50% matrix of sericite and carbonate; locally up to 5% pyrite with trace molybdenite, graphite, and tr. cu tetrahedrite; late carbonatization increases in intensity towards end of section	17°	340'	13029	336	340	4.0	480	0.4	5	51
						13030	340	341.4	1.4	387	0.6	10	149
						13031	341.4	345.7	4.3	27	0.1	6	28

Footage From	Footage To	Rock Type	Hole No. GF 90-8	Page No. 5	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au ppb	Ag ppm	Mo ppm	Cu ppm
341.5	429.9	Mafic Metavolcanic	very light grey to light greyish green and buff rock gradually darkening to a dark greyish green; massive to brecciated (and pillowed mafic flows); the massive unit at the top yields to hyaloclastic breccia then a well developed pillow lava; fine grain to aphanitic with a trace of leucoxene specks at top of zone, locally up to 3% fine disseminated pyrite and in quartz-carbonate veins and sulphide veinlets	40°	350									
				25°	360									
				23°	370									
				20°	380									
				25°	390									
				20°	400									
				20°	410									
				30°	420									
			341.5 - 349 massive to foliated relatively homogeneous pale grey and green flow with trace leucoxene specks; carbonatized, lapy, 5% carb stringers					13031	341.4	345.7	4.3	27	0.1	6	28
								13032	345.7	350	4.3	14	0.1	8	29
			349 - 429.9 pale grey and green to medium greyish green hyaloclastic breccia, fine grain to aphanitic, carbonatized especially the fragments with more chloritic matrix with minor sericite py 5% in dissemination and stringers 3% carbonate veinlets					13033	350.0	355.0	5.0	Nil			
								13034	355.0	360.0	5.0	38			
								13035	360.0	365.0	5.0	147			
								13036	365.0	369.9	4.9	398			
								13037	369.4	370.6	0.7	1985			
								13038	370.6	375	4.3	51			
								13039	375	380	5.0	3			
429.9	433.9	Shear Zone & quartz vein breccia	429.9 - 433.9 Shear zone - waxy white to medium grey and strongly foliated shear zone with multiple gen of quartz carbonate veins, sericite, open carbonate veins and locally up to 20% pyrite, unidentified grey black ~~stringers~~ metallic mineral near top of zone	20°	430			13040	380	385	5.0	137			
								13041	385	390	5.0	245			
								13042	390	395	5.0	24			
								13043	395	398.7	3.7	31			
						.147	4.1	13049	429.1	432.6	3.5	6017	4.7	262	467
						5.1		13050	427.8	429.3	1.6	2914	3.1	98	101
								13051	429.3	430.3	1.0	470	0.7	9	18
429	530	Mafic Metavolcanic	light to dark greyish green pillow lava, fine grain to aphanitic, interbal fragments outlined by stringers dark chloritic matrix which is bordered on interior of pillows by a weak faint hematitic tinge; carbonate veinlets frequently in the selvedge zones with chlorite and the pillows are frequently zoned; carbonatization decreased downward; 2% sulfides py & tr cp in dissemination and stringers; 2% carbonate stringers sometimes with red hematite streaks; rock is weak to moderately magnetic and appears to be a high iron chlorite	30°	440	13052	430.3	430.8	0.5	1037	3.0	47	76
				25°	450	13053	430.8	433.9	3.1	21			
				25°	460	13054	433.9	440	6.1	89			
				35°	470	13055	440	445	5.0	7			
				25°	480	13056	445	449.7	4.7	12			
				25°	490	13057	449.7	455	5.3	10			
				30°	500	13058	455	460	5.0	14			
				25°	510	13059	460	465	5.0	15			
				20°	520	13060	465	470	5.0	10			
				25°	530	13061	470	475	5.0	NIL			
						13062	475	480	5.0	NIL			
						13063	480	485	5.0	NIL			
530			End of hole			13094	390.7	399.6	0.9	3621			
						13095	399.6	405.0	5.4	29			
						13096	410.9	415.0	4.1	29			
						13097	415	420.0	5.0	24			
						13098	420	424.8	4.1	3			
						7554	405.0	410.9	5.9	17			
						13069	488	490	5.0	NIL			

Footage From	Footage To	Rock Type	Hole No. GF90-8	Page No. 6	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au
					SLUDGE SAMPLE RESULTS			13066	495	500	5.0'	216
					Au ppb			13067	500	505	5.0	NIL
								13068	505	510	5.0	7
								13069	510	515	5.0	NIL
10	30				51			13070	515	520	5.0	NIL
30	50				185			13071	520	525	5.0	NIL
50	70				79			13072	525	530	5.0	75
70	90				89			7554	405	410.9	5.9'	17
90	110				76							
110	130				117							
130	150				38							
150	170				86							
170	190				62							
190	210				72							
210	230				869							
230	250				274							
250	270				245							
270	290				166							
290	310				984							
310	330				1080							
					5044/5.1'							

(82/1)

International Platinum Corporation

Hole No. GF90[redacted] | Page No. 1

Drilling Company: HEATH AND SHERWOOD DD	Collar Elevation: -9.9 m ASL	Bearing of hole from true North: 350°	Total Footage: 533	Dip of Hole at: Collar 60°	Address/Location where core stored	Map Reference No.	Claim No.
Date Hole Started: AUG 20, 1990	Date Logged: Aug 23 1990	Logged by: J R Trusler		250 Ft. 60°		Location (Twp., Lot, Con. or Lat. and Long.): 2.575E 5+445 (metric grid)	
Date Completed: AUG 22, 1990	Date Submitted	Submitted by (Signature)		533 Ft. 53°			
Exploration Co., Owner or Optionee: International Platinum				Ft.		Property Name: GOODFISH	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage *	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
0	10	OVERBURDEN								
10	317	Mafic Metavolcanics	Beige speckled to mottled light to dark greyish green rock with narrow sections up to 6 near the top of the unit which are oxydized to a rusty brown colour fine to coarse grain massive poorly foliated relatively homogeneous sections are interrupted by more highly foliated fractured and/or sheared fragmental zones with pillow selvedges and/or flow breccias; the more massive sections are speckled or mottled with fine to coarse leucoxene, contain up to 5% dilatant quartz carbonate stringers and rarely contain chlorite vesicules - these sections are sulphide poor and non magnetic are metamorphosed to a greenschist assemblage with carbonate and chlorite evident throughout the more fragmental and fractured sections are highly variable in appearance representing several different events including cooling fractures, pillows, alteration, silicification, occasional brecciation sericitization and pyrite mineralization; pyrite varies from traces to locally 20%.							
			10-20 mafic flow - medium grain speckled with leucoxene and weakly foliated	21°	10					
				15°	20					
			20-33 mafic flow - fine to medium grain leucoxene speckled weakly foliated medium greyish green rock with 1' flow top breccia at top of section; multiple sinuous cooling fractures and brecciation filled with chlorite and carbonate	25°	30					
			33-43 mafic pillow breccia; brecciated and sheared leucoxene spotted rock medium greyish green locally 5% py 5% carbonate stringers & sericite	25°	40					
						17073	42.9	46.0	3.1	187
			43-44 kaolinite & fault gouge at 10° to core axis							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

		Angle	Footage	Sample No.	From	To	Length	Au ppb
49 - 52.5	silicified pillow lava, pale greyish green with sericite and chlorite spots; very fine leucoxene speckles; py 5% in streaks, clots, cubes and very finely disseminated sericite in several shear planes.	35	50	13074	46.0	50.3	4.3	52
				13075	50.3	52.5	2.2	158
				13076	52.5	55.25	2.75	86
55.5 - 59	pillows breccia medium to dark grey, locally up to 10% py and 10% carbonate in tension gashes.							
59.0 - 59.5	red oxydized carbonate shear							
59.5 - 317	thick mafic flow - medium to coarse grained interrupted by shears, faults and quartz carbonate veins but contains speckles and mottled sections of leucoxene throughout 5% carbonate veinlets	15°	60					
		20°	70					
		25°	80					
		25°	90					
		12°	100					
67 -	3" oxydized carbonate shear	15°	110					
76	17" quartz carbonate vein	25°	120	13077	76	77.3	1.3	7
88	6" quartz carbonate vein							
99	6" quartz carbonate vein							
105 - 106	quartz carbonate breccia in shear @ 10-15°							
118	oxydized shear @ 15° to CA							
129.7 - 126	quartz - carbonate vein with tourmaline			13078	129.7	126	1.3	NIL
126	fault gouge @ 052°			13079	126	128.5	2.5	13
127	6" rusty carbonatized zone			13080	128.5	134.4	5.9	NIL
128.5 - 134.3	rusty carbonatized zone	20°	130					
137 - 140.7	rusty carbonatized zone	20°	140	7556	136.7	140.8	4.1	3
185.3 - 186	quartz carbonate vein	25°	150	13081	185.3	186.0	0.7	NIL
186 - 220	shear zone and carbonate breccia open space sericitic addition; shearing @ 5° to c.a.	30°	160	13082	186.0	191.2	5.2	62
		25°	170	13083	191.2	196.0	4.8	21
220.5 - 224.5	quartz carbonate vein with sulfides in felsic fg. material; sheared & pyritic - 5%	20°	180	13084	196.0	201.0	5.0	24
		30°	190	13085	201.0	206.0	5.0	NIL
224.5 - 233.5	moderate shear with carbonate sericite addition and quartz carbonate veinlets	15°	200	13086	206.0	211.0	5.0	NIL
		20°	210	13087	211.0	216.0	5.0	17
		25°	220	13088	216.0	221.1	5.1	17
233.5 - 236.3	sheared quartz feldspar porphyry	20°	230	13089	221.1	226.0	4.9	21
236.3 - 241	moderate shearing	30°	240	13090	226	231.5	5.5	117
241 - 250	brecciated quartz carbonate vein and fault gouge @ 30° to c.a. core recovery 70%	25°	250	13091	231.5	236	4.5	154
				13092	236	241.3	5.3	240
250 - 257	minor quartz carbonate breccia with 5% py in sheared and brecciated fg. carbonate unit			13093	241.3	246	4.7	243
				13094	246	249.5	3.5	901
				13095	249.5	252.3	2.8	2407
257 - 263	intense shearing & brecciation of gcv's with sericite @ 5° to c.a. 5% py.	15°	260	13096	252.3	256.8	4.5	295
				13097	256.8	262.1	5.3	2640
263 - 286.2	sheared hyaloclastic breccia with 15% sericite 2% pyrite	15°	270	13098	262.1	263.9	1.8	1885
		25°	280	13099	263.9	268.7	4.8	238
286.2 - 294.5	sheared and brecciated quartz carbonate vein in a hyaloclastic breccia.	25°	290	13100	268.7	274.1	5.4	69
				13101	274.1	278.6	4.5	147
294.5 295	fault gouge at 15° to c.a. 5-10% py			13102	278.6	283.4	4.8	55
295 - 299	tectonic breccia of gcv with 5% py			13103	283.4	286.1	2.7	51

			306.4 - 307 mafic flow			13105	291.6	294.0	2.4	96		
			307 - 311 qav in mafic flow subparallel to c.a.	20	310	13106	294.0	295.3	1.3	555		
						13107	295.3	299.4	4.1	333		
317	367.6	SHEAR ZONE	Intensely sheared rock injected with quartz and quartz			13108	299.4	303.0	3.6	110		
			carbonate veins and vein breccias which are			13109	307	311.1	4.1	197		
			strongly foliated with sericite - carbonate replacement			13110	315.5	321.2	5.7	518		
			accompanied by pyrite; the late tectonic quartz breccia									
			appears to be absent from this core section; the zone									
			commences in a leucoxene spotted mafic flow									
			and the paleosome material becomes a brecciated									
			pillow flow or hyaloclastic breccia part way									
			through.									
			317 - 321.5 sheared leuc sp. mafic flow with qcv.	20	320							
			321.5 - 335.5 bleached quartz carbonate sericite vein	30	330	13111	321.2	322.3	1.1	120		
			breccia with quartz eyes 2-5% sulfides			13112	322.3	322.7	0.4	19		4
			fine chlorite slips at 322.3 - 322.7 and			13113	322.7	324.6	1.9	120		
			329.8 - 330.5 with fine V.G.?			13114	324.6	327.0	2.4	Nil		
			335.5 - 348 light to medium greyish green laminated	20	340	13115	327.0	329.9	2.9	10		
			chlorite - greene white carb - sericite - quartz			13116	329.9	330.5	0.6	499		30
			rock with some brecciation - graphite			13117	330.5	331.7	1.2	29		
			in laminae - 5-10% py.			13118	331.7	334.8	3.1	14		
			348 - 364.4 Light pale grey to buff laminated silicified and	35	350	13119	334.8	336.5	1.7	7		
			carbonatized quartz - carbonate - sericite	20	360	13120	336.5	341.3	4.8	209		
			rock - cataclastic texture with 2-5% sulfides			13121	341.3	343.0	1.7	1290		
			- more carbonate than silica			13122	343.0	344.5	1.5	34		
			364.4 - 367.6 laminated shear zone with qcv			13123	344.5	346.8	1.3	118		
			containing V.G. chl and mo.			13124	346.8	351.5	4.7	17		
			5% sulfide.			13125	351.5	356.0	4.5	48		
						13126	356.0	361.1	5.1	99		
367.6	533	Mafic Metavolcanics	Very light grey and light greyish green to buff in	35°	370	13127	361.1	364.4	3.3	151		6
			sections gradually darkening to a medium greyish	20°	380	13128	364.4	367.6	3.2	5006	.146/3.2'	8
			green with very dark green sinuous chloritic	20°	390	7553	367.6	370.4	2.8	346		
			fracture healing; fine grain to aphanitic; massive	30°	400	13129	370.4	373.1	2.7	494		
			to brecciated and pillowed mafic flows with	25°	410	7571	373.1	379.1	6.0	395		
			minor quartz carbonate veining and/or sulfides	35°	420	7572	380.0	384.9	4.9	31		
			usually in the flow tops; sulfides are py, cp	35°	430	13138	523.5	528.4	4.9	13		
			and very rarely molybdenite.	30°	440	13139	528.4	533.0	4.6	3		
			367.6 - 379 massive flow pillowed at top	22°	450							
			379 - 385 massive mafic flow tops up hole	20°	460	13130	379.1	380.0	0.9	1555		
			385 - 446 pillow breccia with flow top at top; vein @ 441'	30°	470	13131	384.9	386.2	1.3	710		
			446 - 456 sheared and veined flow top breccia qcv	20°	480	13132	441.3	442.0	0.7	226		
			mo.	30°	490	13133	446.0	451.3	5.3	125	[illegible]	
			456 - 516 mafic flow with sinuous chl healed fractures	30°	500	13134	451.3	456.1	4.8	41	[illegible]	
			vein @ 510 - 511	90°	510	13135	509.7	514.6	4.9	31		
			516 - 533 pillow lavas with flow top from 526 - 527	50°	520	13136	514.6	519.2	4.6	10		
			End of Hole	40°	530	13137	519.2	523.5	4.3	10		

30	50	223
50	70	108
70	90	364
90	110	264
110	130	113
130	150	79
150	170	117
170	190	254
190	210	171
210	230	137
230	250	82
250	270	264
270	290	784
290	310	473
310	330	389
330	350	189
350	370	185
370	390	562
390	410	736
410	430	408
430	450	283
450	470	192
470	490	165
490	510	51
510	533	27

GF 90-10 1

AUG 22, 1990	Date Completed: AUG 23 1990
Exploration Co., Owner or Optionee: International Platinum	
Date Logged: Aug 23 1990	Logged by: J.R. Trusler
Date Submitted	Submitted by (Signature)
350 / 346	Collar: 50
	250 Ft.: 47
	346 Ft.: 45
	Ft.
	Ft.
Address/Location where core stored	
Map Reference No.	Claim No.
Location (Twp., Lot, Con. or Lat. and Long.): 7.5E 5+44S (metric grid)	
Property Name: GOODFISH	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage *	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au	Ag	Pt
0	18	OVERBURDEN										
18	131.1	MAFIC METAVOLCANICS	Beige speckled to mottled light to dark greyish green rock with narrow sections up to 6' near top of the unit which are oxidized to a rusty brown colour; fine to coarse grain massive or poorly foliated relatively homogeneous sections are interrupted by more highly to [illegible] fractured and/or sheared fragmental zones (with pillow selvedges and/or flow breccias); the more massive sections are speckled or mottled with fine to coarse leucoxene, contain up to 5% dilatant quartz carbonate stringers and rarely contain chlorite vesicules - these sections are sulfide poor and non-magnetic are metamorphosed to a greenschist assemblage with carbonate and chlorite evident throughout; the more fragmental and fractured sections are highly variable in appearance representing several different events including [illegible] fracture, pillows, alteration, silicification, carbonatization, sericitization and pyrite mineralization; pyrite varies from trace to locally 20%.									
			11-? [illegible] carbonate [illegible] 90% core recovery	30	11'	13140	11.0	16.0	5.0	497		
			?-? bleached pillow breccia 5% sulfides py	20	20'							
			[illegible] core [illegible] stringers	25	30'							
			[illegible] rusty carbonatized section	30	40'							
			?-59 qtz [illegible] vein in rusty carb zone	30	50'	13141	55.8	65.8	4.2	41		
			55.7-68.2 sheared qtz carb [illegible]	20	60'							
			68.2-71.5 weak shearing	30	70'	13142	65.8	68.4	2.6	106		
			?-72.6 fault gouge @ 15°	20	80'							
			72.6-93 intense [illegible] and minor brecciation	50	90'							
			[illegible] added [illegible]			13143	93.8	96.8	3.0	34		
			?-97 sheared qz vein tourmaline			13144	99.6	105.2	5.6	65		
			99.6-105.2 sheared qz vein, molybdenite <1% py 1%	50	100'							

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

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From	To	Rock Type	GT 90-10 / 2 — Description (Colour, grain size, texture, minerals, alteration, etc.)	Angle °	Core Specimen Footage	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Au	Ag	Mo
			107.8-109.7 Fault gouge									
			109.7-1[illegible] Apple green carbonate [illegible]									
			and shearing [illegible]	40	110							
			1[illegible]5-121 sheared quartz carbonate vein	70	120	13195	1[illegible]5.5	121	[illegible]	69		
			12[illegible]-131.1 fault gouge and sheared qcv @35°	20	130	13196	12[illegible].3	131.1	[illegible]	Nil			?
131.1	237.8	SHEAR ZONE	Buff [illegible] sericitized [illegible]									
			rock gradually fading in intensity towards									
			the bottom of the section [illegible] light to medium									
			greyish green; [illegible]									
			(with quartz and [illegible])									
			by extensive [illegible] alteration [illegible]									
			foliated at [illegible] foliation with [illegible]									
			[illegible]									
			and pillow lavas [illegible] (carbonate)									
			comprise the [illegible] material of the [illegible]									
			quartz breccia [illegible]; pyrite									
			1-5% molybdenite and/or [illegible]									
			at up to [illegible] locally	20°	140.							
			146.5-152.6 sheared quartz carbonate vein	20°	150	13148	146.5	150.0	3.5'	295	0.4	253
			152.6-159 [illegible] pillow lava			13149	150.0	155.0	5.0'	103	0.1	9
			159-173 medium grey to buff and white qcv and	25°	160	13150	155.0	160.0	5.0'	326	0.2	6
			breccia with [illegible], molybdenite and	35°	170	13151	160.0	165.0	5.0'	487	0.3	96
			pyrite			13152	165.0	170.0	5.0'	593	0.2	19
			173-205 Variegated white qcv and buff carbonate	30°	180	13153	170.0	175.0	5.0'	463	0.6	9
			sericite alteration with occasional	20°	190	13154	175.0	180.0	5.0'	579	0.8	5
			[illegible] 2% [illegible]	20°	200	13155	180.0	185.0	5.0'	216	0.1	4
			[illegible] fracture filling			13156	185.0	190.0	5.0'	34	0.1	4
			205-208.4 qcv breccia with up to [illegible] pyrite			13157	190.0	195.0	5.0'	17	0.1	3
			[illegible] tourmaline			13158	195.0	200.0	5.0'	3	0.1	3
						13159	200.0	205.0	5.0'	10	0.1	3
			208.4-215 [illegible] qcv material brecciated	20°	210	13160	205.0	208.4	3.4	27	0.1	4
			with [illegible] sericite healed			13161	208.4	210.0	1.6'	Nil	0.1	3
			fractures			13162	210.0	215.0	5.0'	5	0.1	3
			215-237.8 sericite [illegible]	50°	220							
			light [illegible] grey [illegible]	30°	230							
			[illegible]									
			[illegible]									
237.8	348	MAFIC METAVOLCANIC	Very light grey to [illegible]									
			gradually [illegible] medium grained [illegible]									
			dark greyish green chlorite [illegible]									
			and [illegible]									
			[illegible] dark greyish green [illegible]									
			reddish hematite [illegible]									
			[illegible], magnetic attraction is weak to moderate									
			[illegible]									
			[illegible] are common.									

3[illegible]/11)

		[illegible]–301	pillowed flow with a [illegible] brecciated	20°	260
			zone at [illegible] chl[illegible] healed [illegible]	45°	270
			fractures common throughout	40°	280
		301–309.4	massive fine to medium grain flow	25°	290
		309.4–320	pillow breccia	20°	300
		320–346	massive flow fine to medium grain	20°	310
			medium to dark greenish green with	25°	320
			[illegible] healed core line fractures through-	20°	330
			out and minor pink (cast from hematite)	30°	340
346			End of Hole		

SLUDGE SAMPLES

From	To	Au ppb
11	30	669
30	50	38
50	70	96
70	90	112
90	110	147
110	130	120
130	150	171
150	170	331
170	190	569
190	210	175
210	230	163
230	250	65
250	270	151
270	290	55
290	310	206
310	330	31
330	346	58

International Platinum Corporation

Field	Entry
Hole No.	GF9[illegible]
Page No.	1
Drilling Company	HEATH AND SHERWOOD DRILLING
Collar Elevation	-9.9 wrt shaft
Bearing of hole from true North	030°
Total Footage	393'
Dip of Hole at Collar	62°
Dip of Hole at 393 Ft.	51.5°
Dip of Hole at Ft.	
Dip of Hole at Ft.	
Dip of Hole at Ft.	
Address/Location where core stored	
Map Reference No.	
Claim No.	
Date Hole Started	Aug 24 1990
Date Completed	Aug 29 1990
Date Logged	Aug 29/90
Logged by	J.R. Trusler
Location (Twp., Lot, Con. or Lat. and Long.)	2+57.5E 5+44S (metric grid)
Exploration Co., Owner or Optionee	INTERNATIONAL PLATINUM CORP.
Date Submitted	
Submitted by (Signature)	
Property Name	GOODFISH LAKE

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage *	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au	Ag	Mo
0	11	OVERBURDEN										
11	238.2	MAFIC METAVOLCANICS	Variegated rock; being speckled to mottled medium to									
			dark greyish green with sections up to 6' in length									
			of rusty oxidized, carbonatized rock; fine to									
			coarse grain relatively homogeneous massive to poorly									
			foliated sections are interrupted by more highly									
			foliated, fractured and/or sheared fragmental zones									
			containing pillows and/or flow breccias; the									
			speckling is attributable to leucoxene and the									
			massive zones contain up to 5% dilatant quartz									
			carbonate stringers; the massive material is									
			sulfide poor and non magnetic while the									
			more fragmental and fractured sections are									
			highly variable in appearance - being attributable									
			to various phenomena including; flow			7560	70	75	5.0	19		
			brecciation, hyaloclasis, silicification, carbonatization			7561	75	80	5.0	555		
			sericitization and pyrite mineralization; pyrite			7562	80	85	5.0	1370		
			varies from trace to 20%			7563	85	90	5.0	166		
			11.2 - 14.9 QC vein sheared	40°	11	13163	11.2	14.9	3.7	65	0.2	3
			32 - 51 sheared pillow breccia	35°	20	7564	90.0	95.0	5.0	20		
			51 - 52 rusty qtz carb vein	35°	30	7565	95	101.1	6.1	90		
			95 - 101 fault zone and breccia at <10° to c.a.	50°	40	7557	101.1	106	4.9	2170		o
			101 - 119.0 quartz carbonate veining and breccia in	45°	50	13164	106	111	5.0	156		
			a shear zone; much of zone [illegible]	50°	60	13165	111	114	3.0	117	0.5	4
			rich with white [illegible]	60°	70	13166	114	116	2.0	807	1.3	804
			apple green colouration; sericite is also	40°	80	13167	116	119	3.0	82	0.2	14
			pervasive; pyrite to 20% locally up to	50°	30	7566	119	122.0	3.0	60		
			5% mo locally	45°	100	7567	122.0	123.4	1.4	864		
			122 - 123 qsv c 1% mo	40°	110	7568	123.4	127.0	3.6	35		
			127 - 167 shear zone containing [illegible]	45°	120	13168	127	132	5.0	154	0.2	4
			white and lavender quartz - carbonate veins;	50°	130	13169	132	137	5.0	415	0.2	28
			strong sericitization, carbonatization	60°	140	13170	137	142	5.0	1343	0.2	25
			throughout and local silicification	40°	150	13171	142	147	5.0	2349	1.3	25

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

Footage From	To	Rock Type	GF90-11 | 2 | [redacted] Colour, grain size, texture, minerals, alteration, etc. [redacted] 215.5 col.	[redacted] Angle	[redacted] Footage	[redacted] Sample No.	[redacted] From	[redacted] To	[redacted] Length	[redacted] Au	[redacted] Ag	[redacted] Mo
			up to 10% py locally and several narrow quartz veins	50°	160	13172	147	152	5.0'	491	84	5
			148 - 1" fine grain quartz veinlet within quartz - carbonate	20°	170	13173	152	157	5.0'	45		
			vein	25°	180	13174	157	158.1	1.1'	69		
			152 - 157 apple green carbonate alteration and	45°	190	13175	158.1	158.6	0.5'	108		
			1% pyrite in fine grained clusters and	35°	200	13176	158.6	159.8	1.2'	437		
			stringers	35°	210	13177	159.8	162.0	2.2'	3		
			158.1 - 158.6 quartz vein - broken 20% core loss	65°	220	13178	162	166	4.0'	7		
			159.0 - 160.2 quartz vein breccia and quartz	20°	230							
			vein - tourmaline									
			165.5 - 167.5 thin contorted quartz vein									
			186.5 - 191 fault gouge with qcv									
			191 - 198 light to medium greenish grey fine grained									
			leuc speckled mafic flow with minor sinuous									
			hyaloclasis									
			207 qcv 0.5'									
			208 - 215.4 healed fault breccia or flow breccia									
			215.5 - 219.5 qcv breccia									
			219.5 - 220.5 intense sericite alteration in shear									
			zone			[illegible]	[illegible]	[illegible]	[illegible]	130		
			220.5 - 226.5 sheared qcv c̄ up to 20% fine pyrite			13179	220.5	222.9	2.4'	1728		
			tourmaline chlorite and intense			13180	222.9	226	3.1'	2632		
			sericite alteration									
			226.5 - 235 - amygdaloidal pillow lava 2:1 strain									
			ratio, pervasive sericite alteration									
			no leucoxene spotting									
			235 - 238.8 - massive altered flow									
						13181	238.2	243.2	5.0	106		
238.8	[illegible]	SHEAR ZONE	Pervasively sheared altered and mineralized	35°	240	13182	243.2	245.1	1.9	353		
			rock with intensively sheared foliated and	30°	250	13183	245.1	249.6	4.5	17		
			lineated quartz carbonate vein throughout	30°	260	13184	249.6	256.0	6.4	431		
			sericite dominant and green carbonate dominant	35°	270	13185	256.0	261.0	5.0	1545		
			sections alternate with the sheared and brecciated	35°	280	13186	261.0	266.0	5.0	850		
			vein sections; locally up to 15% pyrite,	35°	290	13187	266.0	271.1	5.1	346		
			molybdenite and graphite also present in or adjacent			13188	271.1	274.4	3.3	127		
			to the breccia veins			13189	274.4	279.4	5.0	82		
			243. - 249.1 graphite rich vein with py mo			13190	279.4	284.4	5.0	110		
			256 graphite rich section			13191	284.4	291.4	7.0	209		
					7	13192	291.4	294.5	3.1	617		
291.4	393	MAFIC METAVOLCANICS	Buff to light grey to light greyish green highly altered	45°	300	13193	294.5	296.6	2.1	254		
			(sericitized) and strained zone at [illegible] gradually	40°	310	13194	296.6	303.2	6.6	69		
			becoming dark greyish green and dark grey;	25°	320	13195	303.2	308.2	5.0	192		
			chiefly pillows breccias, flow breccias and pillow lavas	40°	330	13196	308.2	313.2	5.0	133		
			fine to medium grain weakly to moderately	60°	340	13197	313.2	318.8	5.6'	55		
			magnetic - abundant chlorite progressively through	50°	350	13198	318.8	323.8	5.0	14		
			section	75°	360							

From	To	Rock Type	SF-90-11 | 3 — Colour, grain size, texture, mineralogy, alteration, etc.	Angle°	Footage	Sample No.	From	To	Length	Au ppb
			291.4 - 291.8 leucocrene speckled massive section	30°	370					
			291.8 - 308.2 complex flow and pyroclastic breccia with up to 10% py locally intense sericite alteration	60°	380					
				40°	390					
			308.2 - 348 altered pillow breccia with sericite and sulfide mineralization and strain dissipating downwards into more pervasive chlorite alteration			13199	323.8	329	5.2'	24
						13200	329.0	339.0	5.0	17
						13201	339.0	340.0	1.0	41
						13202	340.0	346.0	6.0	95
			348 - 393 pillow lava with minor hyaloclasis			13203	346.0	351.0	5.0	61
						13204	351.0	356.1	5.1	3
393			End of Hole			13205	356.1	362.9	6.8	Nil
			SLUDGE RESULTS							
			Au ppb							
10	30		38							
30	50		192							
50	70		62							
70	90		1379							
90	110		2527							
110	130		710							
130	150		1595							
150	170		432							
170	190		168							
190	210		120							
210	230		360							
230	250		139							
250	270		497							
270	290		238							
290	310		570							
310	330		196							
330	350		290							
350	370		66							
370	390		86							
390	393		129							

International Platinum Corporation

Hole No. GF80-12 | Page No. 1

Drilling Company: HEATH AND SHERWOOD DRILLING	Collar Elevation: -3.2 wrt theft	Bearing of hole from true North: 074°	Total Footage: 596	Dip of Hole at: Collar 61; 250 Ft. 61; 596 Ft. 61; Ft.; Ft.	Address/Location where core stored
Date Hole Started: Aug 29 1990 — Date Completed: Sept. 5 1990	Date Logged: Sept 4,5	Logged by: J.R. Trusler			Map Reference No. — Claim No. [redacted]
Exploration Co., Owner or Optionee: INTERNATIONAL PLATINUM CORPORATION	Date Submitted	Submitted by (Signature): James R Trusler			Location (Twp., Lot, Con. or Lat. and Long.): 1+81 E, 5+475 } metric grid (not square!)
					Property Name: GOODFISH LAKE

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage *	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au ppb	Assays † Mo ppm	Assays † [illegible]
0	14	OVERBURDEN										
14	455.3	MAFIC METAVOLCANICS	Variegated rock; beige speckled light to generally medium	40°	14'							
			greyish green, with occassional rusty coloured	45°	20'							
			sections of oxydized carbonates; lightly speckled areas	20°	30'							
			contain approximately 5% leucoxene and grade into	40°	40'							
			areas containing up to 15% leucoxene; black to	35°	50'							
			dark greyish green vesicules are typical at 3-8%	20°	60'							
			and are approximately 1cm in diameter; fine to	50°	70'							
			medium grain massive to poorly foliated relatively	35°	80'							
			homogeneous rock; probably a thick magnesian tholeiite	40°	90'							
			flow with only minor hyaloclasis; 5% qc stringers	30°	100'							
			weak to moderate magnetic attraction, apparently	25°	110'							
			associated with vesicular sections (variolites?)	55°	120'	[illegible]	30.5	32.5	2.0	7	2	
			32.5 - 35.5 quartz vein ~~and~~ cut by fault	60°	130'	13207	32.5	35.5	3.0	4628	158	0.124
			gouge @ 20° - vein is massive	60°	140'	13208	35.5	37.5	2.0	963	5	
			but quartz but a .5' section comprises	45°	150'							
			30% sulphides marcasite - pyrite and mo	40°	160'							
			- possibly chert	45°	170'							
			51.0 - 56.0 rusty qcv	25°	180'	13209	51.0	56.0	5.0	147	5	
			56. - 72.6 flow with sinuous chlorite filled cooling	25°	150'							
			fractures	40°	200'							
			72.6 flow contact	45°	210'	[illegible]	169.5	171.2	1.7	51		
			171.4 - 174.5 qcv pink, buff and grey	45°	220	13210	171.4	178.5	3.1	1197	52	0.035
			carbonates	25°	230	[illegible]	[illegible]	[illegible]	[illegible]	32		
			182.4 - 190.2 quartz carbonate vein & vein br	50°	240	13211	182.4	187.4	5.0	123	28	
			pink, buff and grey carbonates	40°	250	13212	187.4	190.4	3.0	3703	363	0.103
			and silica with up to 2% sulphides locally	30°	260	13240	248.5	249.5	1.0	<5		
			py & mo. Interrupted by a narrow fault; gf (tube like structure)	55°	270	13241	249.5	250.5	1.0	<5		
			186.1 fault gouge & mud slip @ 18° to c.a.	35°	280	13242	250.5	251.5	1.0	<5		
			251.5 255.5 qtv with mc & fault gouge, cpy < 1%	25°	290	13243	251.5	255.5	4.0	14,983	63	0.937
			probable flow contact as leucoxene	45°	300	13243	255.5	257.5	2.0	48		
			disappears beyond this section and	45°	310	13238	190.4	192.4	2.0	617		
			rock becomes a pillowed flow	50°	320	13239	196.0	198.5	2.5	15		

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

			255.5 - 381 Pillow lava : buff to dark greyish	40°	330							
			green fine grained rock, amygdaloidal in part	45°	340							
			with very minor strain at top of section	40°	350							
			excepting hyaloclasis which becomes	20°	360							
		Type 4	intensive in some sections near flow	35°	370							
			contacts; local areas exhibit up to 30% carbonate	35°	380							
			veinlets; [illegible] contains a high	60°	390							
			percentage of [illegible] amygdules;	55°	400							
			Flow contacts at 339', 362.5', 375-381,	40°	410							
			381 - 438 mafic flow, buff to light grey to	20°	420							
			medium greyish green with darker	40°	430							
			chlorite filled cooling fractures	20°	440							
			underlain by another mafic flow	30°	450	13214	455.3	460.0	4.7	30		
			to 455.3	20°	460	13215	460.0	465.0	5.0	35		
455.3	556	SHEAR ZONE	buff to grey-white to dark greyish green	45°	470	13216	465.0	470.0	5.0	26		
			mixed rock with qtz br, sericite zones	55°	480	13217	470.0	475.0	5.0	3535	13	0.103
			chlorite tourmaline and up to 5% py	45°	490	13218	475.0	479.0	4.0	18		
			455.3 - 473 sericite altered lqc v br c tourmaline	35°	500	13219	479.0	484.0	5.0	417		.012
			? minor mo	45°	510	13220	484.0	489.0	5.0	520	65	.015
			467.5 minor fault gouge @ 50°	45°	520	13221	489.0	494.0	5.0	1864		.054
			473 - 479 chlorite - sericite altered and brecciated	35°	530	13222	494.0	499.0	5.0	836	36	.024
			mafic volcanic	75°	540	7558	499.0	504.0	5.0	.16		
			479 - 498 eg v with sericite alt, tour, mo	35°	550	13224	504.0	509.0	5.0	13		
			1-5% py,			13225	509.0	514.0	5.0	18		
			498 - 544 chlorite-sericite altered and brecciated			13226	514.0	519.0	5.0	15		
			mafic volcanics			13227	519.0	524.0	5.0	<5		
			544.0 - 551.8 quartz carbonate vein breccia			13228	524.0	529.0	5.0	<5		
			-multiple phase fracturing and introduction			13229	529.0	534.0	5.0	9		
			of qtz, carb, chl, py, cp, tour, & ser			13230	534.0	539.0	5.0	6		
			py to 15% in diffuse stringers as fine			13223	539.0	542.0	3.0	8		
			diss & pyritohedrons 10-20% pore spaces			13232	542.0	544.0	2.0	7	5	
			551.8 fault gouge at 15° to c.a.			13233	544.0	546.0	2.0	350	8	0.010
			551.8 - 556 brecciated & sheared pillows [illegible] with			13234	546.0	551.0	5.0	402		0.012
			tourmaline up to 10% pyrite in stringers			13235	551.0	551.8	0.8	925		0.027
			cp, mild carbonatization			13236	551.8	556.0	4.2	35		
556	565.6	MAFIC METAVOLCANICS	buff to light grey to medium greyish green	65°	560	13237	556.0	561.0	5.0	39		
			pillowed flow with moderate hyaloclasite-chlorite									
			filled, mineralized flow top at 559									
565.6	576.5	QUARTZ FELDSPAR PORPHYRY	salmon pink to buff with medium greyish green chloritic	45°	570							
			layers and disseminations with rare leucoxene spotting									
			& tourmaline; coarse grained; chlorite & sericite									
			in slickensided slip planes									
576.5	596	MAFIC METAVOLCANICS	BRECCIATED PILLOW LAVA: buff to light grey to medium	50°	580							
			greyish green pillowed flow with chlorite filled cooling fractures									
			and vesicles 1-2% py	60°	590							

596 END OF HOLE

			Au ppb
14	36		86
36	56		754
56	76		155
76	96		326
96	116		123
116	136		220
136	156		58
156	176		219
176	196		144
196	216		312
216	236		89
236	256		1252
256	276		1244
276	296		142
296	316		139
316	336		141
336	356		89
356	376		56
376	396		196
396	416		143
416	436		67
436	456		114
456	476		525
476	496		1091
496	516		687
516	536		218
536	556		125
556	576		205
576	596		69

International Platinum Corporation

Hole No. GF[redacted]3 | Page No. 1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim
HEATH AND SHERWOOD DRILLING	-3.2 wrt shot	057°	716	Collar 625			
Date Hole Started: SEPT 6 1990 — Date Completed: SEPT 9 1990	Date Logged: Sept 8, 9	Logged by: JR Trusler		250 Ft. 62°		Location (Twp., Lot, Con. or Lat. and Long.): 1+82E, 5+47S } metric grid (not square)	
Exploration Co., Owner or Optioneo: INTERNATIONAL PLATINUM CORPORATION	Date Submitted	Submitted by (Signature)		606 Ft. 62°		Property Name: GOODFISH LAKE	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle °	Core Specimen Footage '	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au ppb
0	16	OVERBURDEN								
16	394.9	MAFIC METAVOLCANICS	Variegated rock; light beige opaque speckles present through most sections (leucoxene 1-10%) against a light to medium greyish green background; fine to medium grained flow or flows; occassional rusty quartz carbonate veins and oxydized carbonatized zones with one of these having significant vuggy sections and core loss; black to dark grey ish green chloritic vesicules (or variolesP) in some cases with a thin feldspar rim; minor hyaloclasis; 5% qc stringers; weak to moderate magnetic attraction	50°	16'					
			16.0-20.4 qc veinlets and rusty carbonatized rock minor graphite	45°	20'	13274	16.0	20.4	4.4	40
			30.4-30.9 qc vein - 5° to c.a. with minor rusty areas, ser. & chl.	40°	30'	13275	30.4	30.9	0.5	317
			30.9-33.7 mafic volc c' 5% qc stringers & 2% py in stringers			7569	30.9	33.7	2.8	nil
			33.7-37.1 rusty carbonatized section minor qtz & gft			13276	33.7	37.1	3.4	95
			37.1-40.6 lost core			core loss				
			40.6-46.2 rusty carb with 0.5' qv., minor sulfides &	35°	40'	13277	40.6	46.2	5.6	53
			46.2-49.3 core loss			core loss				
			49.3-59.6 rusty carbonatized mafic volc with minor vuggy qtz carb stringers & 1% minor sulfides	50°	50'	13278	49.3	54.3	5.0	331
				45°	60'	13279	54.3	59.6	5.3	7
				50°	70'					
			88.9-96.0 rusty & vuggy qtz-carb & carb veinlets subparallel to c.a. 40% core loss through section	35°	80'					
					40% core loss	13280	88.9	96.6	7.1	13
				55°	90'					
			160.1-163.3 possible flow contact with fault gouge at 160.8 and 162.5 and a fine 1% mineralized qc vein at	40°	100'	13281	160.1	163.3	3.2	301
				40°	110'					
			160.9 to 161.4; angle on fault gouge 30° to c.a. &	40°	120'					
			slickenSides on shear plane @ 35° to c.a.; laminae	45°	130'					
			on vein (bedding?) @ 21° to c.a.; 2nd gouge @ 35° to c.a.	40°	140'					
			1cm gouge subparallel. minor sulfides to 5%	35°	150'					
			inclets; qtz & grn carbonatized section.	30°	160'					

			163.3 - 164.7 mafic flow; foliation approx orthogonal to fault gouge in previous section			13252	163.3	164.7	1.4	55	
			164.7 - 168.3, quartz carbonate vein mobilized in a	40°	170'	13253	164.7	168.3	2.6	172	
			finegrained quartz - carbonate rip up breccia; 50/50 q/c	45°	180'						
			chl, ser, gn carb ea 1-5%; (minor py or marc, gf,	40°	190'						
			cp) in diss & strs; minor leuc & brecc volc at top								
			and bottom - possibly a sedimentary breccia	50°	200'						
			196.0 - 210.5 qc v & veinlets cutting carb mafic	40°	210'	13254	196.0	200.5	4.5	Nil	
			volc rock 15-20% vein material up to 1.0'			13255	200.5	205.5	5.0	Nil	
			across with 5% py in wall rock esp in			13256	205.5	209.0	3.5	10	
			intensely carb section adjacent thicker			13257	209.0	210.5	1.5	Nil	
			veins	30°	220'						
			216.0 - 217.4 brecciated & contorted finegrained	25°	230'	13258	216.0	217.4	1.4	10	
			qtz carb & carb veinlets								
						13259	244.0	245.4	1.4	78	70
245.4	255.0	Mineralized Zone	fragmented volcanic and qc vein material possibly	25°	240'						
			on a flow contact since the nature of the	25°	250'						
			volcanic rock changes after this section								
			245.4 - 246.2 qc v & veinlets in part brecciated								
			- white to grey to rose qcarb rock with			13260	245.4	249.0	3.6	45	41
			diffuse sulfide & qt filled fractures								
			@ 246.0 fault gouge a 55° to ca // foliation (kaolinite								
			- ser & chl								
			246.2 - 247.1 - fractured & brecciated mafic volcanic with								
			- sericite, chl & py rimming fractures, foliated								
			- very fine beige - pale yellow opaque - leuc or sauss.								
			- some sulfide clots in fracture zones								
			- possibly a chilled flow top								
			247.1 - 249.0 50% qtz & carb veins & stringers in 2 habits								
			within a finely brecciated or detrital zone								
			with volcanic fragments; ser chl rimming the								
			fragments & rimming later carbonate								
			fracture healing ~1% py, gf? py in								
			fractures spherulites in volc fragments.								
			249.0 - 255.0 - hyaloclastic breccia with sericite, chlorite			13261	249.0	250.4	1.4	Nil	<5
			and carbonate infilling parallel to foliation;			13262	250.4	255.0	4.6	Nil	8
			15-20% broad carbonate infilling in a ladder vein system								
			slightly compressed or warped & truncated by chl ser								
			folia or laminations; carb prob represent sed								
			into desiccation cracks or cooling fractures; 15%								
			qtz carb veins; 5% py tr cp. gf.								

(82/1)

light grey and light greyish green to dark greyish green rock frequently containing white, buff or black greyish green or black round or ovoid features such as vesicules, amygdules and spherulites; fine grained aphanitic to medium grain; rare rusty carbonatized and oxydized areas on two flow contacts; pillowed and brecciated pillowed flows with only minor massive sections; considerable thicknesses with thick fragmental selvedge zones between pillows with pillow balls, sulfide and carbonate detritus being common; substantially more sulfides and less compressive strain than in comparable stratigraphy of previous drill holes; considerable carbonate veinlet infilling 15-20% near top of each flow unit downwards for 15-20' gradually dissipating downward into flow;		
255.0'		
255' - 274.5 mottled & brecciated pillowed breccia		
and hyaloclastic breccia, fine grain with 10-20%	45°	260'
carbonate fracture filling in compressed sections on	20°	270'
pillow margins and near tops of unit 1-3% py		
in cbk & fractures - spherules or amygdules		
274.5 - 275 qcv c sericite		
275 - 350.5 pillowed mafic flow - buff grey bun	40°	280'
shaped pillows interspersed in thick brecciated	25°	290'
& often mineralized selvedges; quartz carbonate	25°	300'
veining also common in these locations; spherules	35°	310'
and amygdules also common; veins @	35°	320'
228, 230, 270, 292, 296, 297, 299, 301,	35°	330'
302 and 316	20°	340'
350.5 - 360 pillow breccia & possibly mafic tuff	50°	350'
- may be a marker horizon		
- sulfide fragments - two units of green micaceous (rare)	30°	360'
ellipsoidal features .5-.75 cm - look like		
amygdules but may be a tuff qcv - 15-20%		
360 - 377 - apparently massive flow or dike blends	40°	370'
into pillows by 368' - large black vesicules		
377 - 394 mafic flow fine to med. crs grain	40°	380'
with significant chl filled sinuous hyaloclastic	30°	390'
fractures having appearance of incipient pillows		
394 - 411 pillowed flow - 9 minor hyaloclasis .5' breccias	45°	400'
between pillows with sulfides & carb; flow contact 406-411 sub parallel ca	55°	410'
411 - 417 mafic flow - 3% 1mm vesicules in fine grain rock; black chl to white carb centre in vesicules	25°	420'
417 - 421 - mafic flow - carbonated flow top - minor hyaloclastic	20°	430'
421 - 440.5 - mafic flow - sheared rusty oxydized - carb	65°	440'

(margin notes: amyd ... hyalo pillow ...)

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From	To	Rock Type	GF90-13 / 4 — Colour, grain size, texture, minerals, alteration, etc.	Angle	Footage	Sample No.	From	To	Length	Au
			section at flow top with carb filled breccia; fine 2mm vesicules filled with chl, calcite, and sulfides to 15% of rock unit; rusty carbonatized and oxydized sections in some cases brecciated and compressed from 427.5 - 437 and from 440.0 to 440.5							
			440.5 - 444 - flow contact with volcaniclastic bx, pillow balls pyrite clots in pillow ball selvedges to 5% qtz carb veinlets & graphite							
			444 - 463 pillow lava with black, white and zoned 1-2mm	30°	450'					
			vesicules ~5% - breccias between pillows	60°	460'					
			463-472.5 pillow breccia with quartz carb veining	50°	470'	13263	462.6	468.2	1.6	Nil
472.5	542	MAFIC METAVOLCANIC	variegated, flow rock, medium grain with 20% coarser							
			sections but generally uniform texture and	80°	480'					
			composition 10 to 20% buff irregular elongated	50°	490'					
			leucoxene speckles and black ovoid chlorite	45°	500'					
			speckles 20-30% in a light to medium	35°	510'					
			greyish green matrix; qtz. carb. veining with	50°	520'					
			rusty oxydation from 472.5 to 476 and 477.5	60°	530'					
			to 479; qtz carb veins & veinlets @ 486, 490, 505-506, 514.5-516, 520-521, 524.5-525.5	40°	540'					
542	549.8	QUARTZ-FELDSPAR PORPHYRY	Buff to salmon pink feldspars with 20% medium green streaks of mafic minerals 5 to 15% of the phenocrysts 15% mixed qtz and plagioclase phenocrysts; coarse grain slightly strained; K. spars sericitized, py diss @ 1-2% contacts at 40° to c.a. although bottom contact is off set.			13264	542	549.8	7.8	65
549.8	559.5	MAFIC METAVOLCANIC	- variegated flow rock similar in gross features and probably the same flow as the unit from 472.5 to 542.0 (a leucoxene flow) angle of contact with unit below 60° to ca	40°	550'					
559.5	680.0	MINERALIZED ZONE	A highly variable brecciated rock of complex appearance and origin including quartz carb veining, shearing faulting, alteration of several generations and chemical sedimentation; rock is white to grey buff in the qtz carb veined areas which are also generally brecciated; zones of quartz feldspar porphyry are severely sheared and eroded with the large qtz eyes standing out; zones of mafic volcanics are medium to dark greenish grey with a buff to lavender stringy texture imparted by sericite; a white and brick red laminated fragment							

From	To		Angle	Azimuth	Sample No.	From	To	Length	Au	Au Check	Ag
		DDH 90-13 5									
		is typical of the lower part of the zone and is overlain by a unit to buff fine grained relatively homogeneous carbonate rock which is brecciated. The main breccia types are matrix supported and do not appear to have been subject to ductile shear.									
		559.5 - 560.3 qc vein with minor folds & poss rip up features at top of vein; carb recrystallized qtz; later ser & chl carries 1-2% py.	45°	560°	13265	559.5	560.3	0.8	38		
		560.3 - 569.5 breccia of reddish grey/pink green black vesicular flow rock, carbonate and quartz carbonate vein material with sericite carbonate matrix giving a strong foliation volcanic material is strongly carbonatized; 1% py occurring in qtz and sericite; minor kink in veinlets			13266	560.3	569.5	4.2	48		
		569.5 - 566.0 qc bx with apple gn carb ~ 20% sericite in foliation and across laminations; 1-2% py in ser and qtz			13267	566.5	566.0	1.5	17		
		566.0 - 570.0 qtz feldspar porphyry sheared, carbonatized with 10% ser, 5% py diss & in folia with pyrite and gn stringers tr mo	40°	570°	13268	566.0	570.0	4.0	31		
		570.0 - 573.4 Sheared silicified and carbonatized pillow lava - vesicular; milling and contact basis in sericitic portions; ser 10% py 3%			13269	570.0	573.4	3.4	735		605
		573.4 - 574.9 carbonate sericite breccia with quartz eyes - 30% ser in thick milled sections 1-5% py in quartz rich veinlets tr mo, gf,			13270	573.4	574.9	1.5	1961		1450
		574.9 - 576.5 quartz - carbonate vein breccia; white and dark grey to black strongly foliated rock 5% py, 1% mo, 2% gf, tour chl ser			13271	574.9	576.5	1.6	2282	0.067	2530
		576.5 - 590.0 carbonate breccia; fine grained carbonate brecciated with sericite silicate matrix in occasional locations grading into a carbonatized pillow bx	50° 30°	580° 590°	13272	576.5	580.3	3.8	933		815
		580.3 - 581.3 qtz carb vein 1% py mo tour chl ser			13273	580.3	581.3	1.0	689		
		581.3 - 590.0 pillow bx									
		590.1 - 609.7 carbonate tectonic breccia and fault gouge with quartz and carbonate veinfragments sericite locally to 50%, 1 to 3% py tr mo gf	30°	600°	13274 13275 13276	581.3 590.0 595.0	590.0 595.0 599.0	8.7 5.0 4.0	45 864 278		
		dilatant bx @ 595°, fault gouge 6 595°, 598.5° and 599.5 to 609.7 - fault gouge at 10° to ca.			13277 13278	599.0 609.0	609.0 609.7	5.0 5.7	360 322		
		609.7 - 640.8 mafic proto volcanic - pervasively carbonatized rock with 2-3% fine sericite hematite intermixture in light lavender folia and sinuous stringers; infill massive texture	20° 55° 30° 30°	610° 620° 630° 640°	13279	609.7	615.0	5.3	141		

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Description	Angle	Footage	Sample No.	From	To	Length	Au	ppm As
medium to dark greyish green			13280	615.0	620.0	5.0	27	
609.7 - 624.6 - massive flow			13281	620.0	624.6	4.6	83	
624.6 - 629.8 - fragmental volc probably a flow top			13282	624.6	629.8	5.2	972	
629.8 - 632 fault - finely milled and lithified			13283	629.8	632.0	2.2	213	
qtz, carb, feld grains in sericite 90%								
matrix at approx 10° to CA.			13284	632.0	637.0	5.0	65	
632 - 640.8 massive mafic flow becoming brecciated			13285	637.0	640.8	3.8	50	47
in last foot of section								
640.8 - 643 fault gouge - vein quartz and fine grain			13286	640.8	643.0	2.2	1237	992
laminated carbonate rolled deformed and								
brecciated; 20% fine grain pyrite in laminations								
643.0 - 680.0 sedimentary and tectonic breccia, siliceous								
hematitic sinter pale grey to medium lavender								
fine grain and relatively massive in appearance								
is multiply fractured and has been subjected								
to polyphase deformation; anastomosing quartz carb & feld								
veinlets anastomose in several directions and								
comprise approx 25% of the rock; some								
carbonate, silica and sulfide layers are								
present in the original fragments; fine								
and coarse sulfides comprise up to 20% of								
rock locally - mainly pyrite; fine pyrite								
is in early laminations; medium cubic pyrite								
occurs as early fracture fillings in the								
silica-hematite rock; fine pyrite stringers								
also occurs with sericite in late sinuous								
shear fractures								
643.0 - 644.7 qc veining 5% fine py			13287	643.0	644.7	1.7	247	782
644.7 - 645.8 sinter with carb & vein qtz bx 1% py			13288	644.7	645.8	1.1	374	265
645.8 - 650.8 - brecciated sinter 10% qtz carb	55°	650'	13289	645.8	650.8	5.0	4471	3082
5% lenses of medium								
py cubes								
650.8 - 652.2 sinter with 10% medium pyrite in			13290	650.8	652.2	1.4	1335	1028
stringers								
652.2 - 653.7 70% qtz - carb vein py 5%			13291	652.2	653.7	1.5	617	477
653.7 - 657.5 finely brecciated between larger fragments			13292	653.7	657.5	3.8	1728	1226
qtz - carb 20% - py 15%								
657.5 - 659.5 coarse brecciated sinter becoming			13293	657.5	659.5	2.0	915	847
paler with more chlorite and a hematite								
sericite matrix 5% py.								
659.5 - 661.9 50% quartz carbonate vein breccia	50°	660'	13294	659.5	661.9	2.4	958	
5% fine pyrite - increase granulation								
of matrix								
661.9 - 664.3 brecciated mafic volcanic material			13295	661.9	664.3	2.4	185	
664.3 666.1 light lavender bx, chl & hem mtx			13296	664.3	666.1	1.8	147	119
1% py								

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			[illegible]			[illegible]	[illegible]	[illegible]	5.0	2784		2747
			sinter with hematite, chlorite [illegible] in matrix									
			with 15% py, fine & medium grain - qtz carb									
			material brecciated too									
			668.1 - 672.3 medium lavender siliceous fragments with [illegible]	45°	670'	13298	668.1	[illegible]	4.2	509		461
			[illegible] qtz & carb with [illegible]									
			matrix of hematite, chlorite, qtz & carb; [illegible]									
			qtz carb veining 2-3% py									
			672.3 - 675.9 light grey to [illegible] grey lapilli size clast			13299	[illegible]	[illegible]	3.6	1368		972
			supported fine grained carbonate fragments									
			in chicken [illegible] 1% py; occ larger									
			[illegible] or bedded fragments of hematite, carb									
			& carbonate, [illegible]									
			675.9 - 680.0 brecciated to massive mafic volcanic	40°	680'	13300	[illegible]	[illegible]	4.1	555		539
			intermixed with brecciated hematite and									
			carbonate material 2% py in lenses									
680.0	704.9	MAFIC METAVOLCANIC	massive to brecciated [illegible] medium to dark greyish	45°	690'	7570	[illegible]	[illegible]	5.0	40		
			green with 25% buff and [illegible]	45°	700'	13301	[illegible]	[illegible]	5.0	237		
			caused by a [illegible] chlorite [illegible] intermixing			13302	[illegible]	[illegible]	5.0	62		
			688 - 690.0 carbonate vein breccia									
			[illegible] carbonate vein breccia			13303	[illegible]	[illegible]	4.9	73		
			699.9 - 701.8 quartz veinlet			13304	699.9	701.9	1.9	662		
			701.8 - 704.9 mafic volcanic flow			13305	701.8	704.9	3.1	14		
704.9	716	QUARTZ FELDSPAR PORPHYRY	Coarse grain buff to salmon [illegible] 15%	50°	710'	13306	709.9	[illegible]	4.8	21		
			quartz phenocrysts and [illegible]	40°	716'							
			aggregates [illegible]									
			[illegible]									
716			End of Hole									
							640.8	680.0	39.2	1424.5	.042	
						incl	645.8	650.8	5.0	4471	0.13	

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16	36		
36	56		
56	76		
76	96		
96	116		
116	136		
136	156		
156	176		
176	196		
196	216		
216	236		
236	256		
256	276		
276	296		
296	316		
316	336		
336	356		
356	376		
376	396		
396	416		
416	436		
436	456		
456	476		

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Hole No.	Page No
GF-90-14	1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
HEATH AND SHERWOOD	+14.2 [illegible]	222°	876	Collar 62.5			[redacted]

Date Hole Started	Date Completed	Date Logged	Logged by	Dip of Hole at	Location (Twp., Lot, Con. or Lat. and Long.)
OCT 9, 1990	OCT 1990	Oct 12	J R Trusler	100 Ft. 63	41+55 S 24+71E metric grid

Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)	Dip of Hole at	Property Name
INTERNATIONAL PLATINUM			200 Ft. 63	GOODFISH LAKE
			770 Ft. 55	
			Ft.	

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage *	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays † Au		
0	14	OVERBURDEN										
				45°								
14	246.2	QUARTZ FELDSPAR	Massive, mottled light grey to buff coarse porphyritic									
		PORPHYRY	rock with aphanitic groundmass; up to 50%									
			euhedral to subhedral phenocrysts of feldspar									
			and quartz; feldspar phenocrysts 1/8 to 1/4 inch in diameter									
			and quartz eyes are 1/4 to 3/8 inches in diameter; core is									
			well fractured [illegible] lengths of 1" to 2' in									
			length; hematite stains some feldspars; <1% leucoxene	35°	20'							
			25.5 - 27.0 Network of black chlorite filled hairline	40°								
			fractures and tension gashes	35°								
			88.7 - 93.5 fault zone with quartz carbonate tourmaline	35°		13307	88.3	88.7		Nil		
			chlorite veining, gouge	35°		13308	88.7	89.4		Nil		
			92.5 - 93.3 red porphyry with chlorite spotting	50°	70'	13309	89.4	92.5		Nil		
			93.7 - 94.0 pale coloured porphyry dike with altered	40°		13310	92.5	93.3		Nil		
			mafic phenocrysts	40°								
			173.5 - 175.5 fault zone [illegible] 20° to c.a.	40°								
			198 - 228.6 mafic metavolcanics - iron tholeiites comprising	30°								
			a massive fractured flow to 215.5 to a pillowed	25°	120'							
			flow with multiple selvage bearing pillow [illegible]	20°								
			[illegible] bleached - sporadically 20%	40°								
			pyrite (chloritic zones generally bleached)	45°								
			235 - 240 mafic volcanics as 215.5 - 228.6	25°								
			241.5 - 243.5 mafic volcanics as 215.5 - 228.6	30°	170'							
			244.4 - 246.0 [illegible] as 215.5 - 228.6	32°								
				40°								
246.2	501.4	MAFIC METAVOLCANIC	IRON THOLEIITE: light grey and light greenish grey near	65°								
			porphyry contact gradually increasing in darkness	50°								
			to a dark greenish grey rock with a reddish tinge imparted	55°	220'							
			by hematite; fine grained throughout; fracturing on	45°								
			1" to 2' basis; weakly magnetic in altered areas and moderately	60°								
			magnetic in darker areas; black to dark greenish grey sinuous chloritic									
			stringers throughout which are generally magnetic and									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

	-11 (CONT'D)	throughout with shearing in selvedges of certain pillowed sections; rock consists of massive fractured flows, pillowed flows and hyaloclastic and pillow breccia; calcite stringers form 1-5% of rock and q-c stringers are rare; py tr to locally 5%; amygdules and devitrified textures occur locally									
		246.2 - 265.9 pillow lava - bleached with sheared selvedges containing frequent pyrite balls; qc veins; sericite in selvedges	60°								
			55°								
		265.9 - 286.2 Pillow breccia and hyaloclastic breccia with minor quartz and carbonate sedimentary material; 1-8% vesicle amygdules, qtz carb py (tr)	40°	270°							
			35°								
		276.0 - 279.3 inter flow zone with skeletal clayey zoned alteration of devitrified spherulites 10% sulphides interlaminated with clayey minerals or in tube like structures		(277')							
		286.2 - 290.0 mafic dike; medium to dark green with grey rock speckled with 20% leucoxene	30°								
			35°								
		290.0 - 298.6 pillow breccia with minor hyaloclasis	45°								
		295.5 - 297.0 quartz vein with tourmaline and minor carbonate	55°	320°	13311	295.5	297.0	1.5	Nil		
			35°								
		298.6 - 327.7 fractured flow with narrow altered zones of intense hydrofracturing and carbonate introduction; rock is generally bleached	30°								
			50°								
			65°								
		327.7 - 459.3 massive mafic flow with a few pillows, profuse sinuous chlorite filled hydrofractures; bleached and weakly magnetic at start of section becomes moderately magnetic in darker areas and strongly magnetic where a strong presence of hematite is evident - fine grained to aphanitic 1-2% carb stringers	40°	370°	13356	401.0	408.3	3.3	16		
			65°		13357	404.3	406.0	1.7	27		
			30°		13358	406.0	408.9	2.9	17		
			40°		13359	408.9	411.5	2.6	12		
			45°		13360	411.5	414.3	2.8	10		
			35°	420°	13361	414.3	418.2	3.9	19355	0.565	0.215
			30°		13362	418.2	424.0	5.8	96	0.003	112'
		459.3 - 462.0 fine grained grey laminated and fragmental carbonate unit	40°		13363	424.0	425.5	1.5	4217	0.123	
			60°		13364	425.5	428.1	2.6	555	0.016	
		462.0 - 486.9 pillowed and hyaloclastic breccia; light green with grey with minor chlorite in sinuous fractures, sulfide balls 1-5% py & po sericite alt 5-10% contorted carbonate fragments or zones 5% minor shearing	55°		13365	428.1	431.2	3.1	2572	0.075	
			30°	470°							
			50°								
					13366	480.2	480.7	0.5	573		
					13367	480.7	486.9	6.2	62		
		486.9 - 494.6 quartz - carb shear zone - predom fine grn carb with chl 5-10% py (fine grain) 2-5% sericite, brecciated & faulted with gouge from 493 to 496.5 at approx 45° to ca.	50°		13312	486.9	494.6	7.7	1262		
		494.6 - 501.4 bleached fractured flow with sinuous chl. filled fractures	60°		13368	494.6	499.2	4.6	31		
					13369	499.2	501.4	2.2	165		
		499.2 - 501.4 carb shear zone									

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From	To											
501.4	521.8	QUARTZ FELDSPAR	GF90-19 mottled buff and yellow to grey rock medium to coarsely	50°		13370	501.4	507.1	5.7	206		
		PORPHYRY	porphyritic; weakly foliated to strongly sheared with	35°	520'	13371	507.1	512.1	5.0	75		
			pervasive sericite to 50%; py vfgr ≤1%; totally within			13372	512.1	517.1	5.0	335		
			shear zone			13373	517.1	521.8	4.7	62		
521.8	569.2	SHEAR ZONE	yellow buff and light to medium grey mixed quartz-									
			carbonate zones and sericitized volcanic zones									
			generally weakly to strongly mineralized, weakly to									
			strongly sheared and fractured									
			521.8 - 523.0 quartz carb vein									
			523.0 - 527.2 sericitized pillow bx with 20% irreg qcv 95%			13313	521.8	523.0	1.2'	285		
			sml. carb amygdules (1E3)			13314	523.0	527.2	4.2'	Nil		
			527.2 - 533.7 quartz-carb vein breccia with 20% volcanic									
			material; 5% py (locally 10%) chl, ser	50°		13315	527.2	533.7	6.5'	648		
			533.7 - 540.3 pervasively sericitized pillow bx as from									
			523.0 - 527.2	30°		13316	533.7	540.3	6.6'	38		
			540.3 - 548.5 quartz carb vein breccia with 5-10% py in									
			stringers minor mo, gf, chl.			13317	540.3	542.3	2.0'	1605		1684
						13318	542.3	546.5	4.2'	302		308
			548.5 - 550.8 altered mafic dike			13319	546.5	548.5	2.0'	471		377
			550.8 - 558.2 sericitized pillow bx as from 523.0 - 527.2	40°		13320	548.5	550.8	2.3	51		39
						13321	550.8	553.5	2.7	41		34
			558.2 - 563.3 quartz vein bx in pillow bx: white	45°		13322	553.5	558.2	4.7	82		120
			+ bluish black quartz vein a qtz graphite molybdenite			13323	558.2	563.3	5.1'	6960	0.203	5383
			mixture brecciated in sericitized pillow bx			13354	563.3	565.6	2.3'	48		
			563.3 - 565.6 quartz feldspar porphyry			13355	565.6	569.4	3.8'	103		
			565.6 - 569.2 medium greenish grey leucoxene speckled	20°	570'							
			mafic flow									
			569.2 fault gouge	40°								
569.2	767	MAFIC METAVOLCANICS	LEUCOXENE MAGNESIUM THOLEIITE AND LEUCOXENE - POOR	45°								
			MAGNESIUM THOLEIITE WITH BOXWORK CARBONATE	30°								
			FILLED FRACTURES	35°								
			Beige speckled to mottled light to dark greenish grey rock:	40°	620'							
			fine to coarse grain massive or poorly foliated and relatively	25°								
			homogeneous with local sections containing carbonate	50°								
			spotting about quartz carbonate stringers; fractured	55°								
			on 3" to 1' basis; the more leucoxene poor volcanics	35°								
			are buff to light grey to medium greenish grey and	55°	670'							
			dark greenish grey in colour; fine grained massive	20°								
			to weakly foliated comprising amygdaloidal pillow lavas	30°								
			and breccias with hyaloclastic sections and massive	60°								
			flows locally up to 20% carbonate stringers in cooling	70°								
			fractures this unit differs somewhat from previous	45°	720'							
			holes in that it is thicker and does not contain pervasive	60°								
			coarse amygdules and sections of the flows are massive.	70°								
				60°								
				60°								

							From	To	Length	Au ppb
		MAFIC METAVOLCANIC (CONTINUED)	597.2 – 598.1 leucoxene rich flow or dike							
			598.1 – 599.0 brecciated rusty shear							
			599.0 – 613.0 leucoxene poor pillow breccia with 15-20% amygdules (chl, py, carb, ser, incipient box work structure							
			613.0 - 616.0 shear zone and fault at 25° to c.a and qc veining mo. on shear plane			13329	613.0	615.9	2.9	45
			616.0 – 637.0 leucoxene rich flow or dike with qc stringers							
			633.0 - 634.4 qc vein			13330	633.0	634.4	1.4	27
			635.6 - 636.4 qc vein tr mo.			13331	635.6	636.4	0.8	147
			637.0 - 656 leucoxene poor pillow breccia with intense sulphide mineralization in selvedges							
			656 - 694 leucoxene poor mafic flow with chlorite filled cooling fractures and hydro breccia zones - minor box work carbonate in localized fracture zones [660-662.5 qc v & fault]							
			694 - 767 leucoxene poor flow with occ pillows and brecciated sections med greenish grey in colour box work calcite filling locally to 20% of rock overprints sinuous chlorite filling of hydrofractures, amygdules generally 2% (min (chlorite ± carbonate) but locally to 15%) 714.5 - 715.5 spherulitic zone may correlate with coarse amygdules or spherulites in other holes							
767	803.2	QUARTZ-FELDSPAR PORPHYRY	porphyritic rock with buff to medium grey matrix; matrix supported feldspar phenocrysts are very pale green (sauss.) generally subhedral centre zoned and eroded on diffuse boundaries, aligned by weak foliation comprise 35% of rock are equant and average .15" (.4cm) in diameter; quartz phenocrysts comprise 1% and are milky and ½" or 1.25cm in diameter; matrix is finegrain but feldspars grade in size from matrix to phenocrysts; rock fractured into 1' to 3' lengths 771 - 772.8 mafic volc xenolith (leucoxene poor)							
			intrusive contact	35°	803.2					
803.2	850.8	MAFIC METAVOLCANIC	leucoxene poor pillow lava and pillow breccia with boxwork carbonate; buff to medium greenish grey rock; fine grain; box work calcite fracture filling to rolled calcite balls or chlorite averages 20% of unit; sulphides in selvedges common; frequent zones of hydrofracturing and hyaloclasis; some selvedges are quartz veined with sulphides; weak foliation becoming stronger towards end of zone which is truncated by a shear zone							

From	To	Rock Type	GF-90-M 5 Colour, grain size, texture, minerals, alteration, etc.	Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †		
[illegible]32	850.8	MAFIC METAVOLCANIC (CONTINUED)	803.2 - 818.5 Pillow breccia with zones of intense hydrofracturing	32°	800'							
			818.5 - 850.8 Pillowed flow - 10% calcite stringers in [illegible]	55°								
			spherulites and etch textures in selvedges	55°								
			between 836 and 841; sulphide bearing	45°								
			quartz veinlets also common in selvedges	30°								
				45°	850'							
50.8	867	SHEAR ZONE	pale green to medium greenish grey intensely to moderately sheared rock with 5% to locally 50% stringers and veins and brecciated sections of quartz-carbonate material; sericite 30% throughout zone, minor sulphides and graphite, fault gouge at 857 and 867									
			850.8 - 856 leucoxene poor mafic volcanic			13325	850.8	855.5	5.0	65		
			856 - 864.5 leucoxene rich flow or dike	30°		13326	855.8	861.0	5.2	51		
			864.5 - 866.5 quartz vein with 2% sulfides			13327	861.0	864.5	3.5	10		
			866.5 - 867.0 quartz feldspar porphyry and fault gouge with sericite - fault gouge			13328	864.5	866.[illegible]	2.0	106		
				25°		13329	866.5	867.[illegible]	0.5	69		
67.0	876.0	QUARTZ FELDSPAR PORPHYRY	mottled light yellow-green and buff rock comprising 20% round and equant quartz phenocrysts approx .5 inches or 1cm in diameter; equant to stubby subhedral zoned pale yellow green plagioclases with diffuse boundaries avg. .3 inches or .75cm in diameter and comprise approximately 40% of rock, fine grain matrix is buff and comprises a mixture of sericite quartz and plagioclase; this unit is similar to unit at top of hole; length between fractures 3-6' (weak foliation)	35°								
		3-6'										
[illegible].0			End of Hole									

SLUDGE VALUES

Footage	Gold Value ppb	Footage	Gold Value	Footage	Gold Value
46	Nil	326 - 346	41	626 - 646	562
66	10	346 - 366	24	646 - 666	1097
86	10	366 - 386	14	666 - 686	761
106	10	386 - 406	24	686 - 706	319
126	Nil	406 - 426	6514	706 - 726	72
146	Nil	426 - 446	605	726 - 746	285
166	Nil	446 - 466	963	746 - 766	93
186	Nil	466 - 486	603	766 - 786	243
206	14	486 - 506	2867	786 - 806	518
226	Nil	506 - 526	1481	806 - 826	312
246	Nil	526 - 546	2122	826 - 846	1070
266	199	546 - 566	2362	846 - 866	134
286	45	566 - 586	1882	866 - 876	195
306	38	586 - 606	339		
326	38	606 - 626	888		

From	To										
			Cont'd Supplementary 406 - 426 returned 65 ppb in sludge								
401.0	431.2	IRON THOLEIITE	PILLOW LAVA + BRECCIA with hyrofracturing buff to greenish grey, light variations mixed with highly fractured reddish mauve material; minor sulfides tr - 5% - samples cut according to colour, sulfide percentage and degree of fracturing								
			401.0 - 409.3 1-10% fract filling, chl hem mel greenish grey with hem on fracture <1% sulfides diss py cpy		13356	401.0	409.3	8.3	16		
			409.3 - 406.0 20-30% fine & coarse fracture filling 5% sulphides py cp dk reddish mauve with calcite qtz stringers; hem & chl stringers		13357	409.3	406.0	1.7	27		
			406.0 - 408.9 10-15% fine, coarse fracturing - buff mel grey to dk reddish mauve with 2-3% sulfides py within fractures		13358	406.0	408.9	2.9	17		
			408.9 - 411.5 20% - 30% coarse & fine fracture filling chl hem & calcite med greenish gray buff dk reddish mauve background sulfides 5% py cp incl sulphide amygdules		13359	408.9	411.5	2.6	12		
			411.5 - 414.3 10-15% coarse & fine fracture filling & selvedge 3-5% sulfides py cp dk reddish mauve and medium greenish grey		13360	411.5	414.3	2.8	10		
			414.3 - 418.2 dk reddish mauve 5-10% fractures 2% sulfides		13361	414.3	418.2	3.9	19,355	0.565	
			418.2 - 424.0 dk mauve 5-10% fractures; sulfides 1-2% rare carb veinlets - massive flow with hydrofractures		13362	418.2	424.0	5.8	96	0.003	
			424.0 - 425.5 as 418.2 - 424.2 with 10% qc veinlets		13363	424.0	425.5	1.5	4217	0.123	
			425.5 - 428.1 flow top breccia light to med mel grey with 20% old fractures mod chl + 20% qc veinlets - sulfides 1-2%, hem		13364	425.5	428.1	2.6	553	0.016	
			428.1 - 431.2 pillow breccia - 40% fracture infilling lt green frags in dk reddish to dk greenish grey matrix - sulfides 5% qc veins 1% 2%		13365	428.1	431.2	3.1	2572	0.075	

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International Platinum Corporation

Hole No.	Page No.
GF 90-15	1

Drilling Company	Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at	Address/Location where core stored	Map Reference No.	Claim No.
HEATH AND SHERWOOD	+17.0 m/sea	208.5°	606	Collar 66.5°			2 [redacted]

Date Hole Started	Date Completed	Date Logged	Logged by		
OCT 14, 1990	OCT 16, 1990	OCT 16/90	JR Trusler	400 FL 65°	

Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)		
INTERNATIONAL PLATINUM CORPORATION			600 FL 62°	

Location (Twp., Lot, Con. or Lat. and Long.): 7+75S 27+71E metric grid

Property Name: GOOD FISH LAKE

Footage From	Footage To	Rock Type	Description (Colour, grain size, texture, minerals, alteration, etc.)	Planar Feature Angle *	Core Specimen Footage *	Your Sample No.	Sample Footage From	Sample Footage To	Sample Length	Assays †
0	10.5	OVERBURDEN		25°	10'					
10.5	196	QUARTZ FELDSPAR PORPHYRY	Massive, mottled light grey to buff coarse hyporphyritic rock with fine grain matrix; up to 50% euhedral to subhedral phenocrysts of feldspar and quartz; feldspar phenocrysts ⅛ to ¼" diameter and quartz eyes are ¼ to ⅜" in diameter; grain boundaries are diffuse in lighter coloured rocks and sharp in rocks containing a mineral mafic matrix; core is broken at lengths of ½" to 2' in length; hematite stains some feldspars; <1% Rutorene <1% pyrite; feldspar phenocrysts are generally white and zoned.							
			22.5 healed ½" thick kaolinitic plus pale green rounded and zoned 0.1" mineral-fault gouge @ 30°	45°						
			35' slip at <10°	20°						
			50-51 brittle shearing with quartz veinlets	60°						
			84-87 - fractured and altered section impregnated with chlorite and quartz veinlets in first 2 feet - veinlets sericite and chlorite spotting in last foot of zone	35°	50'					
				35°						
				30°						
				45°						
				40°						
			147-151 bleached and silicified pillowed mafic volcanic xenolith: relict chlorite	35°	100'					
				30°						
			169.5-175.7 bleached and silicified pillowed from tholeiitic mafic volcanic with relic chlorite fracture filling and minor pyrite	30°						
				40°						
				75°						
				45°	150'					
				20°						
196	482.5	MAFIC METAVOLCANIC	IRON THOLEIITE: Light grey and light greenish grey near porphyry contact, gradually increasing in darkness to a dark greenish grey rock with a massive to reddish tinge imparted by hematite; fine grained in general with some aphanitic sections; fracturing on 1" to 2' basis; weakly magnetic in chlorite altered sections but moderately magnetic in darker areas; black to dark greenish grey stringers.	55°						
				60°						
				40°						

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

sphalerite

From	To	Rock Type	GT 70-15 | 2 | Colour, grain size, texture, minerals, alteration, etc.	Feature Angle *	Specimen Footage †	Sample No.	From	To	Sample Length	Assays		
196	482.5	MAFIC METAVOLCANIC	chloritic stringers throughout which are generally magnetic									
		(CONTINUED)	and comprise 2-5% of the rock; weak to moderate									
			foliation throughout with shearing in some interflow									
			sections; rock comprises massive fractured flows,									
			pillowed flows, pillow breccias, hyaloclastic and									
			sedimentary breccias with outstanding quench textures									
			and spherulites developed on pillow margins within									
			and adjacent to the breccia zones; calcite									
			stringers form 1-5% of rock and q-c stringers									
			are rare; py tr to locally 5%; amygdules occur									
			locally.									
			196 - 224.1 pillow lava with spherulites on pillow									
			margins and quench textures and hyaloclasts	35°	200'							
			in selvedges; quench textures @ 209.5, 206.5	30°								
			213.0 - 215.0; hyaloclastic brecciation	55°								
			with quench textures @ 217.9 - 218.5, 220.5 -									
			221.0, 222									
			223.3 - 224.1 qcv with tourmaline									
			224.1 - 230.5 mafic flow with quench texture and clayey alteration									
			or spilitization throughout									
			230.5 - 232 interflow breccia - partially hyaloclastic but	45°								
			containing some laminated chert (angular)									
			fragments and sulfide bearing fragments,									
			qc veinlets mauve vole frags									
			232 - 249.8 mafic flow in greenish grey to lavender with	30°								
			frequent sections of hyaloclasis plus the									
			clayey alteration on a quench texture									
			or spilitization throughout									
			242 - 245.5 hyaloclasts and quartz carbonate									
			veining with sulfides.									
			249.8 - 254.8 interflow breccia with mauve and pale green volcanic	45°	250'							
			fragments, angular and subrounded; laminated chert									
			fragments and sulfides in both fragments									
			and matrix, matrix is principally									
			dark greenish grey and chloritic (tops down hole)									
			254.8 - 271 pillowed mafic flow with frequent zones of	25°								
			hyaloclasis and quenching representing	55°								
			50% of the volume of material									
			271 - 278 pillow breccia and hyaloclastic breccia									
			possibly part of flow from 254.8 - 271									
			276 - 277.2 hyaloclastic and sedimentary breccia									
			with quartz carbonate vein addition, pyrite 5py & graphite			13352	276.0	277.2	1.2	6309	0.184	
			278 - 319.5 pillowed and massive mafic flow with	55°								
			frequent zones of hydrofracturing and	65°								
			hyaloclasis; spherulites common in pillows as is	75°	300'							
			quench texture or spilitization; 1% chloritic	45°								--
			amygdules.									

(82/1)

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

From	To	Rock Type	GF-98-15 / 5 — Colour, grain size, texture, minerals, alteration, etc.	Angle°	Footage	Sample No.	From	To	Sample Length	Au	
196	482.5	MAFIC METAVOLCANIC (CONTINUED)	288 - 289.3 hyaloclasis with qc v and pyrite addition in matrix - 10% py 70% qc.			13353	288.0	289.3	1.3	45	
			295 - 296.2 hyaloclastic breccia with quench textures								
			309.5 - 310.5 hyaloclastic breccia with quench textures								
			319.5 - 342.5 sedimentary tectonic breccia with chert, ?, and fragmented carbonate and quartz carbonate stringers - moderately intense shearing 10% sericite	50° 35° 20°							
			-327 fault gouge @ 35°								
			-328 - 329.5 q.c. vein breccia								
			-331.3 - 332.4 q.vein breccia								
			342.5 - 399.6 pillowed and massive mafic flow: dark greenish grey to dark grey, pillows and narrow hyaloclastic zones on pillow margins, hydrofracturing with chlorite polysuturing to 10% of rock	50° 55° 45° 35°	350'						
			364 - 365 qcv breccia			13,374	363.4	365.0	1.6	27	
			369 - 394 epidote addition in stringers and veinlets common - rock dark grey with mod strong magnetism, hematite in vugs at 389		vuggy zone	13375	388.6	389.1	0.5	Nil	
			399.6 - 400.6 interflow sediment - high in carbonate with large rounded quartz fragments - could be a wacke.	70°							
			400.6 - 408 pillowed mafic flow	60°	400'	13376	407.8	408.2	0.4	Nil	[illegible]
			408 - 419.3 quartz feldspar porphyry - 1/8 to 1/4" quartz and feldspar phenocryst in a medium greenish grey to medium grey to grey buff fine grain matrix, phenocryst comprise 20% of rock: feldspars are white to pale green with diffuse anhedral and rounded outlines, poor ?? matrix especially in grey buff section is broken up and polysutured with chlorite	50°	qtz bx	13377	418.0	419.3	1.3	48	
			419.3 - 482.5 pillowed mafic flow - bleached and sheared towards lower contact	50° 65°	pbr 1% py	13378	419.3	420.5	1.2	3	
			450 - 1% ?? py diss; ?? fract ?; 474.5 - 482.5 moderate shearing & 50% sericite replacement	25° 30°	selvedge	13379	422.7	423.1	0.4	14	
					450'	13380	441.0	442.2	1.2	14	shear selvedge
						13381	465.5	467.7	2.2	27	py ??
482.5	573.2	SHEAR ZONE	moderate to intense shearing including fault gouge and tectonic breccia with fine & coarse quartz & quartz carb veining modest and strong sulfide mineralization, carbonatization and sericite addition varying in intensity	55° 45° 35°							
			482.5 - 508.1 quartz - feldspar porphyry: buff mottled with 1/4 to 3/4" qtz phenocrysts 20% and 1/8 to 1/2" feldspar phenocrysts 20% (poorly defined)								

783 (82/1)

				Angle°	Contact	Sample No.	From	To	Length			g/t Au
486.5	572.2	SHEAR ZONE (CONTINUED)	Gf 30-70 with a fine grained matrix with 20% sericite addition; tectonic fracturing and rolling of embedded phenocrysts ~1% py 486.2-488.6 mafic volcanic xenolith stained + sericite altered	50° 45°	500'							
			508.1 - 517.3 tectonic breccia with mafic volcanic and qtz fragments - 5-10% py in f.g fragments and stringers	40°		13332	508.0	513.0	5.0	562		
						13333	513.0	517.3	4.3	278		
			517.3 - 520.5 silicified tectonic breccia and quartz vein with chl mc + py	65°		13334	517.3	520.5	3.2	2195		
			520.5 - 521.5 quartz feldspar porphyry - reddish buff			13335	520.5	521.5	1.0	95		
			521.5 - 523.5 fault gouge with quartz veining			13336	521.5	523.5	2.0	79		
			523.5 - 525.8 shear, contorted rusty mafic volcanic			13337	523.5	525.8	2.3	39		
			525.8 - 531.2 mafic flow or dike with fine leucoxene speckles weak shearing, massive	50°		13338	525.8	531.2	5.4	24		
			531.2 - 536.8 tectonic breccia - vole & qtz carb fragments - massive sericite then yellow green sericite alteration 1-2% py			13339	531.2	533.8	2.6'	55		
						13340	533.8	536.8	3.0'	185		
			536.8 - 545.5 quartz vein breccia, bluish grey and white fine grain brecciated quartz with minor mc, gf chl and py 4-5% vfg. sericite 5% chl 5% carb 5% visible gold in fine clots up to .5mm specks @ 541.3, 544.5 & 545	65°	v.g.	13341	536.8	541.2	4.4'	1138	.033	M37
						13342	541.2	545.5	4.3'	4560	.133	4994
												.086/8.7
			545.5 - 556.3 tectonic breccia - fine grain silica and sericite 5% sulfides in stringers to 548.4 then green carbonate and sericite with chlorite spotting & leucoxene dominate py 1%, minor mc occ vfgr gold	20°	550'	13343	545.5	546.8	1.3'	230		225
						13344	546.8	548.4	1.6'	523		522
						13345	548.4	551.8	3.4	160		
						13346	551.8	556.3	4.5'	75		
			556.3 - 564.4 quartz sericite chlorite vein with 1% py - fine gr white qtz, yellow sericite strong cataclastic + tectonic breccia & fault gouge @ 30° at 559.7			13347	556.3	561.7	5.4	65		
						13348	561.7	564.4	2.7	51		
			564.4 - 566.7 quartz carb sericite vein breccia - 5% pyrite	40°		13349	564.4	566.7	2.3	518		
			566.7 - 570.6 tectonic breccia with quartz carbonate vein fragments a leucoxene mafic volc fragments strongly sheared 1% py	45°		13350	566.7	570.6	3.9	336		
			570.6 - 573.2 sedimentary and tectonic breccia - angular fragments of mafic volc laminated chert and carbonate sulfide, and leucoxene volcanics - weakly foliated - 2% py			13351	570.6	573.2	2.6	586		

From	To	Rock Type	GF-90-15 | 3 — Colour, grain size, texture, minerals, alteration, etc.	Angle °	Footage	Sample No.	From	To	Sample Length
579.2	606	MAFIC METAVOLCANIC	LEUCOXENE RICH MAGNESIUM THOLEIITE: beige speckled and dark green spotted medium greenish grey rock, fine to medium grain weakly foliated massive rock; 5% calcite stringers <1% sulfides, appears to be a thick flow or intrusive; chlorite spots throughout appear to be partly random and partly spatially related to carbonate stringers; chlorite spots 50% leucoxene 10%	40° 30° 65°	600'				
606			End of Hole						

SLUDGE VALUES

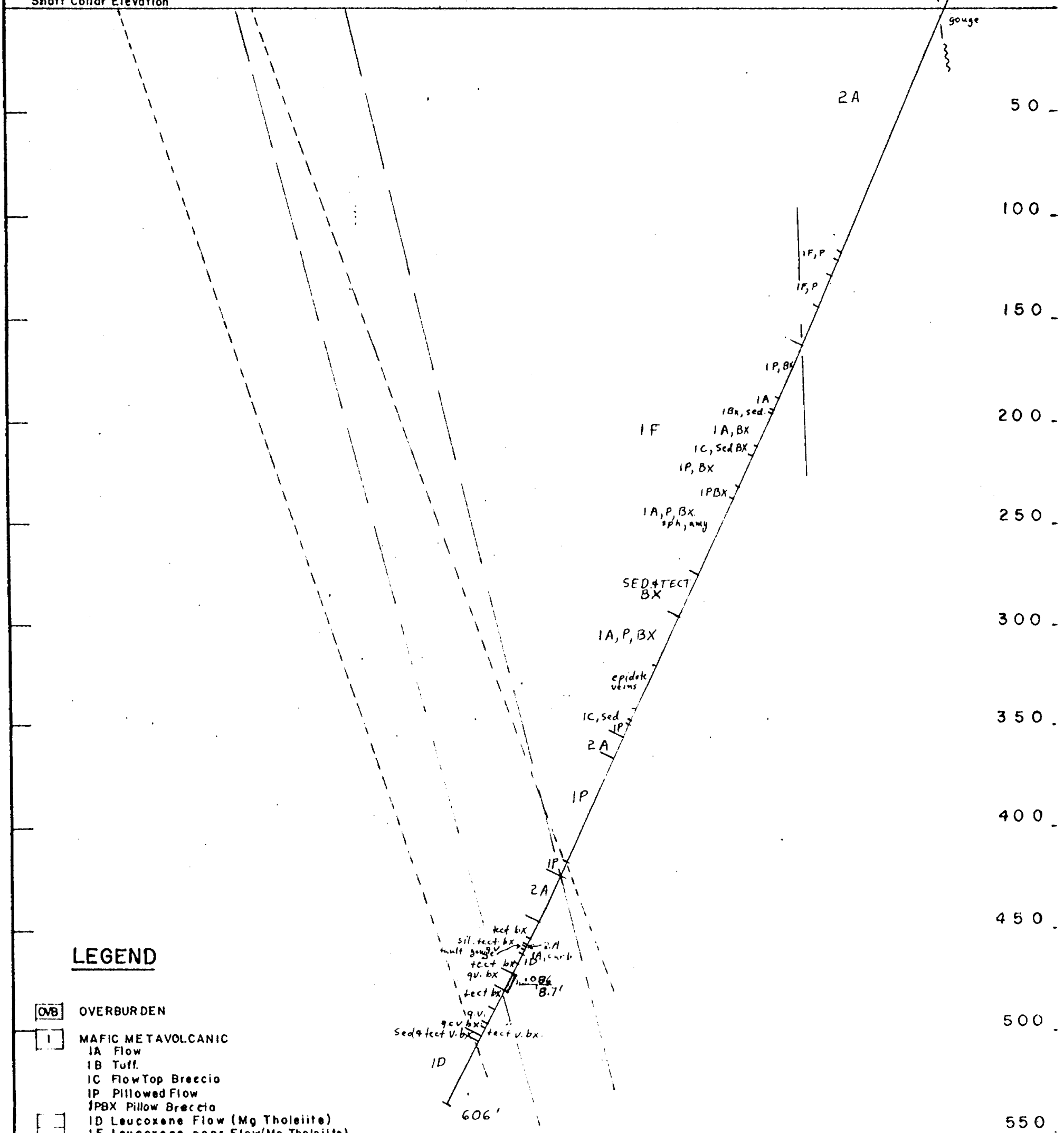
From	To	Gold Assay (ppb)
16	36	590
36	56	62
56	76	Nil
76	96	34
96	116	Nil
116	136	Nil
136	156	380
156	176	57
176	196	38
196	216	193
216	236	75
236	256	285
256	276	42
276	296	373
296	316	27
316	336	82
336	356	96
356	376	18
376	396	17
396	416	17
416	436	84
436	456	34
456	476	152
476	496	106
496	516	177
516	536	1467
536	556	1285
556	576	144
576	596	194
596	606	29

63.6031

AZIMUTH
208.5° → 28.5

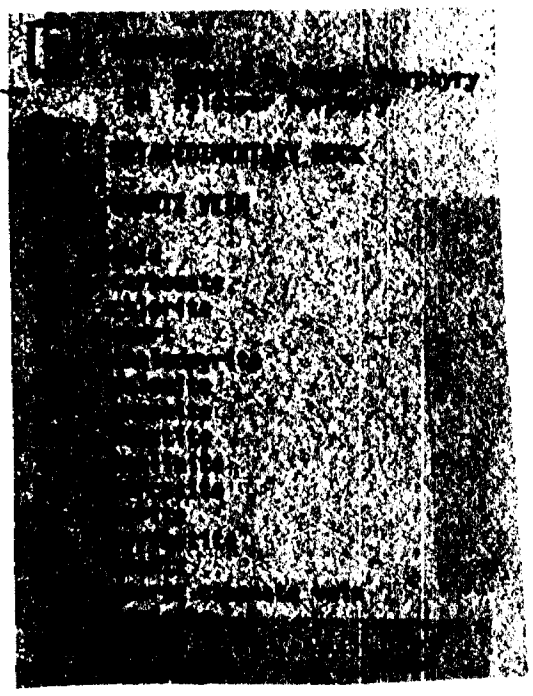
Hole GF 90-15
Elev. Collar +17.1

Shaft Collar Elevation



LEGEND

- OVB — OVERBURDEN
- 1 — MAFIC METAVOLCANIC
  - 1A Flow
  - 1B Tuff.
  - 1C Flow Top Breccia
  - 1P Pillowed Flow
  - 1PBX Pillow Breccia
  - 1D Leucoxene Flow (Mg Tholeiite)
  - 1E Leucoxene-poor Flow (Mg Tholeiite)
  - 1F Iron Tholeiite
  - 1G Amygdaloidal Flow with box work calcite fracture filling



SCALE 1" = 50'

0 50 100

International Platinum Corp.
Glencairn Exploration Ltd.
GOODFISH JOINT VENTURE
DRILL HOLE SECTION
DATE: Oct 27/90 | NTS 32D/4,5E/1 | Fig. No. 17

63.6031

AZIMUTH
042° → 222°

GF 90-14
Collar Elev. +17.1

Shaft Collar Elevation

50
100
150
200
250
300
350
400
450
500
550
600

fault gouge
2
IF A
P
PBX
lenc 1 PBX
A fract
1B
1A
0.38¢ / 1.0'
0.8% / 10.0'
0.2% / 11.2'
2A
sed bx PBX
1D
s.z. 1A
1E
qcv bx
1 PBX
qcv bx
lenc 1 PBX
qcv bx
ID
0.16 / 5.1'
1G
carb
1E PBX
1E A
2
1G
qv ID
2
876'

LEGEND

OVB OVERBURDEN

1 MAFIC METAVOLCANIC
- 1A Flow
- 1B Tuff
- 1C Flow Top Breccia
- 1P Pillowed Flow
- 1PBX Pillow Breccia
- 1D Leucoxene Flow (Mg Tholeiite)
- 1E Leucoxene-poor Flow (Mg Tholeiite)
- 1F Iron Tholeiite
- 1G Amygdaloidal Flow with boxwork calcite fracture filling

2A Quartz Feldspar Porphyry
2B Feldspar Porphyry
METASEDIMENTARY ROCK
QUARTZ VEIN
gold
carbonate
chlorite
chert
chalcopyrite
dolomite
graphite
hematite
kaolinite
marcasite
pyrite
pyrrhotite
quartz
quartz cabonate vein
sericite
silicified
tourmaline

SCALE 1" = 50'
0 50 100

International Platinum Corp.
Glencairn Exploration Ltd.
GOODFISH JOINT VENTURE
DRILL HOLE SECTION

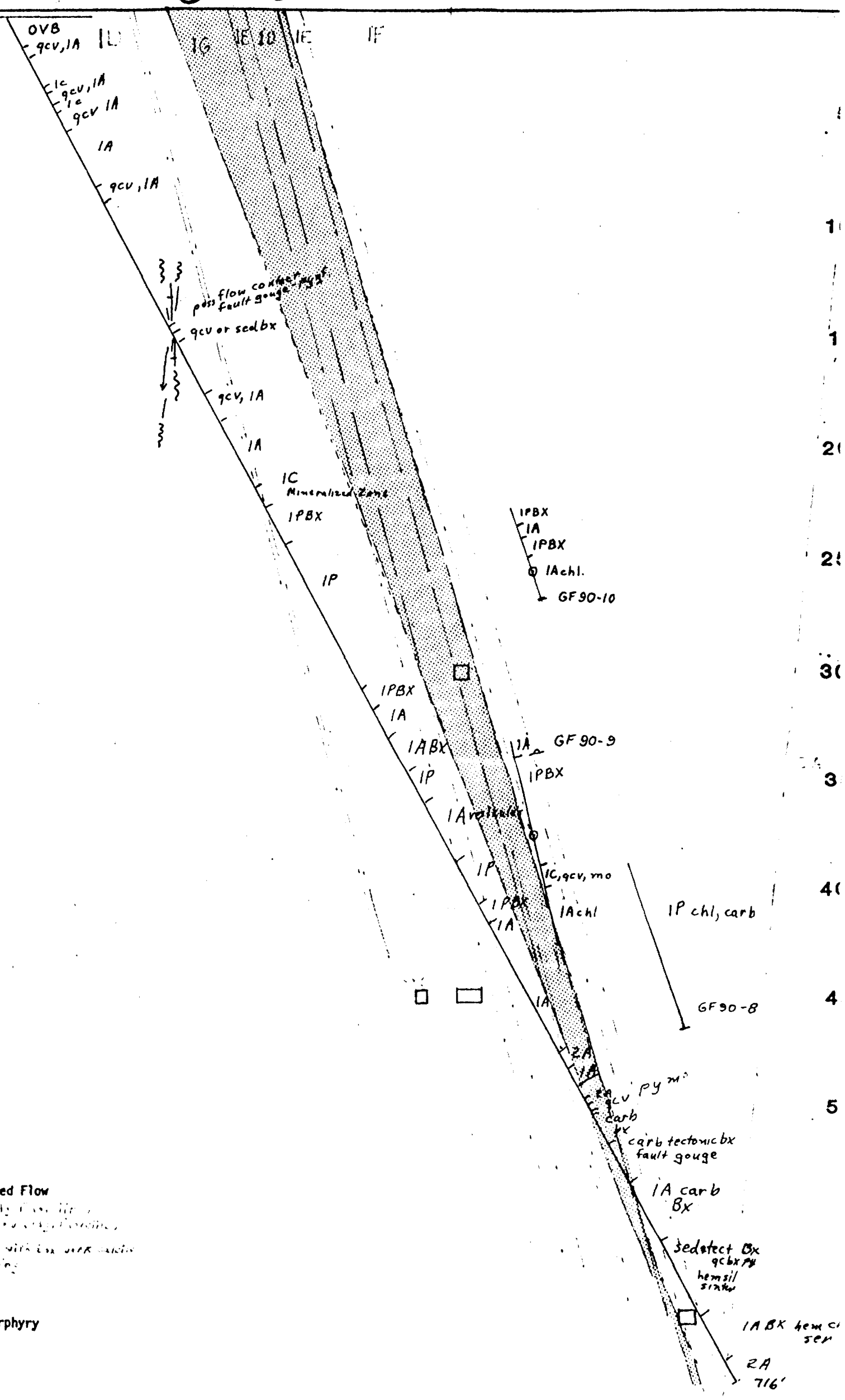
DATE: Oct 21/90 NTS File No. 16

GF90-13

Surface Elev. -3.2'

63.6031

077° azim.



LEGEND

OVB	OVERBURDEN
1	MAFIC METAVOLCANIC
	1A Flow
	1B Tuff
	1C Flow Top Breccia
	1P Pillowed Flow
	1PBX Brecciated Pillowed Flow
2	PORPHYRY
	2A Quartz Feldspar Porphyry
	2B Feldspar Porphyry
3	METASEDIMENTARY ROCK
QV	QUARTZ VEIN

au	gold
carb	carbonate
chl	chlorite
ch	chert
cp	chalcopyrite
dol	dolomite
gf	graphite
hem	hematite
kaol	kaolinite
mar	marcasite
py	pyrite
po	pyrrhotite
q	quartz
qcv	quartz cabonate vein
ser	sericite
ag	silver
sp	sphalerite

SCALE 1" = 50'

0 50 100

International Platinum Co

GOODFISH

DIAMOND DRILL HO

SECTION

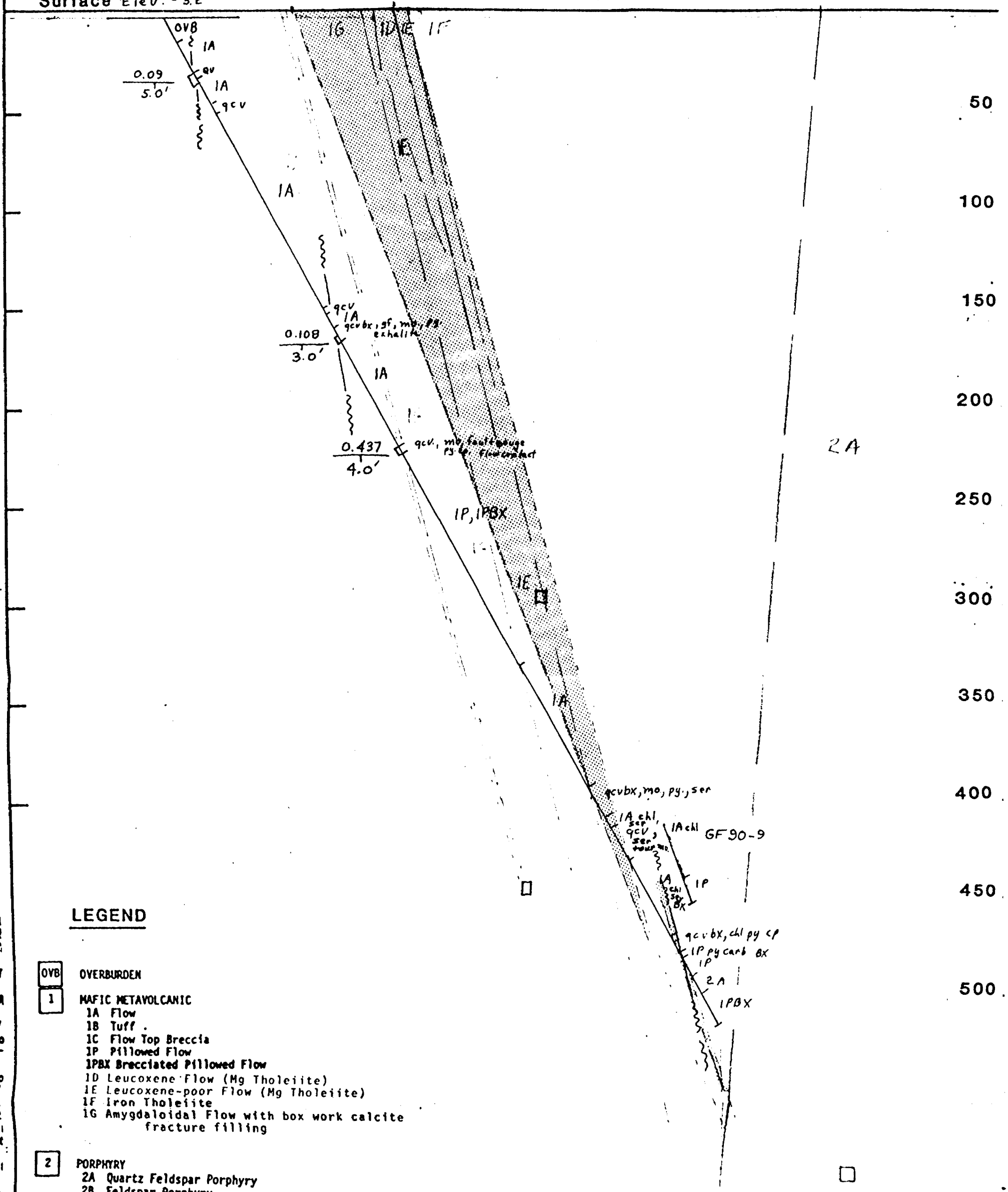
DATE: | N.T.S. | Fig No.

GF90-12

63.6031

044°
azim.

Surface Elev. - 3.2'



LEGEND

- OVB — OVERBURDEN
- 1 — MAFIC METAVOLCANIC
  - 1A Flow
  - 1B Tuff
  - 1C Flow Top Breccia
  - 1P Pillowed Flow
  - 1PBX Brecciated Pillowed Flow
  - 1D Leucoxene Flow (Mg Tholeiite)
  - 1E Leucoxene-poor Flow (Mg Tholeiite)
  - 1F Iron Tholeiite
  - 1G Amygdaloidal Flow with box work calcite fracture filling
- 2 — PORPHYRY
  - 2A Quartz Feldspar Porphyry
  - 2B Feldspar Porphyry
- 3 — METASEDIMENTARY ROCK
- QV — QUARTZ VEIN

au	gold
carb	carbonate
chl	chlorite
ch	chert
cp	chalcopyrite
dol	dolomite
gf	graphite
hem	hematite
kaol	kaolinite
mar	marcasite
py	pyrite
po	pyrrhotite
q	quartz
qcv	quartz cabonate vein
ser	sericite
ag	silver
sp	sphalerite

SCALE 1" = 50'

0 50 100

International Platinum Corp.

GOODFISH

DIAMOND DRILL HOLE SECTION

DATE:	N.T.S.	Fig No.:

63.6031

030° azim.

Surface Elev-9.9

GF 90-11

OVB
qcv
1A
1PBx leuc
Fault Gouge
qcv bx
1A
qcv
1A
fault gouge
1A
1C qcv bx, 1C
qcv
1P
1P
1A
qcv, mo. py
ser carb
gf
1C qcv bx
1PBX
1P
1ABX
0.386
12.0
393'
1PBX
qcv
1.715
5.0'
qcv, mo
8.0

2A

GF 90-4

1A
2A
1A

50
100
150
200
250
300
350
400
450
500

LEGEND

- OVB OVERBURDEN
- 1 MAFIC METAVOLCANIC
  - 1A Flow
  - 1B Tuff
  - 1C Flow Top Breccia
  - 1P Pillowed Flow
  - 1PBX Brecciated Pillowed Flow
  - 1D Leucoxene Flow (Mg Tholeiite)
  - 1E Leucoxene-poor Flow (Mg Tholeiite)
  - 1F Iron Tholeiite
  - 1G Amygdaloidal Flow with box work calcite fracture filling
- 2 PORPHYRY
  - 2A Quartz Feldspar Porphyry
  - 2B Feldspar Porphyry
- 3 METASEDIMENTARY ROCK
- QV QUARTZ VEIN

au	gold
carb	carbonate
chl	chlorite
ch	chert
cp	chalcopyrite
dol	dolomite
gf	graphite
hem	hematite
kaol	kaolinite
mar	marcasite
py	pyrite
po	pyrrhotite
q	quartz
qcv	quartz cabonate vein
ser	sericite
ag	silver
sp	sphalerite

SCALE 1" = 50'

0 50 100

International Platinum Corp.		
GOODFISH		
DIAMOND DRILL HOLE SECTION		
DATE:	N.T.S.	Fig No.:

63.6031

350° azim.

Surface Elev-9.9

50
100
150
200
250
300
350
400
450
500

GF 90-10
346'

GF 90-9

GF 90-13

GF 90-12

GF 90-4

LEGEND

VB OVERBURDEN

1 MAFIC METAVOLCANIC
- 1A Flow
- 1B Tuff
- 1C Flow Top Breccia
- 1P Pillowed Flow
- 1PBX Brecciated Pillowed Flow
- 1D Leucoxene Flow (Mg Tholeiite)
- 1E Leucoxene-poor Flow (Mg Tholeiite)
- 1F Iron Tholeiite
- 1G Amygdaloidal Flow with box work calcite fracture filling

PORPHYRY
- 2A Quartz Feldspar Porphyry
- 2B Feldspar Porphyry

METASEDIMENTARY ROCK

QUARTZ VEIN

gold
carbonate
chlorite
chert
chalcopyrite
dolomite
graphite
hematite
kaolinite
marcasite
pyrite
pyrrhotite
quartz
quartz cabonate vein
sericite
silver
sphalerite

SCALE 1" = 50'

0 50 100

International Platinum Corp.		
GOODFISH		
DIAMOND DRILL HOLE SECTION		
DATE:	N.T.S.	Fig No.:

63.6031

003° azim.

Surface Elev -9.9

GF 90-8

OVB
1A
1C
1A
1P, 1PBX
1A
1A
carb Bx
1A
2A
1A
2A
1A
2A
1A
1C, qcv Bx
1A
1A
qcv
Mineralized zone
QCV, BX, 2A, py
0.093
3.6'
QV, QV Bx py, mo. v.g.
QCV, QCVBx, ser, py, mo.
1A
1PBx
QCVBX
0.147
6.1'
1P chl, carb,
530
GF 90-4
1D
1E
1F
2A
50
100
150
200
250
300
350
400
450
500
Carb Tect Bx
fault gouge
1A, carb Bx
GF-90-13
Carb Tect Bx
hem sil sinter
1A Bx
2A

LEGEND

- OVB — OVERBURDEN
- 1 — MAFIC METAVOLCANIC
  - 1A Flow
  - 1B Tuff
  - 1C Flow Top Breccia
  - 1P Pillowed Flow
  - 1PBX Brecciated Pillowed Flow
  - 1D Leucoxene Flow (Mg Tholeiite)
  - 1E Leucoxene-poor Flow (Mg Tholeiite)
  - 1F Iron Tholeiite
  - 1G Amygdaloidal Flow with box work calcite fracture filling
- 2 — PORPHYRY
  - 2A Quartz Feldspar Porphyry
  - 2B Feldspar Porphyry
- 3 — METASEDIMENTARY ROCK
- QV — QUARTZ VEIN

au	gold
carb	carbonate
chl	chlorite
ch	chert
cp	chalcopyrite
dol	dolomite
gf	graphite
hem	hematite
kaol	kaolinite
mar	marcasite
py	pyrite
po	pyrrhotite
q	quartz
qcv	quartz cabonate vein
ser	sericite
ag	silver
sp	sphalerite

SCALE 1" = 50'

0 50 100

International Platinum Corp.

GOODFISH

DIAMOND DRILL HOLE SECTION

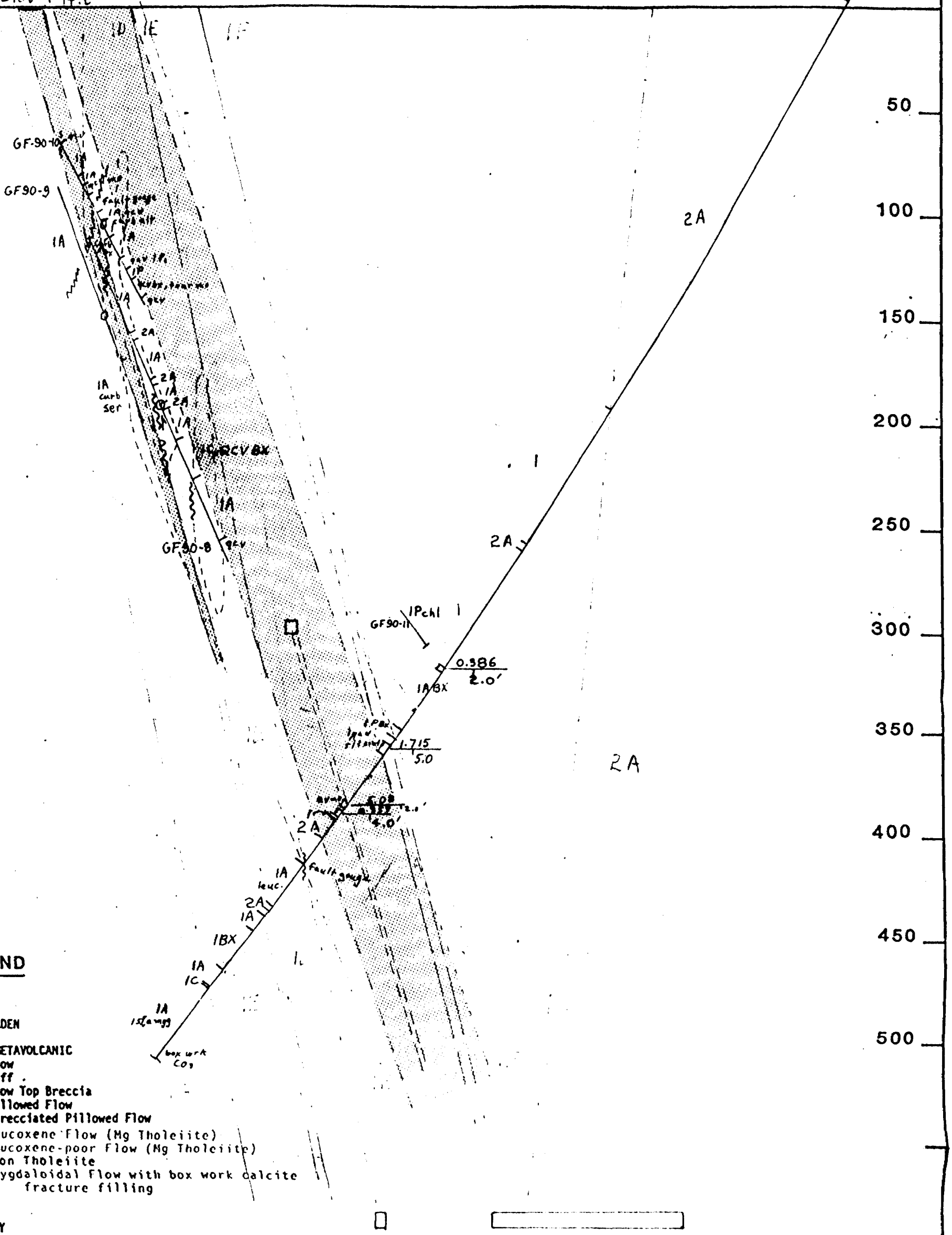
DATE:	N.T.S.	Fig No.:

63.6031

040°
azim.
GF 90-04

Surface Elev + 14.2'

50
100
150
200
250
300
350
400
450
500



LEGEND

VB OVERBURDEN

1 MAFIC METAVOLCANIC
- 1A Flow
- 1B Tuff
- 1C Flow Top Breccia
- 1P Pillowed Flow
- 1PBX Brecciated Pillowed Flow
- 1D Leucoxene Flow (Mg Tholeiite)
- 1E Leucoxene-poor Flow (Mg Tholeiite)
- 1F Iron Tholeiite
- 1G Amygdaloidal Flow with box work calcite fracture filling

2 PORPHYRY
- 2A Quartz Feldspar Porphyry
- 2B Feldspar Porphyry

3 METASEDIMENTARY ROCK

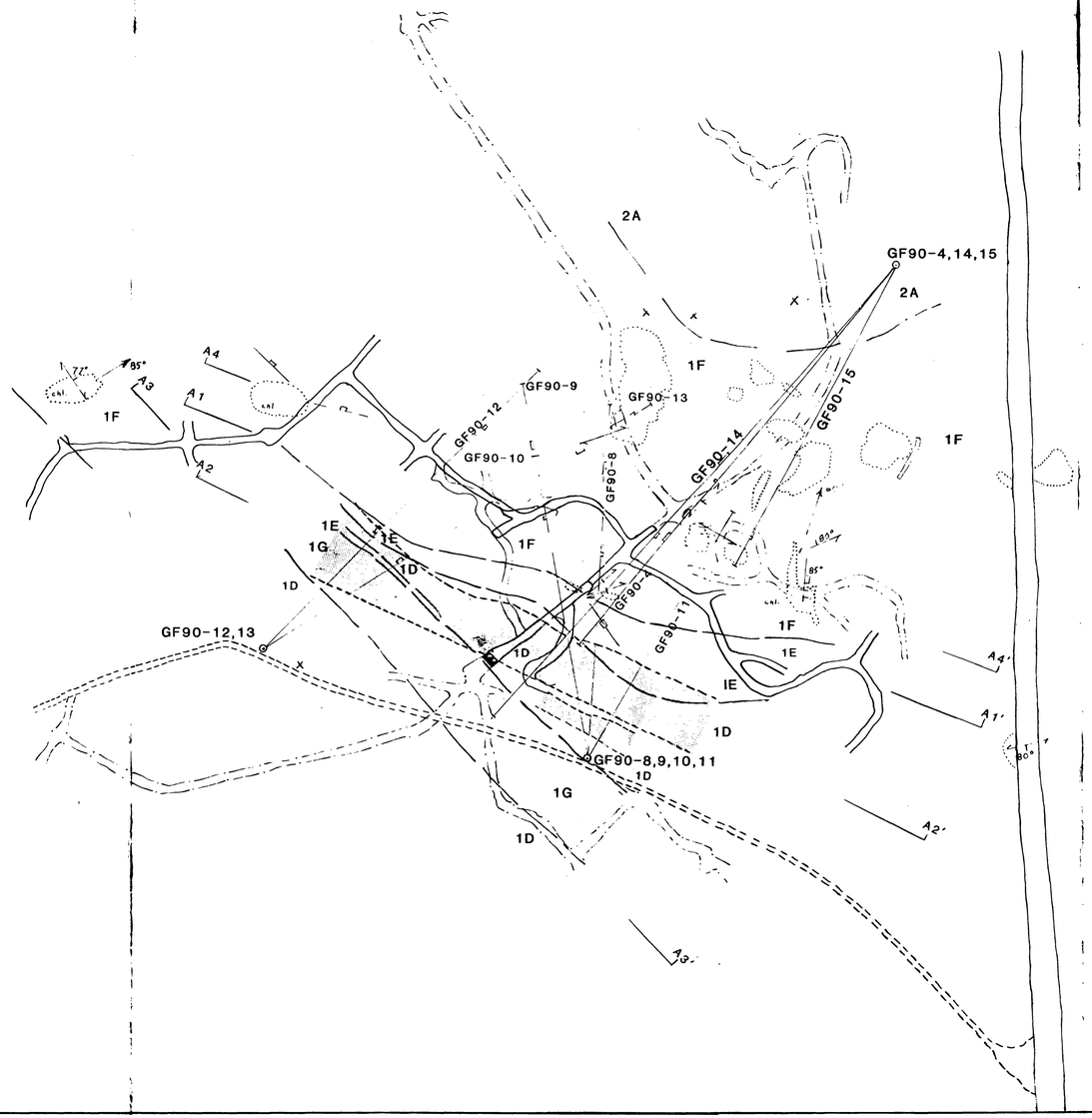
V QUARTZ VEIN

- au gold
- arb carbonate
- hl chlorite
- h chert
- cp chalcopyrite
- dl dolomite
- gr graphite
- hm hematite
- kol kaolinite
- mr marcasite
- py pyrite
- po pyrrhotite
- qz quartz
- qv quartz cabonate vein
- ser sericite
- ag silver
- sph sphalerite

SCALE 1" = 50'

0 50 100

International Platinum Corp.		
GOODFISH		
DIAMOND DRILL HOLE SECTION		
DATE:	N.T.S.	Fig No.:



N

LEGEND

- OVB — OVERBURDEN
- 1 — MAFIC METAVOLCANIC
  - 1D Leucoxene Flow
  - 1E Leucoxene-poor Flow
  - 1F Iron Tholeiite
  - 1G Amygdaloidal, box work calcite Flow
- 2 — PORPHYRY
  - 2A Quartz Feldspar Porphyry
  - 2B Feldspar Porphyry
- 3 — METASEDIMENTARY ROCK
- SHEAR ZONE

- Foliation with dip
- Lineation with plunge
- Micro jointing
- Drillhole collar
- Shaft collar
- Outcrop
- Mine Workings
  - 600 foot level
  - 450 foot level
  - 300 foot level
  - 150 foot level
- All weather road
- First Class Road
- Geological Boundary
- Mineralized Intersection

Note: Drillhole collars surveyed in with respect to pipe in Nel Shaft

SCALE: 1"=50'

0 50 100

63.6031

INTERNATIONAL PLATINUM CORPORATION

GLENCAIRN EXPLORATION LIMITED

GOODFISH JOINT VENTURE

DRILL HOLE PLAN
ZONE A

DATE: Oct. 27,1990 | NTS: 32D/4,42A/1 | Figure No.5

A1 — A1'

100'
200'
300'
400'
500'
600'

GF90-10
Horizon Missing

GF90-11
Horizon Missing

GF90-9 0.003 / 5.1
Flow Top

GF90-4 0.876 / 10.0'
Fe Sil

GF90-8 0.147 / 5.1'
Flow Top

GF90-12
Horizon Missing
fault?

GF90-14 0.037 / 7.7'
Shear Zone

GF90-15
Horizon Missing
fault?

GF90-13 0.042 / 39.2'
Fe Sil

SCALE: 1"=50'

0 50 100

INTERNATIONAL PLATINUM CORP.	
GLENCAIRN EXPLORATION LTD.	
GOODFISH JOINT VENTURE	
LONGITUDINAL SECTION	
ZONE A-1	
DATE: Oct. 27,1990	
NTS: 32D/4,42A/1	Fig. No. 6

63.6031

A2 — A2'

100'

200'

GF90-10
⊙ Nil

GF90-11 ⊙ .05 / 5.0'

300'

GF90-8 ⊙ 0.099 / 3.6'

GF90-9 ⊙ 0.146 / 3.2'

GF90-4 ⊙ 1.30 / 9.0'

400'

GF90-12
⊙ 0.103 / 5.0

GF90-15 ⊙ 0.086 / 8.7'

GF90-14 ⊙ 0.151 / 5.1'

500'

GF90-13 ⊙ 0.045 / 6.0'

600'

SCALE: 1"=50'

0 50 100

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INTERNATIONAL PLATINUM CORP.

GLENCAIRN EXPLORATION LTD.

GOODFISH JOINT VENTURE

LONGITUDINAL SECTION

ZONE A-2

DATE: Oct. 27,1990	Fig. No. 7
NTS:32D/4,42A/1	

A3

A3'

100'

200'

300'

400'

500'

600'

GF90-12
0.45
4.0'

GF90-13
tr.
5.6'

Reported High Grade

GF90-14
Unit Missing?

SCALE: 1" 50'

0 50 100

INTERNATIONAL PLATINUM CORP.	
GLENCAIRN EXPLORATION LTD.	
GOODFISH JOINT VENTURE	
LONGITUDINAL SECTION	
ZONE A-3	
DATE: Oct. 27,1990	
NTS: 32D/4,42A/1	Fig. No. 8

63.6031

A4

A4'

100'

200'

300'

400'

500'

600'

GF90-10 ⊙
Massive Flow

GF90-4 ⊙ 0.38₂ / 2.0'

GF90-14 ⊙ 0.215 / 11.2'

GF90-15 ⊙ Nil

GF90-9 ⊙ Massive Flow

GF90-8 ⊙ 0.01 / 5.0'

GF90-12 ⊙ .013 / 7.8'
Vein breccia

SCALE: 1" 50'

0 50 100

INTERNATIONAL PLATINUM CORP.	
GLENCAIRN EXPLORATION LTD.	
GOODFISH JOINT VENTURE	
LONGITUDINAL SECTION	
ZONE A-4	
DATE: Oct. 27,1990	Fig. No. 9
NTS:32D/4,42A/1	

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