2nd January 1970.

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5790

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 6 1969/70

NAIL EXTENDED A to P 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 10th December 1969, the following work was done:

Photo-mapping along the Mount Samuel - Skipper line continued at a scale of 1"=1000'.

Gridding over two prospects in the area commenced and 14,000 line feet was completed.

Plane table mapping of prospects at a scale of 1"=40' is in progress.

A substantial programme of auger drilling is planned for this area early in the New Year. The Mines Branch has been approached on the matter of hiring at least one rig and crew.

A large programme of contract surveying for the area is being considered.

Expenditure for Period 6  $531.00
Expenditure for year to date  $4228.00

Yours faithfully,
AUSTRALIAN DEVELOPMENT NO LIABILITY
Exploration Managers for NOBELEX N.L.

L. F. ROACH,
General Manager.
3rd February 1970.

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5/90

Dear Sir,

NOBBLEX N.L. EXPLORATION REPORT - PERIOD 7 1969/70
NAIL EXTENDED A to P 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 7th January 1970, the following work was done:-

Photo-mapping at 1"=1000' scale continued, with an area of half a square mile being completed for the period. The area is structurally very complex. Prospective areas will almost certainly have to be mapped on a larger scale and in more detail.

Gridding continued at 200' line spacing over the XI and XII anomalies. The XII anomaly is completed and ready for ground magnetometry. A total of 64,500 line feet of gridding was completed for the period.

Preparations are in hand for the proposed major survey contract of a 10 mile baseline and gridding due to start 12/1/70. At least eight anomalous areas will be gridded.

Expenditure for Period 7 $3,471.00
Expenditure for year to date $7,699.00

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY
Exploration Managers for NOBBLEX N.L.

L.F. Roach
General Manager.
6th March 1970

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5799

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 8.1.69/70

NAIL EXTENDED A to P 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 4th February 1970, the following work was done:-

Photomapping at 1"=1000' scale continued, with an area of five square miles being completed for the period. The Mt. Samuel - Skipper line of outcrop, the only major outcrop in the entire Authority to Prospect was completed.

Mapping of outcrop in the anomaly "T" area has revealed a 45' wide hematite shale (SIF) sequence bearing approximately 285° T along a strike length of 2500'. The outcrop is invaded by quartz veins and brecciation is common within the sericitised mudstones and sandstones to the north.

Samples have been taken from the hematite shale and breccia zones and results are awaited.

To date, the major fault directions appear to be 330° T and 290° T, and there are at least two periods of folding.

The southern baseline has been cleared to its western extremity and will be completed when the licensed surveyor returns from Darwin. Gridding crews have completed approximately 156,500 line feet for the period, at 400' and 200' line spacing.
A total of 60,500 line feet of gridding at 200' line spacing over the XI and XII anomalies off the northern baseline was completed by the A.E.S. contract crew. Ground magnetometry in the XI-XII area has commenced.

Reconnaissance magnetometry was carried out around the Explorer 28 lease west of the Skipper, and it was found that the anomaly did not extend into our ground appreciably.

Expenditure for Period 8 $1,750.00
Expenditure for year to date $9,449.00

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBELEX N.L.

L. F. Roach
General Manager.
2nd April, 1970.

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN, N.T. 5790.

Dear Sir,

NOBBEX N.L. EXPLORATION REPORT - PERIOD 9 1969/70
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 4th March 1970, the following work was done:-

The Authority to Prospect is now completely mapped at a scale of 1"=1000' (detailed).

Gridding of the required areas by Contractors is now nearing completion, a total of 727,000 line feet having been completed to date.

No ground magnetometry was carried out during the period because of breakdown of the Sander magnetometer.
4,600' of auger drilling was completed for the period in the N6-N7 anomaly area. All bedrock samples have been logged and submitted for assay. A W.N.W.-E.S.E. trending Bi anomaly occurs just south of the N6-N7 anomalies. Cuttings have also been run for magnetic susceptibility as requested by Mr. Webb. A small Cu anomaly coincides with the western end of the Bi anomaly. The Bi anomaly occurs mainly over an outcrop area, but no reason for the anomaly can be ascertained at this stage.

Expenditure for Period 9 $815.00
Expenditure for year to date $10,264.00

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBELEX N.L.,

L. F. ROACH
General Manager.
20th April, 1970.

The Director,
Mineral & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5790

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 10 1969/70
NAIL EXTENDED A. TO F. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 1st April, 1970, the following work was done:

**Mapping** - The N6-N7 area is being mapped on a scale of 1"=200' using blow-ups of the recent aerial photography.

**Auger Programme** - 4,114 feet has been drilled for the period, bringing the programme to completion. Quite a deal of trouble has been encountered in reaching bedrock due to a hard siliceous layer which appears to be widespread in the area. Granite occurs in the N23-24 and N25-28 areas; but the relationship to the anomalies is not yet known.
Magnetometry: 158,000 line feet has been completed for the period. The 200' magnetics over the N7 anomaly have been received from Webb and this reveals a certain degree of coincidence between the geochem. and magnetic anomalies. Additional samples are being collected from the Bi anomaly area to enable more accurate delineation of the anomaly. The rods in the area are altered and brecciated.

Expenditure for Period 10  $18,180
Expenditure for year to date  $28,444

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBELEX N.L.,

L. F. ROACH,
General Manager.
27th May, 1970

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5790

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 11 1969/70

NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 29th April 1970, the following work was done:-

Little additional work was done on the area while the geologist in charge was on leave.

Expenditure for period 11 $1,949
Expenditure for year to date $30,393

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBELEX N.L.

L.F. ROACH
General Manager.
6th July, 1970

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5790

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 12 1969/70

NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 27th May 1970, the following work was done:—

Photomapping of N6-N7 area at 1"=200' is nearly complete. The N7 anomaly lies in an argillaceous sequence of sediments and is related to the "Hematite Shale". To the west of the anomaly are known outcropping ironstone bodies with smaller associated magnetic anomalies having a similar geological environment.

Bi and Cu geochemical anomaly in the N7 area is probably caused by the numerous small faults and veinlets which are mainly quartz hematite filled.

Expenditure for Period 12 $470
Expenditure for year to date $30,863

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY;
Exploration Managers for NOBELEX N.L.,

L. F. ROACH,
General Manager.
31st July, 1970

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5790

Dear Sir,

NCOBELEX N.L. EXPLORATION REPORT - PERIOD 13 1969/70

NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 24th June 1970, the following work was done:

Photo-mapping of the N6-N7 area on a scale of 1"=200' completed. The area is difficult to sort out structurally and a report has been forwarded to Austral Exploration Services to assist them in their interpretation of the anomalies. To help clarify the structure, a 1,000 ft. cstean was dug north-south on line 60200E and is awaiting mapping. A cursory inspection revealed that the sediments are flatly plunging to the west suggestive of a broad anticline. Hematite shale was also exposed in the cstean as well as the two coarse grained greywacke beds used as "marker" beds in mapping the area.

Interpretation of the ground magnetics in the N33 area has been received and revealed two targets which rate higher than 70% of the "Confidence Level" Scale. This area
has almost been completely mapped on a scale of 1"=200', and it is interesting to note that geological interpretation of the cause of the anomaly is quite consistent with Austral's interpretation. The writer is still of the opinion that the anomaly is caused by the downward extension to below the water table of the "Banded Iron" and cross sections showing the calculated "targets" in relation to the projected Banded Iron Horizon appear to verify this theory. A recommendation is therefore made to lower this anomaly on the list of priorities for drilling targets but drill holes will be proposed in the near future. When the geology is finalized, a report will be forwarded to Austral as requested.

A total of 87,800 line feet of ground magnetometry was completed for the period, completely covering the N14 Anomaly. This anomaly is small and irregular and hence is low on the priority list to date.

The Annual Report to the Mines Branch on the Authority to Prospect has been completed and an application for renewal has been forwarded as well.

Expenditure for Period 13 $9,786
Expenditure for year to date $40,649

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBELEX N.L.,

L. F. ROACH
L.F. ROACH,
General Manager.
The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5790

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 1 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 22nd July 1970, the following work was done:-

A total of 293,000 line feet of ground magnetometry completed for the period over a large area of the Authority to Prospect.

N33 - Austral Exploration Services' interpretation received. A geological report on this prospect was forwarded to A.B.S. Drilling proposal commenced.

N7 - Geological mapping of the N7 costean at a scale of 1" = 40' is progressing. Additional surface geological mapping at a scale of 1" = 200' is also nearing completion. More detailed geochemical investigation of the area is planned.

N35 - Reconnaissance auger drilling is planned over this anomaly.

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 1</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground magnetometry (line feet)</td>
<td>293,000</td>
<td>293,000</td>
</tr>
</tbody>
</table>

Application for renewal was made in July.

Expenditure for Period 1.                      $337
Expenditure for year to date.                  $337
Expenditure on A. to P. to date.               $40,986

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBELEX N.L.,

L. F. ROACH
General Manager.
11th September, 1970.

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5790

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 2 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 19th August 1970, the following work was done:-

N33 - Preparations for drilling DDH 367 on the N33 prospect are in progress. Considerable delay has been caused through the lack of suitable access roads. This factor will be a major problem in this area.

N7 - The N7 costean has been mapped on a scale of 1"=40' and chip sampled at 5 ft. intervals. Assays revealed a weak Au anomaly over part of the Hematite Shale horizon and a fairly strong Cu anomaly over the coarse sandstone section at the southern end of the costean.

Check sampling over selected parts of the N7 Cu and Bi anomalies revealed discrepancies in the original values. Some doubt is therefore cast on the authenticity of the original anomalies and re-sampling of the entire area will be carried out as soon as practicable.

...2...
Interpretation by A.E.S. almost complete.

N 35 - No progress.

Footage Summary - Period 2 Year to Date
Ground magnetometry Nil 293,000

Renewal for a further period of twelve months to 22.9.71 was granted.

Expenditure for Period 2. $2,003
Expenditure for year to date $2,340
Expenditure on A. to P. to date $42,989

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBELEX N.L.

L.F. ROACH, General Manager.
2nd October, 1970.

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5790

Dear Sir,

NOBLEX N.L. EXPLORATION REPORT - PERIOD 3 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 16th September 1970, the following work was done:

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 3</th>
<th>Year To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground magnetometry</td>
<td>Nil</td>
<td>293,000</td>
</tr>
<tr>
<td>Diamond drilling</td>
<td>995</td>
<td>995</td>
</tr>
</tbody>
</table>

N33: D.D.H. 367 (co-ords 38000E 18960N Mindrill B1000) advanced from 0 ft. to 995 ft. Predominant rock types intersected were quartz-porphyry and quartz-felspar-porphyry. Banded magnetite and chlorite mudstones were intersected in the target zone between 872'10" and 899'. This may answer the anomaly satisfactorily, but further work such as magnetic susceptibility and geochemistry will be carried out on the core.

...2...
NZ: Magnetic interpretation of this anomaly was received from Austral Exploration Services and drilling proposed.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expenditure for Period 3</td>
<td>$11,507</td>
</tr>
<tr>
<td>Expenditure for year to date</td>
<td>$13,847</td>
</tr>
<tr>
<td>Expenditure on A. to P. to date</td>
<td>$54,496</td>
</tr>
</tbody>
</table>

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBBLEX N.L.,

[Signature]

L.F. ROACH,
General Manager.
12th November, 1970.

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5790

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 4 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 14th October 1970, the following work was done.

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 4</th>
<th>Year To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground magnetometry</td>
<td>Nil</td>
<td>293,000</td>
</tr>
<tr>
<td>Diamond drilling</td>
<td>869'10&quot;</td>
<td>1,864'10&quot;</td>
</tr>
<tr>
<td>Auger drilling</td>
<td>471 ft.</td>
<td>471 ft.</td>
</tr>
</tbody>
</table>

N33 - D.D.H. 367 (coords 38000E/18960N dip -70°, brg. 165°T) advanced from 995 ft. to completion at 1,028'10". A zone of chloritic mudstones and magnetite was intersected between 873 ft. and 899 ft. Core from this hole is being processed.
N35 - An attempt to obtain bedrock samples from this prospect was unsuccessful, due to the existence of a hard siliceous calcareous layer which the auger drill was unable to penetrate. 471 ft. of auger drilling was completed.

N7 - D.D.H. 368 (coords 59200E/42020N dip -70° brg. 180° T), advanced from the surface to 836 ft. in interbedded mudstones and siltstones with minor sandstone. The hole intersected hematite shale and scattered quartz and chlorite stringers.

Expenditure for Period 4 $10,501
Expenditure for year to date $24,348
Expenditure on A. to F. to date $64,997

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBBLEX N.L.

L. F. ROACH,
General Manager.
2nd December, 1970.

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN  N.T.  5790

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 5 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 11th November 1970, the following work was done:

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 5</th>
<th>Year To date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>28,800</td>
<td>321,800</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>1,372'8&quot;</td>
<td>3,237'6&quot;</td>
</tr>
<tr>
<td>(40' error last period)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auger Drilling</td>
<td>Nil</td>
<td>471</td>
</tr>
<tr>
<td>Gridding</td>
<td>28,800</td>
<td>28,800</td>
</tr>
</tbody>
</table>

N33 - D.D.H. 373 (coords 36800E/19600N, brg. 180°T, dip -80°) advanced from the surface to 663'8". Quartz porphyry with minor chloritized sediments have been intersected to date.

Results from D.D.H. 367 are to hand, but no assays of any interest were obtained.

...2...
N35 - No progress.

N7 - D.D.H. 368 (coords 59200E/42020N, dip -70°, brg. 180°T), advanced 709 ft. from 836 ft. to completion at 1,545 ft. Thin ironstone stringers and chlorite quartz alteration were intersected. Although an error was made in siting the hole 200 ft. too far west, the hole drifted easterly and passed within 140 ft. of the calculated target centre. The presence of chlorite and magnetite in the hole suggest that a mineralized body lies nearby. 23,800 ft. of fill-in 100' x 100' gridding over an area bounded by 40,000N and 42,400N and 58500E and 59700E completed and run on 100' x 50' spacing with the Sander Magnetometer. Results will be sent to Austral Exploration Services to assist in the reinterpretation of the N7 Anomaly.

Expenditure for Period 5. $22,975
Expenditure for year to date. $47,323
Expenditure on A. to P. to date. $87,972

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBELEX N.L.,

L. F. ROACH,
General Manager.
Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 6 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 9th December, 1970, the following work was done:

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 6</th>
<th>Year To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>Repeat work</td>
<td>321,800</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>1,266'6&quot;</td>
<td>4,504</td>
</tr>
<tr>
<td>Auger Drilling</td>
<td>Nil</td>
<td>471</td>
</tr>
<tr>
<td>Gridding</td>
<td>Nil</td>
<td>28,000</td>
</tr>
</tbody>
</table>

**N33** - D.D.H. 373 completed at 1,282'2". Report in progress.

**N7** - Both the magnetic and geological targets were carefully evaluated with a resultant unchanged position of 905 ft. depth below 41280N/59200E.

...2...
D.D.H. 374 collared -70° at 51960E/41920N advanced to 618 ft. Hematite shale and rhythmically bedded sequences were excavated in the upper zone.

Expenditure for Period 6. $11,875
Expenditure for year to date. $59,198
Expenditure on A. to P. to date. $99,847

Yours faithfully,

AUSTRALIAN DEVELOPMENT NO LIABILITY,
Exploration Managers for NOBELEX N.L.,

[Signature]

L.F. ROACH,
General Manager.

The Director,
Mines & Water Resources Branch,
N.T. Administration,
DARWIN N.T. 5790

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 7 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 6th January 1971, the following work was done:

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 7</th>
<th>Year To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>Repeat work</td>
<td>321,800</td>
</tr>
<tr>
<td>Gridding</td>
<td>Nil</td>
<td>28,000</td>
</tr>
<tr>
<td>Auger Drilling</td>
<td>Nil</td>
<td>471</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>566'6&quot;</td>
<td>5,070'6&quot;</td>
</tr>
</tbody>
</table>

N7 - DDH 374 is drilling ahead at 897'6". Alteration encountered consisted of quartz chlorite, quartz, hematite and chlorite magnetite veining in brecciated siltstones and shales.

Expenditure for Period 7. $9,428
Expenditure for year to date. $68,626
Expenditure on A. to P. to date. $109,274

Yours faithfully,

AUSTRALIAN DEVELOPMENT LIMITED,
Exploration Managers for NOBELEX N.L.,

L. F. ROACH
General Manager.

The Director,
Mines & Water Resources Branch,
Northern Territory Administration,
DARWIN,  N.T.  5790.

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 8 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 3rd February, 1971, the following work was done:

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 8</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>N11</td>
<td>321,800</td>
</tr>
<tr>
<td>Gridding</td>
<td>222,800</td>
<td>251,600</td>
</tr>
<tr>
<td>Auger Drilling</td>
<td>N11</td>
<td>471</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>608'3&quot;</td>
<td>5,678'9&quot;</td>
</tr>
<tr>
<td>Dust Drilling</td>
<td>320</td>
<td>320</td>
</tr>
</tbody>
</table>

N35  SHDH 91 was drilled to 320 ft. to test the rough target supplied by our consultants. The hole intersected quartz-chlorite alteration. Further fill-in gridding was carried out to obtain a more accurate interpretation of the magnetic source.

N20, N14-15, N22, N23 and N25  Fill-in gridding in these areas completed.

N7  D.D.H. 374 was completed at Total depth of 1,505'9". From approximately 1,000 ft. to 1,500 ft. was bedded sediments carrying considerable amounts of magnetite. Susceptibility logs have been completed and forwarded to our consultants. Geochemical sampling is complete but results are not yet to hand.

Expenditure for Period 8  $9,345
Expenditure for year to date  $77,971
Expenditure on A. to P. to date  $118,619

Yours faithfully,
AUSTRALIAN DEVELOPMENT LIMITED
Exploration Managers for NOBELEX N.L.

L. F. ROACH,
General Manager.
22nd March, 1971.

The Director,
Mines & Water Resources Branch,
Northern Territory Administration,
DARWIN, N.T. 5790.

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 9 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect, we report that for the four weekly period ended 3rd March, 1971, the following work was done:-

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 9:</th>
<th>Year to Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>204,200</td>
<td>526,000</td>
</tr>
<tr>
<td>Gridding</td>
<td>Nil</td>
<td>251,600</td>
</tr>
<tr>
<td>Auger Drilling</td>
<td>Nil</td>
<td>471</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>Nil</td>
<td>5,678'9&quot;</td>
</tr>
<tr>
<td>Dust Drilling</td>
<td>Nil</td>
<td>320</td>
</tr>
</tbody>
</table>

Fill-in magnetometry was completed on the following prospects: - N35, N22, N25, N23, N20 and N14-15.

Geological and geophysical re-assessment of the N7 prospect is continuing.

Expenditure for Period 9 $1,904
Expenditure for year to date $79,875
Expenditure for A. to P. to date $120,523

Yours faithfully,
AUSTRALIAN DEVELOPMENT LIMITED

L. F. Roach
General Manager.

RHN:JS:2/4
The Director,
Mines & Water Resources Branch,
Northern Territory Administration,
DARWIN, N.T.  5760.

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 10 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 31st March, 1971, the following work was done:

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 10</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>18,300</td>
<td>544,300</td>
</tr>
<tr>
<td>Gridding</td>
<td>N/A</td>
<td>251,600</td>
</tr>
<tr>
<td>Auger Drilling</td>
<td>N/A</td>
<td>471</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>N/A</td>
<td>5,678'9&quot;</td>
</tr>
<tr>
<td>Dust Drilling</td>
<td>N/A</td>
<td>320</td>
</tr>
</tbody>
</table>

N7 Prospect: the second magnetic re-appraisal of this prospect was received from our consultants. A total of 16 models was investigated, and a prismatic model 600' x 600', with a depth to the top of 300' and having an average susceptibility of 300 answers 90% of the anomaly observed at the surface. By adding to this the contribution of a smaller disseminated magnetite zone north of the shear, the entire anomaly of N7 can be accounted for.

Progress reports have been completed on the other prospects of the A.P. No further "A" grade prospects are evident. The bulk of the anomalies appear to be responses to iron segregations on the contacts of porphyry masses (c.f. N33 prospect). Interpretations on all these prospects are awaited from our consultants.

Expenditure for Period 10  $3,809
Expenditure for year to date  $95,584
Expenditure on A.P. to date  $126,432

Yours faithfully,
AUSTRALIAN DEVELOPMENT LIMITED
Exploration Managers for NOBELEX N.L.

L. F. Roach
General Manager.

22nd April, 1971.

The Director,
Mines & Water Resources Branch,
Northern Territory Administration,
DARWIN, N.T. 5790.

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 11 1970/71
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect we report that for the four weekly period ended 28th April, 1971, the following work was done:

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 11</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>N11</td>
<td>544,300</td>
</tr>
<tr>
<td>Gridding</td>
<td>N11</td>
<td>251,600</td>
</tr>
<tr>
<td>Auger Drilling</td>
<td>N11</td>
<td>471</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>N11</td>
<td>5,678'9&quot;</td>
</tr>
<tr>
<td>Dust Drilling</td>
<td>N11</td>
<td>320</td>
</tr>
</tbody>
</table>

Expenditure for Period 11 $2,539
Expenditure for year to date $88,223
Expenditure on A. to P. to date $128,971

No field work was carried out for the period.

Yours faithfully,

AUSTRALIAN DEVELOPMENT LIMITED
Managing Agents for NOBELEX N.L.

L. F. ROACH,
General Manager.

The Director,
Mines & Water Resources Branch,
Northern Territory Administration,
DARWIN, N.T. 5790.

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 1 1971/72
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect, we report that for the four week period ended 28th July, 1971, the following work was done:

No field work was carried out during the period

Expenditure for Period 1 $313
Expenditure for year to date $313
Expenditure on A. to P. to date $131,610

Yours faithfully,

AUSTRALIAN DEVELOPMENT LIMITED
Managing Agents for NOBELEX N.L.

[Signature]
L. F. ROACH,
General Manager.

RPC:JS:2/4
23rd September, 1971.

The Director,
Mines & Water Resources Branch,
Northern Territory Administration,
DARWIN, N.T. 5790.

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 2 1971/72
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect, we report that for the fourweek period ended 25th August, 1971, the following work was done:-

**Footage Summary:**

<table>
<thead>
<tr>
<th>Matnetometry</th>
<th>Period 2:</th>
<th>Year to Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1,500</td>
<td>1,500</td>
</tr>
</tbody>
</table>

**N35 Prospect:** The principal profile was run with a horizontal force magnetometer and the results are currently being worked up.

- Expenditure for Period 2: $171
- Expenditure for year to date: $228
- Expenditure on A. to P. to date: $131,781

Yours faithfully,

AUSTRALIAN DEVELOPMENT LIMITED
Managing Agents for NOBELEX N.L.

L. F. ROACH

L. F. ROACH,
General Manager.

The Director,
Mines & Water Resources Branch,
Northern Territory Administration,
DARWIN, N.T. 5750.

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 3 1971/72
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect, we report that for the four week period ended 22nd September, 1971, the following work was done:-

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 3</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>Nil</td>
<td>1,500</td>
</tr>
</tbody>
</table>

No field work was carried out during the period.

Expenditure for Period 3: $82
Expenditure for year to date: $310
Expenditure on A. to P. to date: $131,863

Yours faithfully,

AUSTRALIAN DEVELOPMENT LIMITED
Managing Agents for NOBELEX N.L.

L. F. ROACH
General Manager.
8th November, 1971.

The Director of Mines,
Mines Branch,
Northern Territory Administration,
DARWIN, N.T. 5790.

Dear Sir,

**NOBELEX N.L. EXPLORATION REPORT - PERIOD 4 1971/72**

**NAIL EXTENDED A. TO P. 2391**

In compliance with condition three of our Authority to Prospect, we report that for the four week period ended 20th October, 1971, the following work was done:

<table>
<thead>
<tr>
<th>Footage Summary:</th>
<th>Period 4#</th>
<th>Year to Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>Nil</td>
<td>1,500</td>
</tr>
</tbody>
</table>

No field work carried out during the period.

- Expenditure for Period 4: $12 Cr.
- Expenditure for year to date: $298
- Expenditure on A. to P. to date: $131,851

Yours faithfully,

AUSTRALIAN DEVELOPMENT LIMITED
Managing Agents for NOBELEX N.L.

[Signature]

L. P. ROACH,
General Manager.
7th December, 1971

The Director,
Mines Branch,
Northern Territory Administration,
DARWIN, N.T. 5790.

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 5 1971/72
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect, we report that for the four week period ended 17th November, 1971, the following work was done:

Footage Summary: Period 5: Year to Date:
Magnetometry Nil 1,500
No field work carried out during the period
Expenditure for Period 5 $13
Expenditure for year to date $311
Expenditure on A. to P. to date $131,864

Yours faithfully,
AUSTRALIAN DEVELOPMENT LIMITED
Managing Agents for NOBELEX N.L.

L. F. ROACH
General Manager.
10th January, 1972.

The Director,  
Mines Branch,  
Northern Territory Administration,  
DARWIN, N.T. 5790.

Dear Sir,  

NOBELEX N.L. EXPLORATION REPORT - PERIOD 6 1971/72  
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect, we report that for the four week period ended 15th December, 1971, the following work was done:—

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 6</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>Nil</td>
<td>1,500</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>247'</td>
<td>247'</td>
</tr>
</tbody>
</table>

N35: DDH 393 was aimed to intersect a south dipping body immediately south of the high susceptibility zone encountered in SHDH491. The rig is drilling ahead at 247 ft. in sheared porphyry. The target zone is approximately 260 ft. Rain has delayed the completion of the hole.

Expenditure for Period 6  
$3,502  
Expenditure for year to date  
$3,813  
Expenditure on A. to P. to date  
$135,366

Yours faithfully,  
AUSTRALIAN DEVELOPMENT LIMITED  
Managing Agents for NOBELEX N.L.

L. F. ROACH,  
General Manager.
17th February, 1972.

The Director,
Mines Branch,
Northern Territory Administration,
DARWIN, N.T. 5790.

Dear Sir,

Nobelex N.L. Exploration Report - Period 7 1971/72
NAIL Extended A. to P. 2391

In compliance with condition three of our Authority to Prospect, we report that for the four week period ended 12th January, 1972, the following work was done:

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 7:</th>
<th>Year to Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>N11</td>
<td>1,500</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>71</td>
<td>318</td>
</tr>
</tbody>
</table>

N35: DDH 393 was completed to 318 ft. without intersecting the target. The hole intersected sheared prophyry through most of its length.

Expenditure for Period 7: $219
Expenditure for year to date: $4,032
Expenditure on A. to P. to date: $135,585

Yours faithfully,

Australian Development Limited
Managing Agents for Nobelex N.L.

L. F. ROACH,
General Manager.

The Director,
Mines Branch,
Northern Territory Administration,
DARWIN, N.T. 5790.

Dear Sir,

NOBELEX N.L. EXPLORATION REPORT - PERIOD 8 1971/72
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect, we report that for the four week period ended 9th February, 1972, the following work was done:--

<table>
<thead>
<tr>
<th>Footage Summary</th>
<th>Period 8:</th>
<th>Year to Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnetometry</td>
<td>N11</td>
<td>1,500</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>N11</td>
<td>318</td>
</tr>
</tbody>
</table>

No field work was carried out during the period.

Expenditure for Period 8  $27
Expenditure for year to date  $4,059
Expenditure on A. to P. to date  $135,612

Yours faithfully,

AUSTRALIAN DEVELOPMENT LIMITED
Managing Agents for NOBELEX N.L.

L. F. ROACH,
General Manager.
30th March, 1972.

The Director,
Mines Branch,
Northern Territory Administration,
DARWIN, N.T. 5790.

Dear Sir,

NOBREX N.L. EXPLORATION REPORT - PERIOD 9 1971/72
NAIL EXTENDED A. TO P. 2391

In compliance with condition three of our Authority to Prospect, we report that for the four week period ended 8th March, 1972, the following work was done:-

<table>
<thead>
<tr>
<th>Activity</th>
<th>Per. 9</th>
<th>Year to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile Magnetometry</td>
<td>Nil</td>
<td>1,500ft.</td>
</tr>
<tr>
<td>Diamond Drilling</td>
<td>Nil</td>
<td>318ft.</td>
</tr>
<tr>
<td>Assays Submitted</td>
<td>Nil</td>
<td>68</td>
</tr>
</tbody>
</table>

Expenditure for Period 9    $417
Expenditure for year to date $4,476
Expenditure on A. to P. to date $136,029

Yours faithfully,
AUSTRALIAN DEVELOPMENT LIMITED
Managing Agents for NOBREX N.L.

L. F. ROACH,
General Manager.
APPLICANT: NOBELEX NA.

AREA: 55 SQUARE MILES
AREA GRANTED: 55 SQUARE MILES

RENT: $55.00
REV. 12.00
$67.00
9/438540

APPROVED: 23rd SEPTEMBER 1969

PERIOD: TWELVE (12) MONTHS EXPIRING 22nd SEP 1970

LOCATION: MT SAMUEL
MINERALS: ALL
GOLDFIELD: WARRAMUNGA

DESCRIPTION:

ALL THAT piece or parcel of land in the Northern Territory of Australia containing an area of 55 square miles more or less, the boundaries of which are described as follows:

Commencing at the intersection of longitude 19 degrees 41 minutes 00 seconds with longitude 134 degrees 09 minutes 20 seconds then
proceeding to the intersection of longitude 19 degrees 44 minutes 20 seconds with longitude 134 degrees 09 minutes 20 seconds then
proceeding to the intersection of longitude 19 degrees 44 minutes 20 seconds with longitude 134 degrees 05 minutes 00 seconds then
proceeding to the intersection of longitude 19 degrees 45 minutes 00 seconds with longitude 134 degrees 05 minutes 00 seconds then
proceeding to the intersection of longitude 19 degrees 45 minutes 00 seconds with longitude 133 degrees 59 minutes 40 seconds then
proceeding to the intersection of longitude 19 degrees 40 minutes 00 seconds with longitude 133 degrees 59 minutes 40 seconds then
proceeding to the intersection of longitude 19 degrees 40 minutes 00 seconds with longitude 133 degrees 07 minutes 20 seconds then
proceeding to the intersection of longitude 19 degrees 41 minutes 00 seconds with longitude 133 degrees 07 minutes 20 seconds then
to the point of commencement excluding therefrom all reserves, all mining tenements held or applied for and all rail and road reserves.

Application for Renewal rec'd 2-7-10 $67.00
Permit Twelve (12) months 22/9/71 $867.00

Cleared: 9/70 23/72 23/72 23/71 19/6/70

Application for Renewal rec'd 3-7-10 YK 602386
Permit Twelve (12) months 6-27/9/72 $67.00

Approved: 13/4/71