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ASSESSMENT REPORT ON DIAMOND DRIL	LING
ON THE	· · ·
PLATINUM BLONDE PROPERTY	FILMED
GREENWOOD MINING DIVISION	
BRITISH COLUMBIA 87E/9W 49°33.8'	18°21.1 '
VOLUME I OF II Text	
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FOR	
Owner: LONGREACH RESOURCES LTD	
605-675 HOWE ST	
VANCOUVER, BRITISH COLUMBIA	\sim
V6C 2B3	
Operator: Placer Development	

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23 FEBRUARY 1987

BY: A.M.S.CLARK TONY CLARK CONSULTING 2988 FLEET ST COQUITLAM BC, V3C 3R8

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BRANCH REPORT

SUMMARY

This report covers the results of core logging and sampling by Placer Development geologists of 19 diamond drill-holes(3539 feet) on the Franklin Claim Group out of a total of 31 holes(6100 feet) on the Platinum Blonde property of Longreach Resources. The rest of the holes are reported separately in the assessment report for the PT Group of claims. The work was undertaken between Sepember and December 1986, and is based on previous work (prospecting, sampling and geophysical) done in 1985 and 1986, some of which is not recorded in the assessment records.

At this stage it is not possible to form conclusions or to make recommendations except to note that the highest values recorded were 35200 ppm Cu,1520 ppb Pt and 2840 ppb Pd all from the same sample of syenite. The results are continuing to be evaluated in preparation for possible further work on the property.

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VOLUME II DRILL-LOGS PRE-AMBLE

Tony Clark Consulting has been retained by Longreach Resources to compile this report from information available from personnel in Longreach who planned the program and initiated drilling, and from personnel connected with Placer Development Limited of Vancouver who were responsible for core-logging and sampling. No representative of Tony Clark Consulting was involved in any part of this project, apart from the compilation of information into this report. The sources of information for this report are:

-initial planning of drill locations, initiation of drilling and initial orientation sampling of core on a preliminary basis: A.R.C.Potter (a Director of Longreach Resources)

-core logging and detailed systematic

sampling:J.Reeves under the supervision of R.Pinsent(geologists with Placer Development).

-report by J.J.McDougall dated 31 October 1985 which is noted in the bibliography and which forms part of the STATEMENT OF MATERIAL FACTS, NO.99/86,(LONGREACH RESOURCES), VANCOUVER STOCK EXCHANGE.

-various maps related to previous geophysical surveys (VLF-EM and magnetic) that are filed in the Longreach offices.

LOCATION

The property is located in the Greenwood Mining Division in the vicinity of Franklin Creek (Figs 1,2 & 3) about 70 kms north of Grand Forks. The area is covered by NTS map-sheet 82/E9.

LOCATION OF DRILL-CORE AND BAMPLES

The drill-core is located on the property adjacent to each hole, and the sample-pulps are held by Placer Development at their Vancouver Laboratory.

ACCESS

Access is by road from Grand Forks.

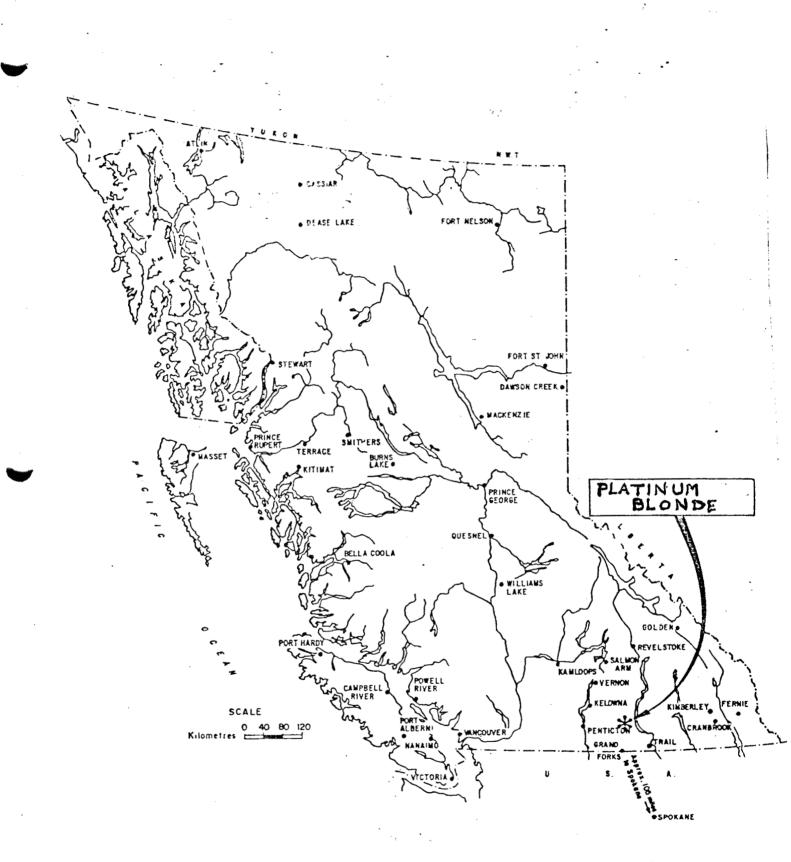
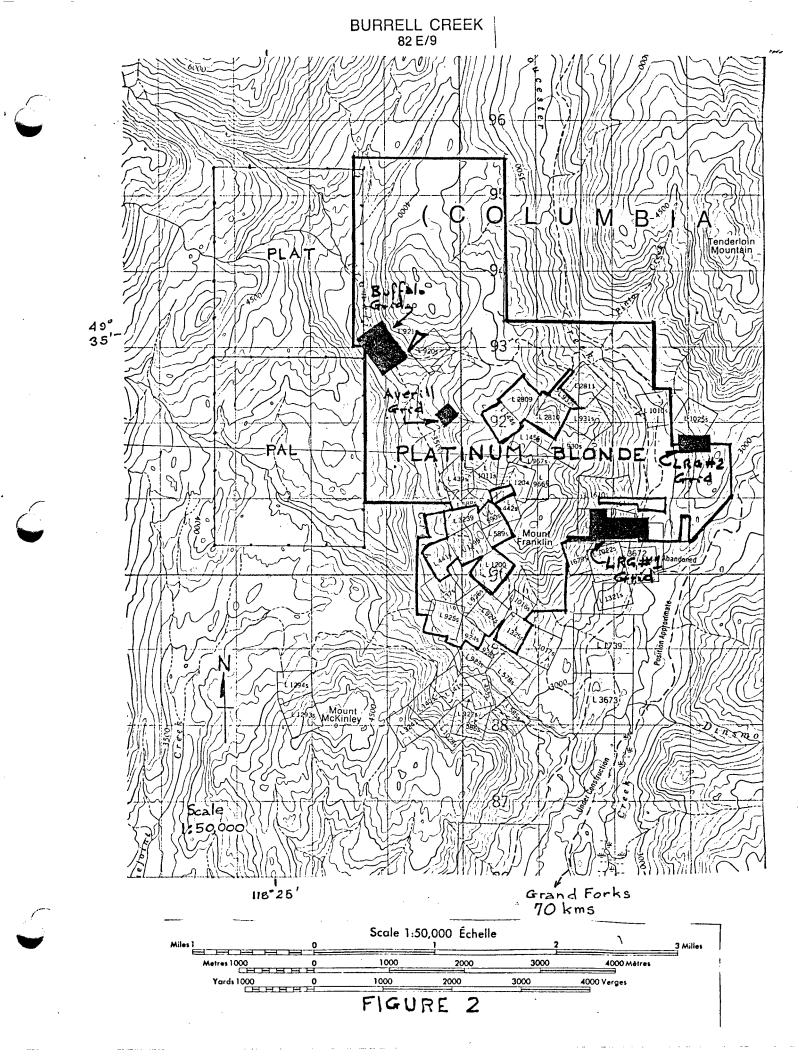
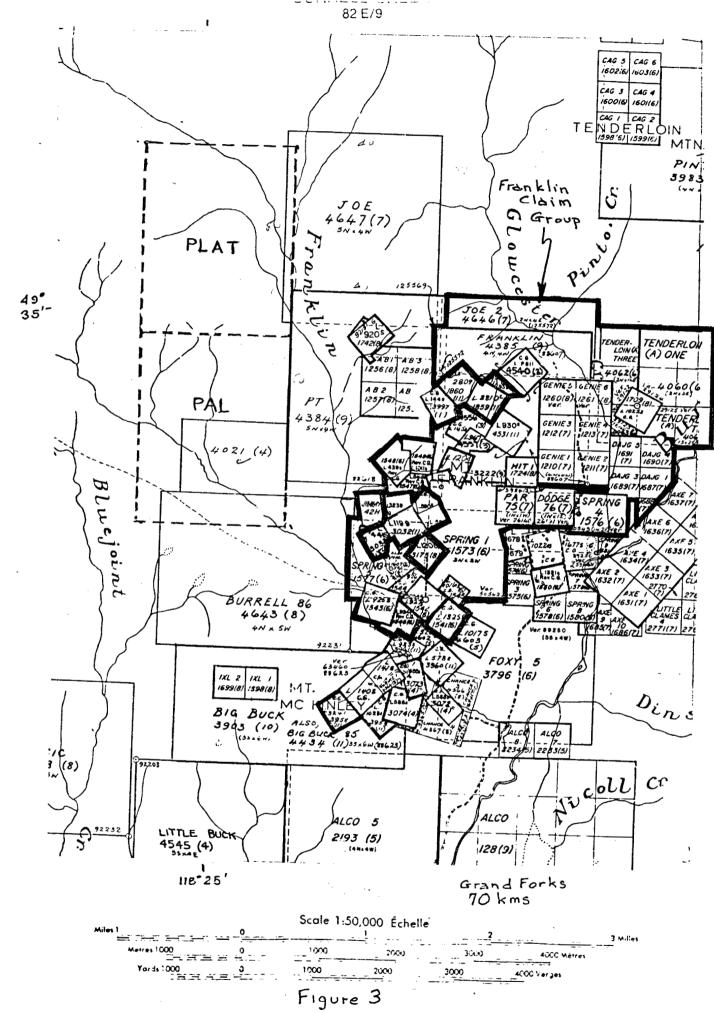


FIGURE 1

LOCATION MAP





PERIOD OF WORK

The work was undertaken between the 9th September and the 22nd December. The following personnel worked on the property: A.Potter, supervising Longreach 9 Sept-22 Dec 1986 Lee Mawer, sampling Longreach 21 Nov-22 Dec 1986 M.Moorman, sampling Longreach 9 Sept-10 Nov 1986 R.H.Pinsent, geology Placer 18 Nov, 9-13 Dec 1986 J.Reeves, core logging Placer 18-22 Nov, 9-13 Dec 1986

Drilling was by HydraCore Drill Ltd. of Richmond,BC, using the HydraCore BQ-size drill. The drill was on the property from 27 August to 7 December 1986.

PROPERTY

The following claims are owned by Longreach:

22 July 1987 7 Jan 1989 13 Feb 1989 17 March 1989 17 March 1989 20 Sept 1988	1986 1986 1986 1986 1986 1985
7 1: 1: 1:	3 Feb 1989 7 March 1989 7 March 1989

The following claims are owned by E.McDougall of Grand Forks and are optioned to Longreach under an agreement dated 13 January 1986:

Alpha	3222 1	24 Sept 1989	1982
DAJG 1-5	1687-91 5	24 July 1987	1979
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The following claims are owned by 24K Mining Inc.of 470 Granville St, Vancouver, and are optioned to Longreach under an agreement dated 15 January 1986:

Par	75	1	7 July 1995 1975
Dodge	,76	1	7 July 1995 1975
Spring 1	1573	6	12 June 1995 - 1979
Spring 4	1576	2	12 June 1995 - 1979
Hit	1724	1	16 August 1995 1979
Genie #1	1210	1	26 July 1995 1978
Genie #2	1211	· 1	26 July 1995 •1978
Genie #3	1212	. 1	26 July 1995 1978
Genie #4	1213	1	26 July 1995 1978
Genie #5	1260	1	9 August 1995 1978
Genie #6	1261	1	9 August 1995 1978
Hennekin	1548	1	6 June 1995 1979
Verde	1549	1	6 June 1995 1979

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Violet Fr.	1547	1	6 June 1995	1979
Mac No.1	1607	1	19June 1995	1979
Spring #5	1577	4	12 June 1995	1979
Alto Fr.	1544	1	6 June 1995	1979
Eclipse	1543	1	6 June 1995	1979
Yellow Jacket	1546	1	6 June 1995	1979
Ax	1542	1	6 June 1995	1979
Eaganville	15 45	1	6 June 1995	1979
Athelstan	1541	1	6 June 1995	1979
Jimmy	D42H	1	21 July 1995	1932
May Fr.	1611	1	29 June 1995	1979
	-			
		33		

The following claims are owned by J.C Stephen and are presently being transferred to Longreach:

Tenderloin	1	4060	4	 June 1984
Tenderloin	2	4061	2	 June 1984
Tenderloin	3	4062	2	 June 1984
Tenderloin	4	4063	1	 June 1984
Whitebear		1709	1	 Aug 1979
			10	

TOPOGRAPHY

Elevations vary from about 850 m above sea-level to about 1450m above sea-level: Topography is rolling but with incised streams, and is forested with jackpine and locally heavy cedar.

PREVIOUS HISTORY AND EXPLORATION

There has been much previous work dating back to the early part of the century, on investigations of the gold and platinum showings with some mining of gold. The platinum showings were frequently sampled but were never adequately surveyed or evaluated in the opinion of several of the previous workers in the area. The present author has not visited the area. The following excellent outline of the previous history of the area and the development of exploration philosophy leading up to the present drilling is taken from J.J.McDougall (31 October, 1985) and is based on his extensive personal experience in the area:

"The platinum-bearing zone, a basic dyke (or sill?) some three miles or more in length, was initially mapped by Dr. Drysdale (1910) as part of a Ph.D. Thesis on Franklin Camp. Platinum was first discovered through copper-gold shipments to smelters (Trail and Grand Forks) by Mr. A. Fee and others. Up to 0.05 oz. Pt was noted by the smelters. A promotional tunnel was driven well below the occurrence but was distracted towards the Union's "Gold" instead of the platinum. During and following the First World War, the Federal Government investigated the area (O'Neill, 1918; Thomlinson, 1920) because platinum then (as today) was a strategic metal not available in sufficient quantities in Canada or the U.S. for any sustained war effort. Positive results were obtained in the Franklin Camp but not until further war threats were over and the emergency lessened.

"Dr. W.H. White (U.B.C. and Ex B.C.D.M.) and the writer examined the area in 1952 (White, 1952) while working on the Phoenix Mine reappraisal under Dr. A.H. Seraphim and Dr. D.F. Kidd, The West End Averill occurrences were sampled and Dr. White advised E.V. McDougall to restake the Maple Leaf area occurrences as he felt the platinum should be better studied. Τn 1964, Tom Lisle and R. Chilcott (Lisle, 1965), working for Spud Huestis, investigated the platinum occurrences on part of the Averill and Maple Leaf groups. Their descriptions and maps (....) are the best obtainable to date but fall short of an overall acceptable explanation of the occurrence of some of the platinum, and their West End assays do not all agree with those earlier received by the writer and Dr. W.H.

The Lisle program was based on platinum being White. directly associated with copper - the latter for which geochem was a reasonably useful guide in 1964. Although at the East End White and the writer (plus most other samplers) found platinum to be definitely associated with copper near the south contacts of the pyroxenite or related augite syenite, in the Averill area the reverse was true and we have never completely accepted the Lisle copper-association parameters as being representative of the whole area, at the same time realizing the tremendous lack of confidence in most assays for the platinum group - a plague that continues on to the present (i.e. interference by Fe and Mg). Lisle did outline some possible platinum-related magnetic highs on the Averill group which have never been investigated, however. These form the basis for the initially proposed drill program, as does his geological map of the Gloucester.

"Dr. Norman of Newmont (Norman, interest in the platinum while 1968) expressed regional "copper" work conducting south of Longreach-optioned ground in 1967 - 1968. However, despite obtaining an all-time (?) high assay of over 2 oz/ton Pt reported on the Maple Leaf, Newmont never controlled the platiniferous ground although some pyroxenite occurs on the more southerly "IXL" (Carson) optioned property.

"Limited drilling on the Maple Leaf was conducted by H.H. Huestis (Lisle, 1965), and the writer's resampling of core took place (McDougall, 1965) following this. E.V. McDougall interested Ensign Oils of Calgary into examining the Maple Leaf area prior to this, and a couple non-productive holes were drilled to test magnetic highs removed from the contact area. Claims in the Maple Leaf area were held through geochemical assessment work (Freisen, P., 1972) but anomalies were not seriously followed-up.

"Pearl Resources acquired the Maple Leaf prospect (then including the "Par", "Kingfisher", "Dodge" and "M & M" claims) from E.V. McDougall a few years ago as the fault-offset portion of the Union-Gold vein may occur on Maple Leaf ground, but the owners have never seriously considered the complexly-occurring platinum occurrences of prime interest.

"Numerous examinations have taken place since the Pearl acquisition, but a detailed geological examination of the platinum-suggested belt remains to be carried out.

"Platinum occurrences and assay results are minimally documented as follows:

Shipments (1910) to Trail and 1. showing "up to 0.25 oz Grand Forks' smelters Pt. "truckloads" were present". Three involved and included copper-gold-silver ores from the Maple Leaf property (Thomlinson, 1920).

2. Sampling by Munitions and Supply (Thomlinson, 1920). Records show "0.25 oz/t in 2 smelter shipments." Sampling of trenches showed "up to 0.17 oz/t present", apparently on Maple Leaf ground. (2a) Zones 4,000 feet northwest of

(2) returned "values to 0.09 oz Pt/ton."(2b) Sampling of the Averill Group

(West End) returned values to 0.09 oz/ton, (White, 1952) and on the Buffalo Group near the Averill, to 0.19 oz/ton. (of interest here is the oft stated but never implemented statement, totally in sympathy with the writers thesis, that "Careful and systematic investigation of the pyroxenite is necessay" to show where any possible economic segregations of the platinum minerals occur.)

(0-)

(2c) Sampling by the G.S.C. (O'Neil, 1918) reported platinum on the Lucky Jack claim, now covered by the DAJG claims.

3. Sampling of the Maple Leaf area in 1952 led Dr.W.H.White (1952) to conclude with the statement that "This property appears to offer interesting possibilities for a moderate amount of exploration. No factors are visible which might limit the copper ore to the area now exposed" (This would include platinum in this particular area-JJM).

4.On the Averill Group, White refers to the "Platinum Blonde" on which copper occurs - a name legitimately adapted by Longreach. On the Averill Group, slightly cupriferous southernmost

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contact areas sampled by White (accompanied by the writer) assayed 0.01, 0.02 and 0.04 or Pt per ton. It was noted at the time that no sampling appeared to have been done along continuations of the platinum-bearing zone to the northwest. It was suggested that "the area be plane-table mapped" and "possible diamond-drilling take place". This recommendation was never followed through on although the only other subsequent Averill area worker, Franklin Mines (Heustis), did do some soil geochemistry, outlined magnetic anomalies still worthy of testing (....), and sampled two copper-bearing adits in detail.

5. Drilling by Huestis. Sampling of 1 foot core (high copper) by the writer returned 0.25 oz Pt/ton (Maple Leaf).

6. Franklin Mines reported that its best assays of Maple Leaf material returned 14 feet of 0.259 oz., 15 feet of 0.102 oz., and 10 feet of 0.051 oz. Pt/ton (Corresponding copper was 1.36%, 0.7%, and 0.8%). No attempt has been made to confirm the better of these assays.

7.Assays by Newmont (1967) of Maple Leaf material are reported to include a property high of over 2 oz per ton (pers. comm., Dr.W.Norman)..... 8. Palladium, unlike at many localities in B.C. and the U.S., is not prevalent in the Franklin Camp; however, small amounts may be included in some early Pt assays."

PREVIOUS WORK

Over a period of several months in 1985 and early 1986, Longreach Resources entered into agreements with different vendors to form the Platinum Blonde Project. The claims acquired cover known basic and ultramafic igneous rock occurrences that were known to be hosts to platinum mineralisation. In 1986 ground geophysical work (magnetometer surveys and VLF-EM electromagnetic surveys) and physical work (road building) were undertaken to open up and evaluate the is reported in the This work following orea. assessment reports:

Geophysical Report on DA-Group Mineral Claims (DAJG 1-5), by J.J.McDougall and Steve Presunka. 26 July 1986.

Report of Physical Work on the PT Claim, by J.J.McDougall. 7 August 1986

Report on Physical Work on the CAR Group of Mineral claims, by J.J.McDougall. 16 October 1986.

This work formed the basis for planning the drilling, which was undertaken under Longreach's supervision and initially sampled on an 'orientation' basis (recognisable mineralisation only) by Longreach personnel. The results of this initial sompling ore not included in this report. This initial sampling formed the basis for more detailed core-logging and sampling by geologists from Placer Development, the results of which form the basis for this report.

LOCAL GEOLOGY General:

(Taken from J.J.McDougall, ⁻31

October 1985).

"The platinum values of interest occur within or adjacent to a dyke (or possible sill) of pyroxenite ("the Black Lead") mapped as occurring at intervals along a 1 3/4 mile, generally E-W zone, then as a continuous mass for another mile (....). An extension of possibly a couple(?) miles should exist beyond the mapped area toward the contact with granitic It occurs within or near a 3-4000 foot wide body rock. of augite syenite to which it appears related and with which it has, through metamorphism, formed various "hybrid" rock types such as shonkinite. Andesitic volcanics occur at intervals along the contact area.

"The intrusive dyke or sill may be late Tertiary but younger than some of the older (hilltop) Tertiary volcanics it has tried to penetrate, or may in fact be much older- i.e.Triassic as suggested by similar rocks in the Fhoenix area as documented by Church, B.C.M.M., 1983.

"It has been suggested that the lead" was the result of magmatic pyroxenite "black segregation prior to its intrusion as a dyke, negating the possibilities of a locally enriched primary "bed" (band) similar to those in the Pt-rich portion of Bushveld or Stillwater. At Franklin, the platinum values present may have been emploced as a result of re-mobilization, or be the result of a secondary "plumbing system" along the contact. Although this latter process could result in sizable masses of interest, the Morensky(sic) Reef mechanics is far more exciting - i.e.a couple inches of "usually insignificant" Pt-rich sulphides near coarser grained "usually pyroxenite which can extend inconspiciously for miles. (70 miles+ in the case of Bushveld). It has not been shown that Pt.values in the "Black Lead" do not have a narrow but continuos strike length exposure for in excess of the limited areas sampled to datei.e. a sill-like rather than dyke-like feature may be present (the sill would allow for segregation more than a dyke). To date, most values of interest are present

near the southern contact areas but this may be due to better exposures than exist to the north. Folding and faulting may be part of the cause of irregular or undulating contacts between pyroxenite and symmite present on a local scale(....)."

PREVIOUS GEOPHYSICS

The drill targets are mainly based on geophysical anomalies determined from previous electro-magnetic and magnetic surveys. These surveys were carried out in 1985 by Steve Presunka and results are reported in an assessment report by J.J.McDougall and Steve Presunka (26 July 1986), and in various maps held at the Longreach offices. Presunka used an EM-16 unit (serial number 002) for the VLF-EM survey, and a Scintrex MF-1 Fluxgate Magnetometer adjusted to read 1000 gammas for background for the magnetic survey.

DIAMOND DRILLING

The present program of diamond drilling was planned to evaluate various magnetic and electromagnetic anomalous areas and areas of known copper (and therefor presumably platinum) mineralisation that had been located by surveys undertaken during 1985 and 1986 for Longreach The drilling Resources. was in the of manner 'exploratory' drilling to the evaluate geology and mineralisation of the platinum occurrences and to try to determine the lithological and other controls to mineralisation in order to mount a more comprehensive and coherent program of exploration and drilling next year.

DRILL TARGETS

(Two Figures in Back Pocket) DDH-1 and DDH-2: Gr:

DDH-1 and DDH-2: Grid LRG-1: Target:Zone vertically below the extension to a decline at the intersection of two VLF-EM conductors and the edge of a magnetic high. DDH-2 is at a steeper angle than DDH-1.

DDH-3 and DDH-4: Grid LRG-1: Target:Extension of a magnetic high and cross-cutting VLF-EM conductor. Holes angled towards adit.

DDH-5: Grid LRG-1: Target: Off-end extension of VLF-EM conductor.

DDH-6: Grid LRG-1: Target: VLF-EM conductor where it crosses an old adit.

DDH-7: Grid LRG-1: Torget: VLF-EM

conductor.

DDH-8: Grid LRG-1: Target: Same VLF-EM conductor as DDH-7.

DDH-9: Grid LRG-1: Target: VLF-EM conductor and old pit.

DDH-10:Grid LRG-1: Target: VLF-EM conductor in area where conductor bends.

DDH-11:Grid LRG-1: Target: Same VLF-EM conductor as DDH-9 and DDH-10, but also a magnetic high.

DDH-12:Grid LRG-1: Target: Adjacent to DDH-1 to intersect below the same extension of the decline, as well as the same VLF-EM conductor.

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DDH-13 and DDH-14 on some collar location:Grid LRG-1: Target DDH-13: Extension of zone below decline of holes 1,2 and 12 and VLF-EM conductor.Target DDH-14: To investigate edge of a magnetic high and VLF-EM conductor intersection.

DDH-15 and DDH-16, same collar location: Grid LRG-1: Target: Same VLF-EM conductor as holes 7 and 8.

DDH-30, DDH-31 and DDH-31A, same collar location: Grid LAG-2: Target: To test area of magnetic high, VLF-EM conductor in vicinity of adit and shaft.

DRILL-HOLE GEOLOGY

The drill-core was logged by J.Reeves under the supervision of R.Pinsent, both of Placer Development, using the GeoLog drill-core logging computer system (International Geosystems Corporation, Vancouver) The following description is taken from a memo by Dr.R.H.Pinsent under whose supervision the drill-core was logged.

"A brief review of the drill core shows that the intrusive system is complex and that there is considerable variation in lithology within the shonkinite - pyroxenite and augite syenite components The core indicates a progressive of the system. decrease in clinopyroxene leading from pyroxenite through shonkinite and augite syenite to syenite. The transition appears to be gradual although there are indications that syenite locally intrudes and ingests pyroxenite. The complex locally contains blocks of country-rock metabasalt and metaandesite.

"The intrusive rocks are medium to coarse grained and equigranular to porphyritic in texture. They show no sign of delicate compositional banding or the presence of cummulate related crystal textures. The sygnitic phases are locally strongly flow banded which suggests that parts of the complex underwent deformation while in a plastic state. Elsewhere, equigranular but otherwise comparable sygnites show signs of internal brecciation and more brittle deformation.

"The complex shows evidence of weak to strong alteration. Pyroxene is locally altered to amphibole and/or biotite and feldspar is locally converted to an assemblage which contains carbonate, clay, chlorite and/or epidote. The extent of alteration is in part proportional to deformation and ease of fluid access. The rocks are commonly veined with calcite and, where faulted, syenites are commonly weakly to strongly haematized.

"The data indicate that the Pt and Pd in the system is strongly associated with Cu and that elevated values commonly occur in or adjacent to zones of pyroxenite."

SAMPLING AND ANALYSES

A total of 69 core samples were taken by Longreach from the main visibly mineralised zones. These were sent to various laboratories in the Vancouver area for analysis, and the results are included in this report. This work was followed-up by Placer who undertook the main core-logging and sampling of the core (see Volume II this report). Placer collected a total of 664 core samples from all the Platinum Blonde drill-holes for analysis of several elements (including copper, platinum and palladium) by their laboratory in Vancouver. Placer also re-assayed the Longreach samples in order to maintain consistency of analytical procedures for all samples both within and adjacent to mineralised zones. Analytical results by Placer for both sets of samples are included in the drill-logs in Volume II of this report.

LIST OF LONGREACH ORIENTATION SURVEY CORE-SAMPLES

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Sample	a descriptio	ons by Lo	ongreach personnel.
8.0'	26501-E	DDH-12.	1/4 core sample. 6.0' to
сру.			White coarse syenite. 10%
	26502-E	DDH-7.	50.9′ to 52.8′. Syenite along vein zone.
	26503-E	DDH-7.	54.4′ to 58.0′ Haematite alteration,
minor sil	ica.		
	26511-E	DDH-15.	37.0' to 39.0'. Trace copper stain, minor
silica, h	aematite,		healed fractures.
	26512-E	DDH-15.	41.5' to 43.0'. Minor
silica,ha	ematite,hea	led frac	tures.
43.8′.	26513-E	DDH-15	. High grade? 43.5′ to
sulphides	& malachit	e.	Silica vein, polymetallic
	26514-E	DDH-15.	43.9′ to 45.0′.
Altered,w	eathered,ha	ematite	stained syenite and gouge.
	26515-E	DDH-15.	54.0′ TO 55.0′. As previous sample,no
gouge.			
	26516-E	DDH-15,	55.0' to 63.0'. As previously, but more
metallics			
	26517-E	DDH-15.	63.0′. Syenite. Veinlets and
haematite	fractures,		ankerite.
	26518-E	DDH-15.	88.5′ to 89.0′. Rotten syenite, vuggy,
silica ve	ins and hae	matite,	limonite.

DDH-15, 89.0' to 97.6'. 26519-E Syenite, dark mineral. DDH-15. 97.6' to 102.0'. 26520-E Brecciated syenite. DDH-15. 102.0' to 105.0'. 26521-E As before and silica. 26522-E DDH-15. 105.0' to 111.0'. Rotten syenite, minor silica. DDH-15. 111.0' to 118.0'. 26523-E Syenite. Silica, polymetallic sulphides. 26524-E DDH-15. 118.0' to 123.0'. Breccia, silica vein and pyrite. 26525-E DDH-15. 123.0' to 130.0'. Fine groined silicified syenite, dark metallics. 26526-E DDH-15. 133.8' to 134.5'. Silicified, fine metallics. 26527-E DDH-15. 138.2' to 139.7'. Silicified. 26528-E DDH-15, 144.0' to 146.5'. Fault, silica, pyrite. 26529-E DDH-15. 162.0' to 179.0'. Silicified pyroxenite, syenite breccia. 26575-E DDH-11. 11.0' to 12.7'. Syenite, minor silica and pyrite. DDH-11. 15.0' to 17.5'. 26576-E Syenite, minor dyke fragments, silica, calcite and pyrite. DDH-11. 20.8' to 24.4'. 26577-E Syenite, calcite, vein, minor silica and pyrite.

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DDH-11. 27.8' to 30.0'. 26578-E Augite syenite, increased pyrite. 26579-E DDH-11. 30.0' to 34.4'. Syenite, increased pyrite. 26580-E DDH-11. 59.1' to 61.9'. Altered syenite, increased silica and pyrite, DDH-11. 71.5' to 72.5'. . 26581-E Altered syenite, increased haematite, silica and pyrite. DDH-11. 99.4' to 103.3'. 26582-E Syenite, increased silica, alteration, haematite, pyrite. 26583-E DDH-11. 119.0' to 123.0'. Fine grained argillite, syenite alteration mud, course pyrite. DDH-11. 164.1' to 165.5'. 26584-E Healed syenite. 26585-E DDH-11. 193.0' to 197.3'. Pyrite and odd zoned feldspar. DDH-11. 135.0' to 136.8'. 26586-E Haematite alteration, healed at 136'. DDH-11. 172.0' to 174.0'. 26587-E Silica and haematite alteration zone healed. 26588-E DDH-11, 263.0' to 265.0'. Silicification zone, feldspar, pyrite and haematite, and layered dark mineral. 26590-E DDH-13. 5.0' to 9.5'. Dark syenite, pyroxenite and minor chalcopyrite.

26591-E DDH-13. 9.5' to 24.0'. Siliceous tuff, 'some brecciated pyrite, calcite and trace chalcopyrite. . 26592-E DDH-13, 87.0' to 91.0'. Gray tuff, with pyrite and haematite. 26593-E DDH-14. 0.0' to 9.5'. Pyroxene shonkinite, contact breccia, minor chalcopyrite, iron stain. .2 26594-E DDH-14. 9.5' to 22.0'. Serpentine, silica, pyrite. DDH-14. 22.0' to 32.0'. 26595-E Fine grained siliceous tuff, 5% pyrite. DDH-14. 32.0' to 42.0'. 26596-E 26597-E DDH-14. 45.5' to 49.2'. Very siliceous tuff, fine pyrite. DDH-14, 56.0' to 59.5'. 26598-E Haematite and feldspar healed zone, minor pyrite. 26599-E DDH-14. 185.5' to 196.0'. Altered shonkinite. High magnetic differential. 26627-E DDH-3. 16.0' to 17.2'. Basic minor sulphides. 26628-E DDH-3. 109.0' to 112.0'. Basics and polymetallic sulphides. DDH-3. 37.0' to 42.0'. 26629-E . Coarse basic rock and minor copper mineralisation. · . . DDH-3. 42.0' to 47.0'. 26630-E Coarse basic rock and minor copper mineralisation.

. 2663	1-E	DDH-4.	155.0' to 161.0'. Breccia, sulphide layer.
2663	2-E I	DDH-4.	115.0′ to 120.0′. Iron stained volcanics.
2663	3-E (DDH-6.	240.0′ to 249.0′. Syenite.
2663	4-E · I	DDH-6.	206.0′ to 219.0′. Haematite.
2663	5-E I	DDH-8.	221.0′ to 291.0′. Gabbro, polymetallic
sulphides.			~
2663		DDH-8.	80.2' to 85.2'. Silica stockwork,
haematite sta	in.		
2663	7-E	DDH-7.	179.5' to 184.5'. Kaolin,stain, haematite
fracture.		•	
2663	8-E	DDH-7.	150.0′ to 155.0′. Silica breccia, haematite
stain.			
2663	9-E	DDH-7.	84.0' to 85.2'. Silicified, blue
metallics.			
2664	0-E	DDH-7.	58.0' to 60.0'. Syenite, silica vein,
sulphides.			• · ·
2664	1-E	DDH-7.	52.57 to 54.07. Syenite and polymetallic
sulphides.			
2664	2-E	DDH-9.	86.5′ to 92.3′. Syenitic, minor sulphides.
2664	3-E		243.3' to 243.9'. Quartz vein.
2664	5-E	DDH-9.	325.6' to 337.0'. Braided contact? minor
copper/iron s	ulphides	• , • ,	
2664	6-E	DDH-9.	337.0' to 347.0'. Fine mudstone segments,
minor iron, c	opper.		

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26647-E DDH-9. 347.0' to 354.0'. Serpentine recrystalline mudstone, minor copper/iron sulphides. 26648-E DDH-10. 10.3'. Quartz vein, polymetallic sulphides. 26649-E DDH-10. 28.0' to 31.0'. Veinlets of silica and sulphides. 26650-E DDH-10. 37.0' to 40.0'. Up to 1" wide veins of

26650-E DDH-TU. 37.0 to 40.0 . Up to 1" wide veins of polymetallic sulphides.

CONCLUSIONS AND RECOMMENDATIONS

The amount of data obtained in this program is too large and too complex in nature to be able to draw conclusions at this stage, except to note that platinum and palladium mineralisation has been located in several locations, confirming previous surface sampling with sub-surface (drill-core) In addition the nobel metals are commonly sampling. associated with copper, though whether this is a still consistent correlation in all cases will have to be determined (note that McDougall is of the opinion that .it is not regionally consistent). The mineralogical and petrological association of the nobel metals does not appear to be consistent (highest values in syenite is unexpected) but a consistent pattern may become apparent on further examination of the results to date.

Regardless of the interpretation forthcoming, it appears most likely at this stage that the area needs further follow-up to determine, at least, the source and significance of the mineralisation located to date.

605 - 475 Howe St., Vancouver, B.C. V6C 2B3

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STATEMENT OF EXPENDITURES

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Travel and Accomodation \$8861,66 Time- A.Potter, 104 days @ \$175/d 18200.00 - Contract labour 8450.00 Consulting and Engineering 7026.37 Supplies 399.19 Diamond Drilling: (31 Holes) 128369.00 Analyses-Longreach 3480.00 Analyses-(Placer) 31000.00) Core-logging-(Placer)) Drill-Road bulldozing 61660.52 TOTAL for all Platinum Blonde Project \$267666.00 Pro-Rata for Franklin Group(3539' out of 6100')

\$155290.00 Report and Map Preparation(Tony Clark Consult) 737.61 Franklin Group Total \$156027.61

Date: 30 Marol 87

LONGREACH

LTD.

RESOURCES

Vancouver, BC

Per: Kalle dali

R.H.Lonsdale ⁻⁻ President

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CERTIFICATE

I, Anthony M. S. Clark, residing at 2988 Fleet St. in the Municipality of Coquitlam, Province of British Columbia, hereby certify that:

1. I received a Bachelor of Science degree in geology from the University of Cape Town, Cape Town, South Africa, in 1963, and a Doctor of Philosophy degree in geology from the Memorial University of Newfoundland, St.John's, Newfoundland in 1974.

2. I practised the profession of exploration geologist from 1963 to 1986, since when I have undertaken consulting in the field of computer applications to exploration.

3. I am a Fellow of the Geological Association of Canada and a Registered Professional Geologist in the Province of Alberta.

4. I am self-employed and undertake my profession under the name of TONY CLARK CONSULTING.

5. I hold no interest in the property, nor expect to receive any benefits from either the owners of the property under consideration, or any other companies or personnel that may be associated with the property.

6. This report describes the results of a drilling program undertaken by Longreach Resources on the Platinum Blonde Property, with core-logging and sampling of core undertaken by Placer Development. The author was retained to compile the report from information supplied by representatives of Longreach Resources and Placer Development. Neither the author nor any other representative of TONY CLARK CONSULTING has visited the property or seen any of the drill-core.

Date: 29 Naval 87

Coquitlam British Columbia

A.M.S.Clark,Ph.D.,FGAC

STATEMENT OF QUALIFICATIONS

I, Robert H. Pinsent of 2335 West 13th Avenue, Vancouver, British Columbia (V6K 2S5), do hereby certify that:

- I am a geologist employed by Placer Development Ltd., of 1500 - 1055 Dunsmuir Street, Vancouver, British Columbia (V7X 1P1).
- 2. I am a geology graduate of the following Universities:

Aberdeen University, B.Sc., Hon., (1968) University of Alberta, M.Sc. (1971) Durham University, PhD. (1975)

- 3. I have been engaged in the practice of geology since graduation in 1968.
- 4. I have supervised and carried out the fieldwork, and interpreted the data from the exploration programme on the Franklin Mining Camp holdings of Longreach Resources Ltd. (Lat 49° 34' N Long 118° 22' W) in the Greenwood Mining Division.
- 5. I have no financial interst in Longreach Resources Ltd or in the Franklin Property.

Respectfully submitted,

R.H. Kinpent

R.H. Pinsent

RHP/stm 12.24.86

PLACER U.S. INC.

REGIONAL OFFICE: N. 7322 DIVISION STREET . SPOKANE . WASHINGTON 99208 . (509) 489-2801

CERTIFICATE

I, James R. Reeves, of Spokane, Washington, do hereby certify that:

- 1. I am a geologist employed by Placer U. S., Inc., Suite 2500, One California Building, San Francisco, CA 94111, a whollyowned subsidiary of Placer Development Ltd. of Vancouver, British Columbia.
- 2. I am a graduate of Texas Tech University with a Bachelor of Science degree in Geology (1968) and a Master of Science degree in Geology (1970).
- I have practiced my profession since 1970 while employed by 3. Kennecott Copper Corporation, Alyeska Pipeline Company, and Placer U. S., Inc. I have been employed by Placer U. S., Inc. since May, 1974.
- 4. I am Registered Professional Geologist #417 in Idaho, in good standing.
- I have no interest, either direct or indirect, in Longreach 5. Resources or the properties known collectively as Platinum Blonde, nor do I expect to acquire such interest.

James R. Reeves

Project Geologist 13 February, 1987

Telecopier (415) 397-0747

A subsidiary of Placer Development Limited

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Telex 33-0488

ONE CALIFORNIA STREET

SUITE 2500 SAN FRANCISCO

CALIFORNIA 94111-5472 ٠

CERTIFICATES OF ANALYSIS

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FOR

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DRILL-CORE SAMPLES COLLECTED BY LONGREACH

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CME ANALYTICAL LABORATORIES LTD. 552 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011 DATE RECEIVED: SEPT 30 1986

DATE REPORT MAILED:

Oct 7/86

GEOCHEMICAL ICP ANALYSIS

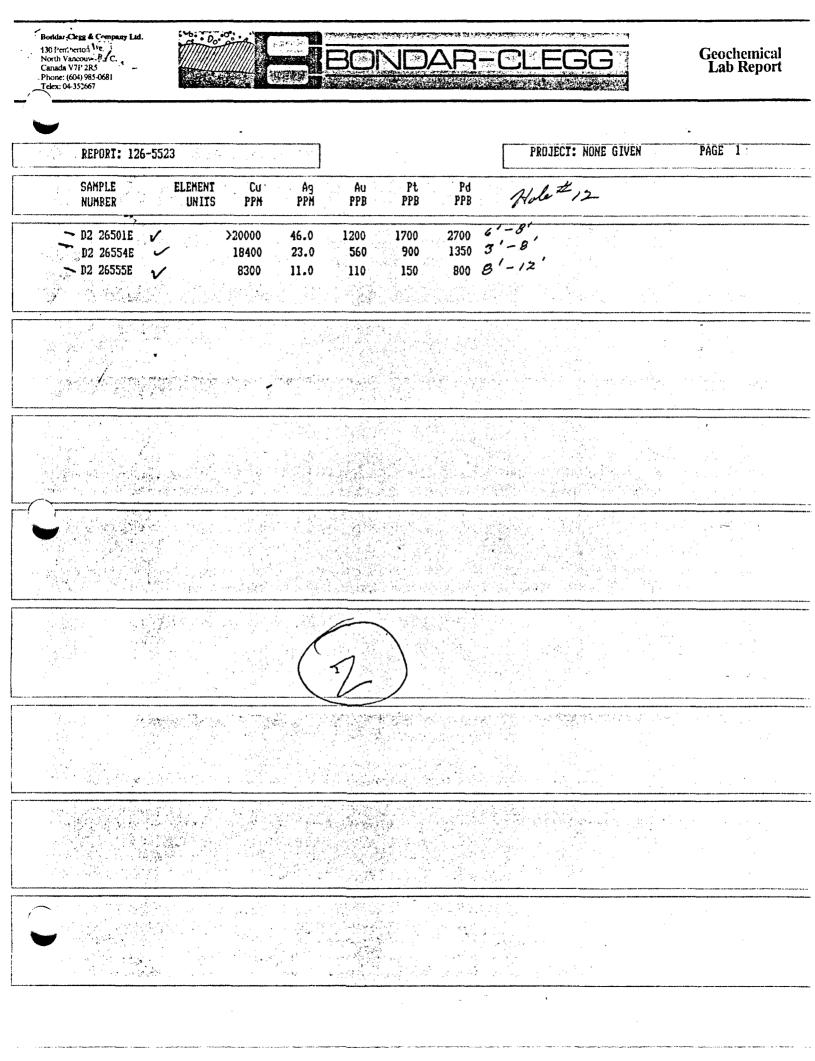
.500 GRAM SAMPLE IS DIGESTED WITH 3NL 3-1-2 HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPN. AU\$\$ PT\$\$ BY FA-MS SAMPLE TYPE: CORE?

> > LONGREACH RESOURCES

JRCES FILE # 86-2957

PAGE 1

SAMPLE#	Cu PPM	Ag FFM	Au** FFB	Pt** PPB
20127B	588	1.2	-	2
20128B	601	1.3	-	2
20129B	764	1.0		2
20130B	607	1.4		2
201318	1598	1.7		2
20132B	40	.3		2
20133B	246	.8	2400	2
20134B	2386	2.1	-	42
26627E	84	. 1	37	2
26628E	1600	2.4	· 29	11
26629E	688	.3	24	5
26630E	391	. 4	21	5
26631E	431	.3	8	4
26632E	705	.9	5	2
26633E	90	. 4	10	2
26634E	272	.2	16	3
26639E	69	. 1	17	2
26642E	231	.8	8	4
26643E	103	.6	11	2
26644E	84	.3	8	3
26645E	928	.5	77	9
STD C/FA-5X	59	7.1	103	97



Bondar-Clegg & Company Ltd. 130 Pemberton /		BON		and the second secon	Certificate of Analysis
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REPORT: 626-55	23]		PROJECT: NONE GIVEN	PAGE 1
Sample Number	ELEMENT Cu UNITS PCT			······································	
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Registered Assayer, Province of British Columb

Boi.dar-Clegg & Company Ltd. وردمه D, 23.84 130 Pemberton Ave. Geochemical North Vancouver, B.C. Canada V7P 2R5 6 Lab Report He PAN Phone: (604) 985-0681 Telex: 04-352667 REPORT 126-5547 PROJECT: PLATINUM BLONDE PAGE 1 SAMPLE ELEMENT Cu Ag Pt Pd Au NUMBER UNITS PPM PPH PPB PPB PPB R2 26504 τ 4 (0.2 <5 (50 <5 R2 26505 -165 1.4 <50 5 30 R2 26506 - 11 (0.2 <5 <50 75 Spri R2 26574 -1700 1.3 140 150 140 used # 77-R2 26618 4500 8.7 15 <50 15 User - R2 26658 220 16.0 2100 <50 <5 ÷. D2 26502 D.C 101 7 185 0.4 40 <50 <5 152 <0.2 15 <50 15 D2 26561 400 - 400 ×0.2 >>> 25 <50 10 5. S. S. . . t ore pf e assays ne. Nee $2 + \frac{1}{2} + \frac{1}{2}$ 2 ter segratis · · A second second an an the grade and the second se Second 5 and the second 19.50 A.S. 1 and the second state of the

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130 Pemberton Ave. North Vancouver, B.C. Canada V7P 2R5 Phone: (604) 985-0681 Telez: 04-352667

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	SAMPLE NUKBER		ELEMENT UNITS	Cu PPH	A3 PPN	Au PPB	Pt PPB	Pd PPB		
	D2 26507E D2 26508E D2 26509E D2 26510E D2 26511E	~~/		950 311 41 3860 585	1.7 0.3 >50.0 >50.0 7.5	130 35 380 100 20	50 50 <50 <50 <50	20 15 <5 <5 5		
	D2 26512E D2 26513E D2 26514E D2 26514E D2 26515E D2 26516E	ן גר		311 12020 361 204 169	3.3 39.0 2.0 0.9 0.6	10 320 320 5 25	20 <50 <50 <50 <50 50	(5 10 10 (5 5		
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Bondar-Cirgg & Company Ltd. 130 Pemberton Ave. North Vancouver, B.C. Canada V7P 285 Phone: (604) 985-0681 Telex: 04-352667

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212 Brooksbank Ave. North Vancouver, B.C. V7J 2C1 Canada Phone: (604) 984-0221 Telex: 043-52597



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CERTIFICATE OF ANALYSIS ** CERT. #

210 - 744 W. HASTINGS ST. VANCOUVER, B.C. V6C 1A5

: A8620004-001-INVOICE # : 18620004 : 10-NGV-86 DATE P.C. # : NONE PLATINUM BLONDE

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ATTN: DICK LONSDALE

TO : LONG REACH RESOURCES LTD.,

Sample	Prep	Cu	Ag ppm	Au ppb	Pt	Pd	
description	code	ppm	Aqua R	FA+AA	ppb	ppb	
26525	205	89	0.5	< 5	<50	<10	
26529	205	192	1.0	40	<50	<10 -	
26532	205	367	1.1	10	<50	<10	
26534	205	3800	11.0	205	< 50	<10	
26536	205 -	40	1.6	170	< 50	<10	
26538	205	460	1.1	80	<50	<10	
26542	205	20C	0.9	<5	<50	<10	
26543	205	330	1.0	9850	<50	<10	
26544	205	18	0.1	390	<50	<10	

NOV. 1 2 1986

Hart Buchle

Certified by

VOI rev. 4/

Bondar-Clegg & Company Ltd. 130 Pemberton Ave. North Vancouyer, B.C. Canada V7P 2R5 Phone: (604) 985-0681 Telex: 04-352667

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Geochemical Lab Report

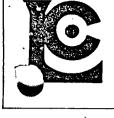
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REPORT: 126-5719 PROJECT: NONE GIVEN PAGE 1 SAMPLE ELEHENT Cu A9 Pt Au Pd NUMBER UNITS PPM PPH PPB PPB PPB D2 26526~ 44 1.0 85 <50 10 D2 26527 🗸 350 75 1.5 <50 10 °D2 26528√ 30 0.5 80 <50 10 D2 26530 I-repeated 210 2.0 <50 10 160 D2 26531 V 86 0.2 40 <50 10 D2 26533 J 194 0.6 85 <50 5 D2 26535 J 1700 1.7 20 <50 5 🛛 D2 26537 🗸 38 3.2 380 <50 5 D2 26539 🗸 30 45 <50 0.6 5 D2 26540 🗸 42 3.1 190 50 10 D2 26541 3600 8.0 50 50 (5 D2 26545 410 (0.2 5 <50 <5 D2 26546 360 1.5 <5 <50 15 D2 26547 50 <0.2 40 50 30 1.44 D2 26548 430 5.6 15 5 <50 D2 26549 7400 9.0 520 <50 95 . m. . 8.44 Î Q. 1.7 24 Q and a start of the second . الدور و ⁽ م ملاحظ الم ر المحالي - G 1.1.1 21 ۰. - 445 and the second second second 10 3. " . Sinda 1.805 . 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 - 1917 -and the

Chemex Labs Ltd.

212Brooksbank Ave.North Vancouver, B.C.CanadaV7J 2C1Phone:(604) 984-0221Telex:043-52597



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TO : LONG REACH RESOURCES LTD.,

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CERT. #	:	A8619575-001-A
INVOICE #	:	18619575
DATE	:	31-OCT-86
P•C• #	:	NONE
PLATINUM B	SL C	INDE

Sample	Prep	Cu	Ag ppm	Au ppb	Pt	Pd	*****
description	code	ppm	Aqua R	FA+AA	ppb	ppb	
26551 🗸	205	79	0.4	< 5	<50	<5	
26552 🗸	205	13	0.1	40	<50	<5	
26557-V	- 205	3300	6.4	25	<50	30 🧳	
26559 🖌	205	510	0.6	< 5	<50	10	
√26566 √	205 -	82	0.1	<5	<50	< 5	
~2656 7 v	205	40	0.1	< 5	<50	<5	
√ 6568 ∨	205	144	0.1	< 5	<50	< 5	
26569 v	205	14	0.1	<5	<50	<5	
26570 V	205	30	0.1	25	<50	<5	
26571 /	205	90	0.1	<5	<50	<5	
26572) 205	27	0.1	<5	×50	<5	
265730 (010)	205	2850	2.4	(710)	° <50	95	
26648 1 (14)	205	2850	2.5	90	<50	<5	
26650	205	340	2.3	15	<50	<5	

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Certified by HartBichler

P.O. Box 430, 185 Concession St., Lakefield, Ontario, Can. K0L 2H0 Phone: (705) 652-3341 Telex No. 06 962842

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ISION OF FALCONBRIDGE LIMITED

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NOV. 1 O ISE?

CERTIFICATE OF ANALYSIS

FROM:	Longreach Res	ources Limited	1,		Date:	Nov. 3, 1986
	210 - 744 Wes		• •		Received:	Oct. 17, 1986
	Vancouver, B. V6C 1A5			0	ur Reference No.:	8626008
		•			ur Reference No.:	
Samples su	ubmitted to us show re	sults as follows:			Invoice No.:	22962
	Sample No.	Au, g/t	Ag, g/t	Pt, g/t	Pd, g/t	% Cu
	26553	0.01	<1.0	0.07	0.03	-
	26556	0.04	3.71	0.05	0.44	0.21
	2 6558	0.05	<1.0	<0.02	0.05	-
	26560	0.04	1.20	0.02	0.05	- .
	26562	0.04	<1.0	0.04	0.06	0.052
· •	26563	0.12	<1.0	0.05	0.03	0.052
	26 564	0.12	1.42	0.08	0.06	0.18
	26 565	0.11	1.15	<0.02	· 0.08	-
	2 6649	0.05	<1.0	0.06	0.02	-

Longreach Resources (2)

SIGNED.

MANAGER

R.S. Salter

OTE: Rejects will be discarded after 6 months.

To: -

Bondar-Clefg & Company Ltd. 130 Pemberton Ave. North Vancouver, B.C. Canada V7P 2R5 Phone: (604) 985-0681 Telex: 04-352667

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Geochemical Lab Report

	REPORT: 126-5649		L	PROJECT: NONE GIVEN	PAGE 2
· · · · · · · · · · · · · · · · · · ·	SAMPLE ELEMENT CU NUMBER UNITS PPM				
	D2 26597E 655 D2 26598E 155 D2 26599E 224 D2 26600E 3480	0.2 65 <50 <0.2 10 <50) 5 5) 2 5 5		
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852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM. AUST PT8: PT8: PT8: BY FA+AA. SAMPLE TYPE: ROCK CHIPS

DATE RECEIVED: SEPT 23 1986 DATE REPORT MAILED: Oct / //

ASSAYER A Left DEAN TOYE. CERTIFIED B.C. ASSAYER.

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PAGE 1

LONGREACH	RES	OURCES	FILE	# 86-	-2824
SAMPLE#	Aġ	Au**			Rh**
-			E. E. E.		

P.O. Box 430, 185 Concession St., Lakefield, Ontario, Can. K0L 2H0 Phone: (705) 652-3341 Telex No. 06 962842

KF: DIVISION OF FALCONBRIDGE LIMITED

CERTIFICATE OF ANALYSIS

Oct. 20, 1986 Date: FROM: Longreach Resources Limited, 210 - 744 West Hastings St., Oct. 9, 1986 Received: _ Vancouver, B.C. 8626882 Our Reference No.: __ V6C 1A5 Your Reference No.: _ 22930 Invoice No.: __

Samples submitted to us show results as follows:

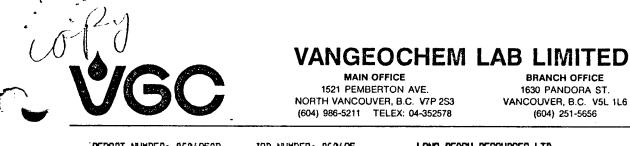
-				
Sample No.	Au, g/t	Ag, g/t	% Cu	
	7			
- 22635	0.02	<1.0	0.054	
_ 26636	0.03	<1.0	0.004	
<u>~</u> 26638	0.24	<1.0	<0.002	
- 26640	<0.02	<1.0	0.040	
-26647 V	<0.02	['] <1.0	0,050	

K.W.S. Longreach Resources (2) SIGNED. To: -MANAGER

K.W. Sarbutt, Chief Project Engineer

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NOTE: Rejects will be discarded after 6 months.

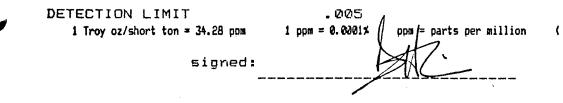


BRANCH OFFICE 1630 PANDORA ST. VANCOUVER, B.C. V5L 1L6 (604) 251-5656

REPURT NUMBER: 860495AB	JUB NUMBER: 860495	LONG REACH RESOURCES LTD.	PAGE 1 OF 1
SAMPLE #	Au oz/st		set 1-86
26637 E			
26641 E	. 831		
26646 E			

24	590	λA	F

26906 E 26907 E

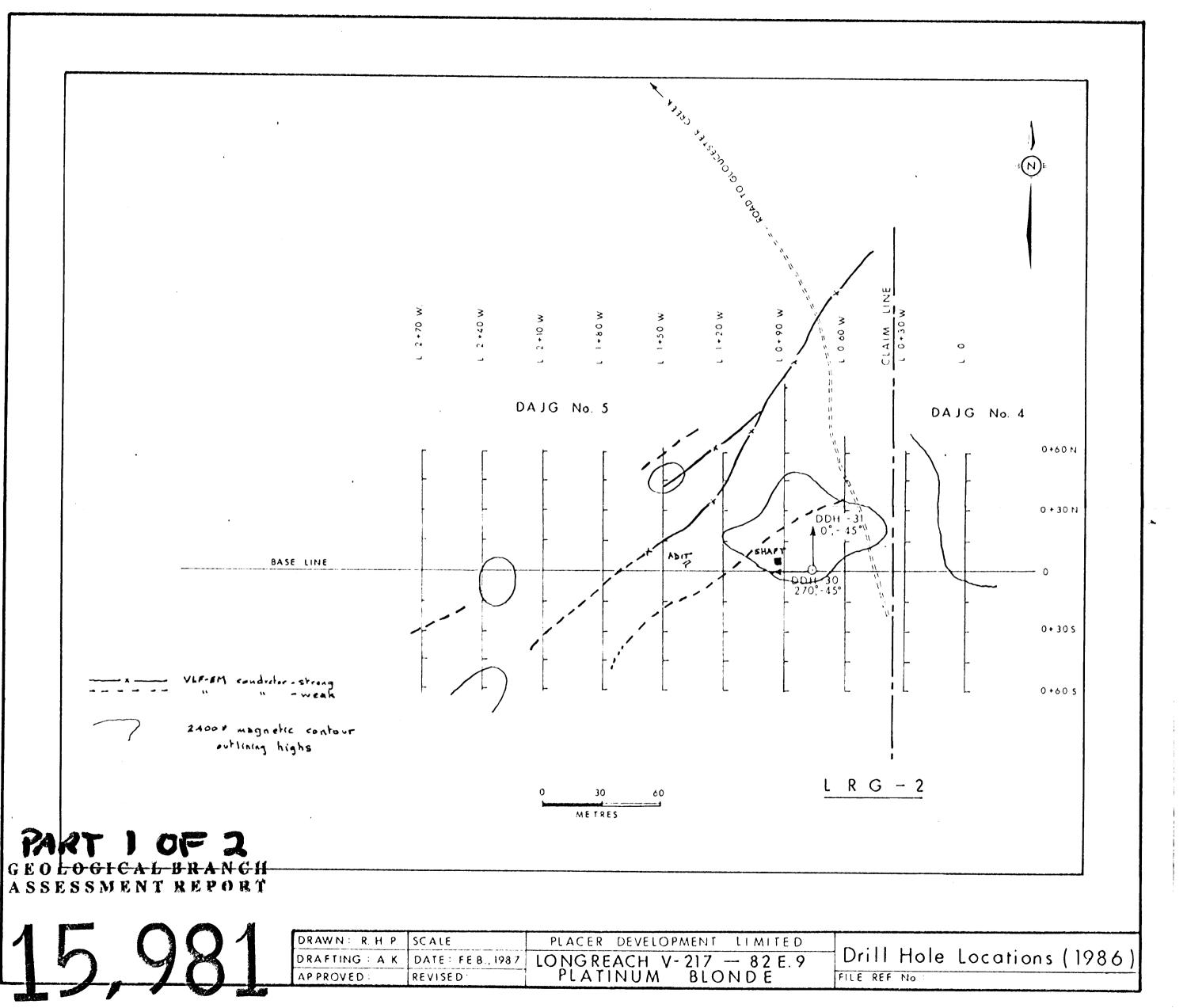


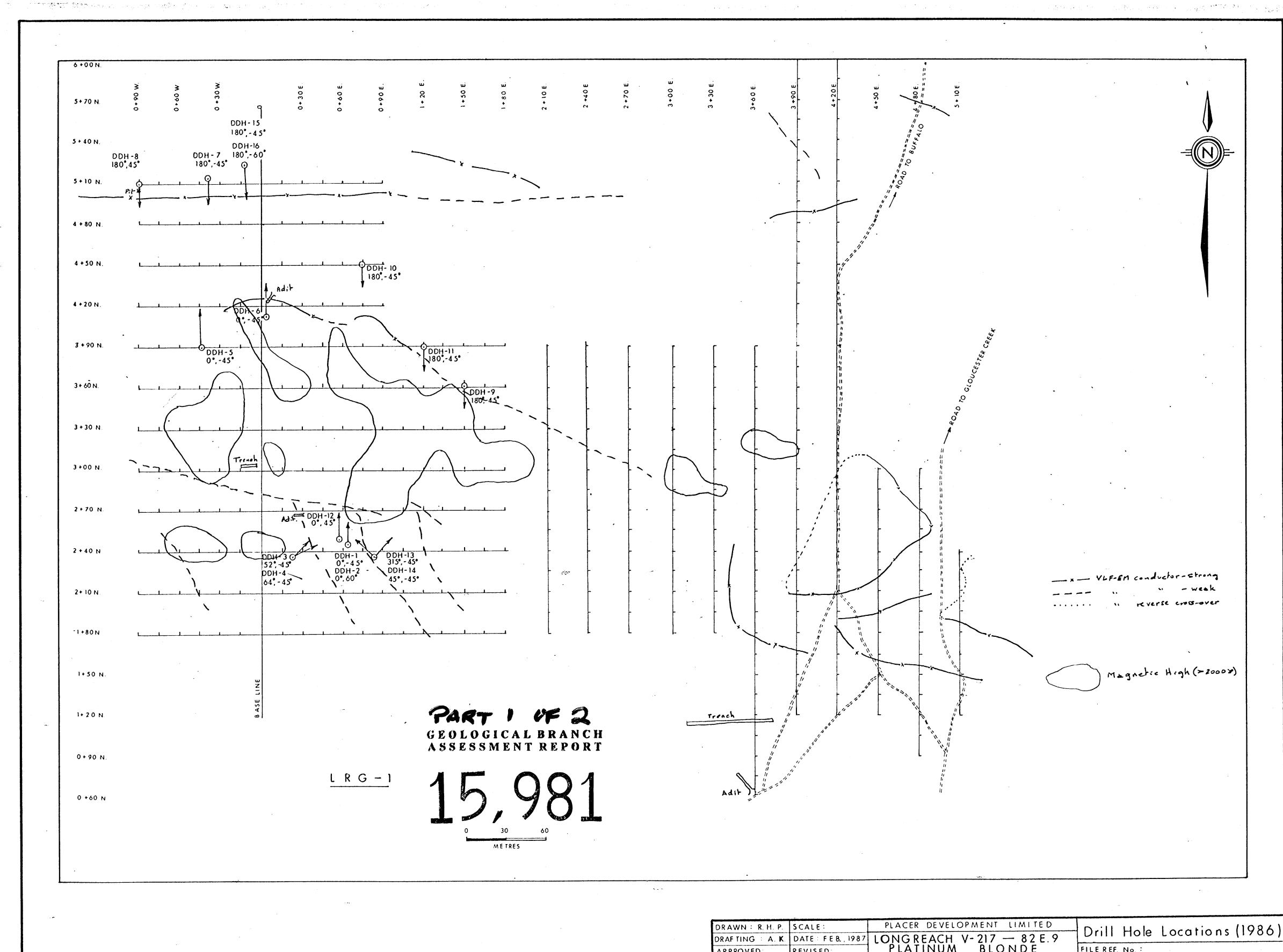
(= less than

Conway, VANGEOCHEM LAB LIMI TED MAIN OFFICE BRANCH OFFICE 1521 PEMBERTON AVE. 1630 PANDORA ST. NORTH VANCOUVER, B.C. V7P 2S3 VANCOUVER, B.C. V5L 1L6 (604) 986-5211 TELEX: 04-352578 (604) 251-5656 REPORT NUMBER: 860495GA JDB NUMBER: 868495 LONG REACH RESOURCES PAGE 1 OF 1 SAMPLE # Cu Pt Au daa 008 **pp≡** ∽ 26637 E 28 ~ nd nd -86.FT. 26641 E 1968 22500 SHAPLE LEAT 4 FIV 14.00 v nd 26646 E 730 nd nd 26906 E 1440 nd nd 26907 E 243 nd nd AVERILL SHAFT (C) 26988 E 3230 nd 300

Γ 26 908

DETECTION LIMIT nd = none detected 1 1 --- = not analysed 5 is ≠ insufficient samole





		<i></i>		
Í	DRAWN : R.H. P.	SCALE:	PLACER DEVELOPMENT LIMITED	Drill Hole Locations (1986)
	DRAFTING : A. K.	DATE : FEB., 1987	LONGREACH V-217 - 82 E.9	Drift Hole Locations (1900)
		REVISED		FILE REF. No.

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