NORTHERN GOLD NL

REPORT ON 1991 DRILLING PROGRAMS

BY: W.C.COOPER

G.A.PARTINGTON

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8540000m N
8535000m N
8530000m N
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8520000m N
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8510000m N
8505000m N
8500000m N

750000m E
745000m E
740000m E
735000m E
730000m E

ML 1060/766
MCN 377-380
MCN 327B
EL 6699
EL 6494
EAL 97
EL 5065

Stuart Highway
Old Stuart Highway
Adelaide River
Daly River Road

Northern Gold NL

TENEMENT LOCATION PLAN
FOR DRILLING 1991
FIGURE 1

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Introduction

Aims

Drilling conducted during the 1991 exploration season was for both exploration and resources evaluation Reverse circulation, diamond and rotary air blast drilling were undertaken in order to: (a) determine the extent and style of bedrock mineralisation as indicated by previous drilling, and (b) to determine the style and extent of bedrock mineralisation associated with soil anomalies.

The areas targeted as a result of previous drilling included ERL 97 (Western Arm), MC 377-80 (Howley Ridge) and ML 1060/766 (Bridge Creek). The areas targeted for drilling on the basis of soil and rock chip anomalies included EL's 6494, 6699. 5065 and MLN 3278 (Figure 1).
All of the areas drilled are in the Howley district with the exception of EL 5065 which is near the township of Adelaide River.

Equipment and Personnel

The drilling was conducted by Gaden Drilling of Batchelor. Various drill rigs and equipment were used depending on the location and type of drilling to be undertaken. The relevant details are given in the text of each section. Northern Gold supplied a geologist and field assistant to all programs except some of the diamond programs where they were not required. Several delays occurred due to mechanical or

equipment failure. Poor drilling rates, due to underpowered drill rigs and difficult ground conditions resulted in the postponement of some programs.

Site Preparation and Access

The majority of the drilling required little site preparation (Western Arm and Bridge Creek) and where it was required usually consisted of minor vegetation removal and/or drill pad construction (minor). Access to all areas was commonly via the Stuart Highway and dirt tracks requiring few roads or creek crossings to be constructed.

Hole location details

All locations except for ERL 97 (Western Arm) and ML 1060 /ML 766 (Bridge Creek) are given in AMG coordinates. Grid conversion for ERL 97 is:

LOCAL GRID	AMG
42750E 61000N	749049.64E 8515208.86N

with a bearing of 0^0 31' 15'' from true north.

Grid conversion for Bridge Creek is:

LOCAL GRID	AMG
45000E 59300N	751207.98E 8513831.50N

with a bearing of 0^0 32' 26'' from true north.

731350m E

731400m E

731450m E

8527800m N

MCM 3423

+PS1

+PS2

8527750m N

+PS3

8527700m N

731350m E

731400m E

731450m E

Northern Gold NL		
POSSUM PROSPECT EL 5065/MC 3423 DRILL HOLE LOCATIONS		
SCALE 1:500	DATE 11/05/92	SHEET 1 of 1
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	Plotted with MICROMINE	

FIGURE 2

HOLE NO	NORTHING	EASTING	DEPTH	AZIMUTH	DIP	TYPE
PS1	8527785	731398	99	277	-45	DD
PS2	8527765	731396	99	273	-60	DD
PS3	8527725	731375	99	270	-45	DD

Table 1 Drill hole details, Possum Prospect.

EL 5065

Possum Prospect (MC 3423)

Drilling commenced on the 29th May. Gaden Drilling were contracted to carry out the drilling program using a UDR 650 drill rig with a Sulair compressor rated at 600CFM at 350 PSI, both of which were mounted on a MAN 6x6 truck. A smaller 4x4 truck was used as a support vehicle and carried rods, fuel and water tanks. Gaden supplied an experienced driller and a drillers offsider. Northern Gold supplied a geologist and a field assistant to assist with sampling. Minimal site preparation was required and drill site rehabilitation has been completed.

A total of 212 metres of RC pre-collar and 86 metres of diamond NQ core were drilled all holes finishing at 99 metres. Drill hole locations and details are given in Figure 2 and Table 1 with RC and diamond drill logs given in Appendix 1.
The target zone was intersected in PS1 at 65 metres, in PS2 at 68 metres and PS3 at 42 metres. The holes were logged in detail (Appendix 1) and samples were collected from the PS2 RC pre-collar and from the PS3 and PS1 target zone and other areas of quartz veining and shearing. A total of 52 samples were collected every metre from the RC pre-collar and 68 core samples were collected according to lithological and/or structural criteria. The core was either cut using a diamond bladed rock saw or, in the more brittle zones, split using a hammer. The samples were submitted for Fire Assay Au analysis to Analabs in Darwin (Appendix 2). No significant results were

returned from the PS2 RC pre-collar and only 0.2 metres at 4.78 g/t was returned from PS3 at 42 metres and 0.2 metres at 5.12 g/t from a quartz vein in sheared siltstone at 65 metres. The mineralised zone is confined to a narrow laminated quartz vein at the contact between a shale unit and an underlying greywacke unit. The diamond drilling at Possum confirmed the presence of the mineralise vein system identified on the surface. However the vein system at depth is narrow, up to 20 centimetres, and contains patchy Au grades.

There is potential for the high grade shoot to thicken from the surface down the plunge of the fold along the fold axis to the south. There is also the potential for further mineralisation on the western limb of the fold at a similar structural and stratigraphic position. Because of the width of the vein system at depth which means a large tonnage deposit is unlikely, the patchy gold grades and the rugged nature of the terrain, which makes shallow drilling difficult, it is recommended that further work at Possum be suspended.

Happy Valley Prospect

Drilling at Happy Valley prospect consisted of 6 RAB holes and 6 open hole percussion holes. These holes were designed to test for extensions of the Happy Valley mineralisation to the south of the soil and rock-chip anomaly identified in 1990. Drill hole locations and details are given in Figure 3 and Table 2. The rig and personnel used for the program were the same as for EL 6494 and EL 6699.

The RAB holes were drilled on a black soil flat at the base of the hill on which the mineralised conglomerate crops out. The upper contact between the conglomerate and an overlying greywacke unit was targeted. Six vertical holes were drilled for a total of 67 metres. The holes were sampled every 2 metres down hole into composites with the last metre collected as an individual sample. The open hole percussion holes were drilled at the base of the hill to the south of the zone of mineralisation at 70^{o} towards 266^{o}. These holes were sampled every metre and composited to 2 metres for analysis. A total of 21 RAB samples and 25 open hole percussion samples were sent to Analabs in Darwin for analysis.

Results from the drilling program at the Happy Valley prospect are given in Appendix 2. Best results include 3 metres at 0.13 g/t and 2 metres at 0.11 g/t with re-assays of the composite samples giving 1 metre at 0.17 g/t. The program has identified minor anomalous mineralisation at depth which appears to be related to the mineralisation to the north of the drill lines identified by the rock-chip sampling.

Northern Gold NL

EL 5065
HAPPY VALLEY PROSPECT
DRILL HOLE LOCATIONS

SCALE 1:500
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Plotted with MICROMINE

FIGURE 3

738600m E
738550m E
738500m E
738650m E

8540750m N
8540700m N
8540650m N

+HV1
+HV2
+HV3A
+HV3B
+HV4
+HV5
+HV6
+HV8
+HV9
+HV10
+HV11
+HV12

HOLE	EASTING	NORTHING	DEPTH	AZIMUTH	DIP	TYPE
HV1	738571	8540699	10.5	0	-90	RAB
HV2	738561	8540699	14	0	-90	RAB
HV3A	738551	8540699	2	0	-90	RAB
HV3B	738549	8540699	7	0	-90	RAB
HV4	738541	8540699	9	0	-90	RAB
HV5	738531	8540699	10.5	0	-90	RAB
HV6	738521	8540699	14	0	-90	RAB
HV8	738556	8540726	9	266	-70	OHP
HV9	738551	8540726	10	266	-70	OHP
HV10	738546	8540726	10	266	-70	OHP
HV11	738541	8540726	10	266	-70	OHP
HV12	738536	8540726	10	266	-70	OHP

Table 2 Drill hole details, Happy Valley Prospect.

EL 6494

RAB and open hole percussion drilling was completed on EL 6494 to test the rock-chip and soil anomalies at the Midway, Golden Wall and Beacon Hill prospects. Gaden Drilling was contracted to conduct both the RAB and the open hole percussion drilling.

The drill rig used was an Investigator Mark 5 with a Sulair compressor rated at 420 CFM at 175 PSI. Both were mounted on a 4x4 Bedford truck. For the open hole percussion drilling a SD4 41/2 inch hammer was used and a standard 3 blade RAB bit used for the RAB drilling. Gaden supplied a driller and an offsider, and Northern Gold provided a geologist and a field assistant to conduct the sampling. Little ground preparation was required for the drilling programme, although a small loader was used to clear rocks and any small trees. Where possible the holes were moved to avoid substantial disturbance to vegetation. The loader was also used to construct creek crossings and tracks between drill lines where necessary. A total of 57 RAB holes were completed for 350 metres and 5 open percussion holes completed for 96 metres. Location and details of the drilling program are given in Figure 4 and Table 3.

Initially the RAB drilling was spaced 20 metres apart and holes were designed to reach a depth of 20 metres. During the program this spacing was reduced to 10 metres with 10 metre deep holes, and finally to 5 metres apart and 5 metre deep holes. The reduction of the drill spacings and hole depth was a result of hard drilling and was necessary to obtain good ground coverage. All drill holes were angled at -60 towards

749000E

750000E

751000E

HOLES 44 TO 62

8506000N

8506000N

HOLES 31 TO 42

8505000N

8505000N

HOLES 26 TO 30

HOLES 21 TO 25

GOLDERN WALL PROSPECT

HOLES 16 TO 20

8504000N

8504000N

HOLES 11 TO 15

750000E

751000E

Northern Gold NL

EL 6494

DRILL HOLE LOCATIONS

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SHEET 1 of 1

REF No. 6494plan

Plotted with MICROMINE

FIGURE 4

HOLE NO	EASTING	NORTHING	DEPTH	AZIMUTH	DIP	TYP
11	750460	8503600	2.3	86	-60	RAB
11A	750456	8503600	7.3	86	-60	RAB
12	750480	8503600	9.0	86	-60	RAB
13	750500	8503600	8.5	86	-60	RAB
14	750520	8503600	6.0	86	-60	RAB
15	750540	8503600	6.0	86	-60	RAB
16	750200	8504300	5.5	86	-60	RAB
17	750220	8504300	2.0	86	-60	RAB
17A	750210	8504300	10.0	86	-60	RAB
18	750240	8504300	16.5	86	-60	RAB
18A	750230	8504300	10.0	86	-60	RAB
19	750260	8504300	15.0	86	-60	RAB
20	750280	8504300	11.5	86	-60	RAB
21	750160	8504500	20.0	86	-60	OP
22	750180	8504500	20.0	86	-60	OP
23	750200	8504500	17.0	86	-60	OP
24	750220	8504500	20.0	86	-60	OP
25	750240	8504500	19.0	86	-60	OP
26	750020	8504900	10.0	86	-60	RAB
26A	750030	8504900	10.0	86	-60	RAB
26B	750010	8504900	6.9	86	-60	RAB
26C	750000	8504900	10.0	86	-60	RAB
27	750040	8504900	6.5	86	-60	RAB
27A	750050	8504900	2.0	86	-60	RAB
28	750060	8504900	3.5	86	-60	RAB
28A	750070	8504900	10.0	86	-60	RAB
29	750080	8504900	10.0	86	-60	RAB
29A	750090	8504900	5.0	86	-60	RAB
30	750100	8504900	10.0	86	-60	RAB
30A	750110	8504900	6.0	86	-60	RAB
31	750000	8505300	10.0	86	-60	RAB
32	750010	8505300	3.0	86	-60	RAB
33	750020	8505300	3.0	86	-60	RAB
34	750030	8505300	2.5	86	-60	RAB
35	750040	8505300	5.0	86	-60	RAB
36	750050	8505300	2.5	86	-60	RAB
37	750060	8505300	3.5	86	-60	RAB
38	750070	8505300	2.5	86	-60	RAB
38A	750068	8505300	2.0	86	-60	RAB
39	750080	8505300	10.0	86	-60	RAB
40	750090	8505300	10.0	86	-60	RAB
41	750100	8505300	5.0	86	-60	RAB
42	750110	8505300	4.8	86	-60	RAB
44	749630	8506200	5.0	86	-60	RAB
45	749635	8506200	5.0	86	-60	RAB
46	749640	8506200	5.0	86	-60	RAB
47	749645	8506200	5.0	86	-60	RAB
48	749650	8506200	5.0	86	-60	RAB
49	749655	8506200	2.0	86	-60	RAB
50	749660	8506200	5.0	86	-60	RAB

Table 3 Drill hole details, EL 6494.

HOLE NO	EASTING	NORTHING	DEPTH	AZIMUTH	DIP	TYP
51	749665	8506200	5.0	86	-60	RAB
52	749670	8506200	5.0	86	-60	RAB
53	749675	8506200	5.0	86	-60	RAB
54	749680	8506200	5.0	86	-60	RAB
55	749685	8506200	5.0	86	-60	RAB
56	749690	8506200	5.0	86	-60	RAB
57	749695	8506200	5.0	86	-60	RAB
58	749700	8506200	3.0	86	-60	RAB
59	749705	8506200	5.0	86	-60	RAB
60	749710	8506200	1.0	86	-60	RAB
61	749715	8506200	3.0	86	-60	RAB
62	749720	8506200	3.0	86	-60	RAB

Table 3 continued

086. Samples were collected every metre from plastic bags around the collar of the hole. Where possible 5 metre composites were collected using a piece of PVC pipe as a splitter from the one metre samples.

The open hole percussion drilling was conducted over one drill line. The holes were drilled to a maximum depth of 20 metres and spaced 20 metres apart. Some drill holes were stopped short of the target depth due to poor sample return and contamination. Samples were collected from a plastic bag around the hole collar. The sample was collected every metre and passed through a riffle splitter with one half being retained for reference and future analysis and the other half left by the hole. Two metre composite samples were collected from the one metre samples.

Problems were initially encountered due to an inexperienced driller operating the drill rig. Consequently the rig was stood down for one day as progress at that stage was unacceptable to both parties. The problems were overcome towards the end of the program and good daily meterages were obtained.

Results from the drilling program are given in Appendix 2.
Best results include 6 metres at 0.2 g/t from 6 metres and 2 metres at 0.3 g/t from 16 metres from the Golden Wall anomaly and 5 metres at 0.240 g/t and 5 metres at 0.4 g/t from the Beacon Hill anomaly. The program has successfully explained the source of the soil anomalies at all the prospects and has identified anomalous mineralisation at depth in all three

prospects. The drilling has also proven to be a successful method for exploring the continuations of the anomalous zones onto the Bridge Creek alluvial flood plains.

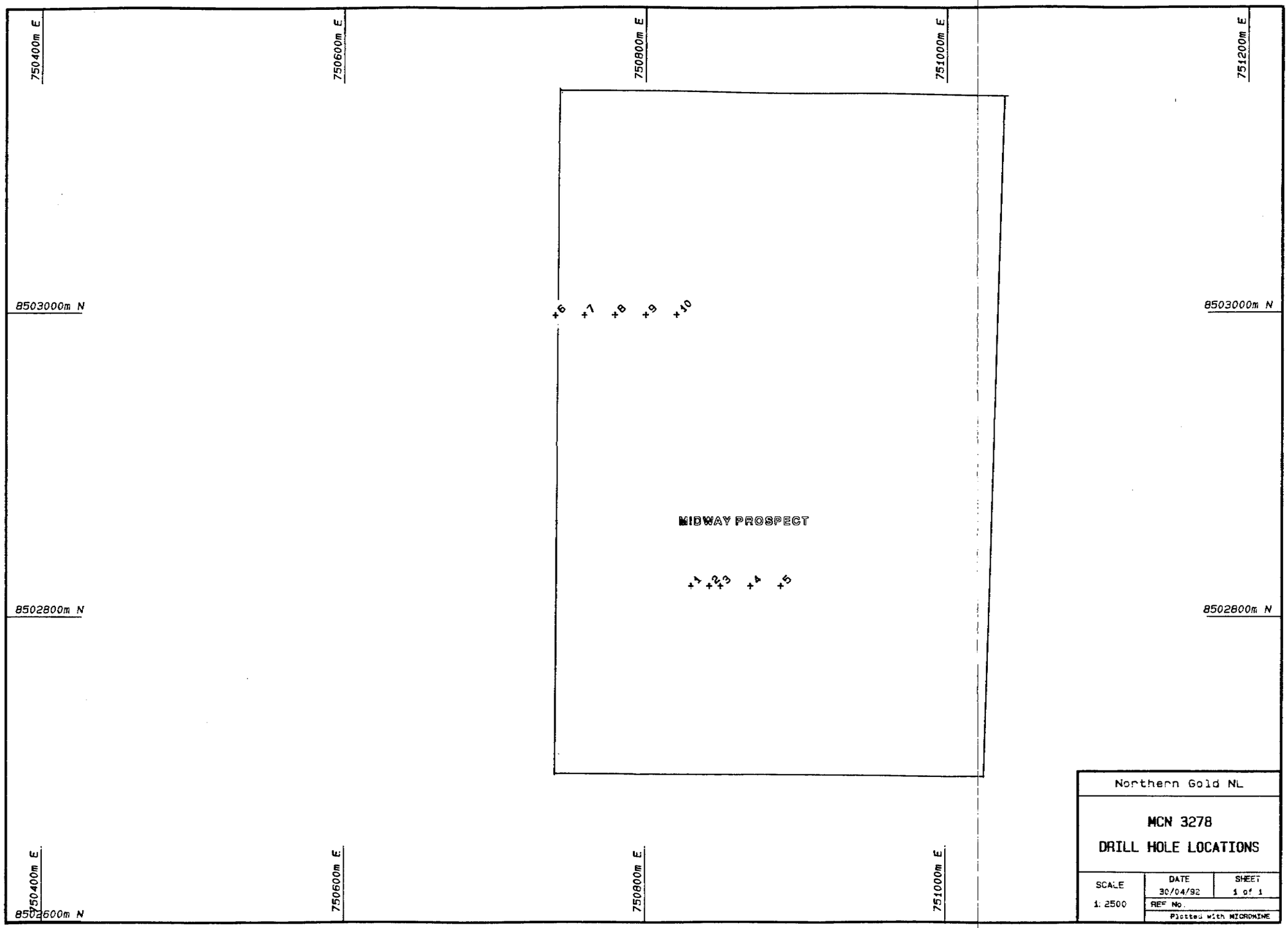
Follow-up reconnaissance RC drilling and costeaning is now required to identify possible resource targets.

MCN 3278

The same drill rig as was used for the drilling on EL 6494 was used for the drilling on MCN 3278. A total of 10 open hole percussion drill holes were drilled for a total of 188 metres. Drill hole locations and details are given in Figure 5 and Table 4. The holes were targeted for a depth of 20 metres but some were stopped short of this depth as water and/or contamination of the sample made further drilling impractical. Samples were collected from a plastic bag around the hole collar every metre and passed through a riffle splitter with one half being retained for reference and future analysis and the other half left by the hole. Two metre composite samples were collected from the one metre samples and submitted to Analabs in Darwin for Fire Assay Au analysis. For any assay that returned a result greater than 0.1 ppm the individual metre samples were then collected from site and resubmitted for analysis.

Sample results and descriptions are presented in Appendix 2. Best results for individual metres include 6.32 ppm from 7 to 8 metres in hole 8, 1.96 and 2.57 from 15 to 17 metres in hole 4 and 1.924 ppm from 19 to 20 metres in hole 7.

The presence of ore grade intersections in this area warrants further work and should include costeaning and RC drilling over the anomalous zones.



Northern Gold NL	
MCN 3278	
DRILL HOLE LOCATIONS	
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	Plotted with MICROMINE

FIGURE 5

HOLE NO	EASTING	NORTHING	DEPTH	AZIMUTH	DIP	TYP
1	750830	8502820	20.0	86	-60	OP
2	750843	8502820	17.0	86	-60	OP
3	750850	8502820	15.0	86	-60	OP
4	750870	8502820	17.0	86	-60	OP
5	750890	8502820	19.0	86	-60	OP
6	750740	8502998	20.0	86	-60	OP
7	750760	8502998	20.0	86	-60	OP
8	750780	8502998	20.0	86	-60	OP
9	750800	8502998	20.0	86	-60	OP
10	750820	8502998	20.0	86	-60	OP

Table 4 Drill hole details, MCN 3278.

The programme was designed to identify the possible source of the northern extension of the EL 6494 soil anomaly and to test the large expanses of soil covered flats for hidden extensions of this anomaly to the north. The rig and personnel used were the same as for EL 6494. Five lines of 95 RAB holes were drilled for a total of 435 metres. The majority of the holes were drilled towards 086 at -60 to a targeted depth of 5 metres. The exceptions being two lines of vertical holes drilled across the soil covered flats which also had a target depth of 5 metres. Drill hole locations and details are given in Figure 6 and Table 5. Samples were collected from the last two metres of the two lines of vertical holes and were composited to a single sample. All other drill holes were sampled every metre and composited for a single sample per hole. A total of 95 samples were initially sent to Analabs in Darwin for analysis. Results from the drilling program are given in Appendix 2. The drilling has been successful in identifying the northern extension of the Beacon Hill prospect and the area around the Old Copper Show as anomalous in Au. Best results include 5 metres at 0.4 g/t and 5 metres at 0.24 g/t from 8506200mN and 5 metres at 0.71 g/t and 3 metres at 0.5 g/t from 8506600mN from the Beacon Hill prospect and 5 metres at 0.16 and 2 metres at 0.1 from 8508300mN, the Old Copper Show prospect. The results from re-assaying individual one metre samples from this drilling program give best results of 0.4 g/t, 2.2 g/t and 2.6 g/t from the Beacon Hill prospect and 0.4 g/t from the Old Copper Show. These results confirm the RAB composite results and also indicate the presence of

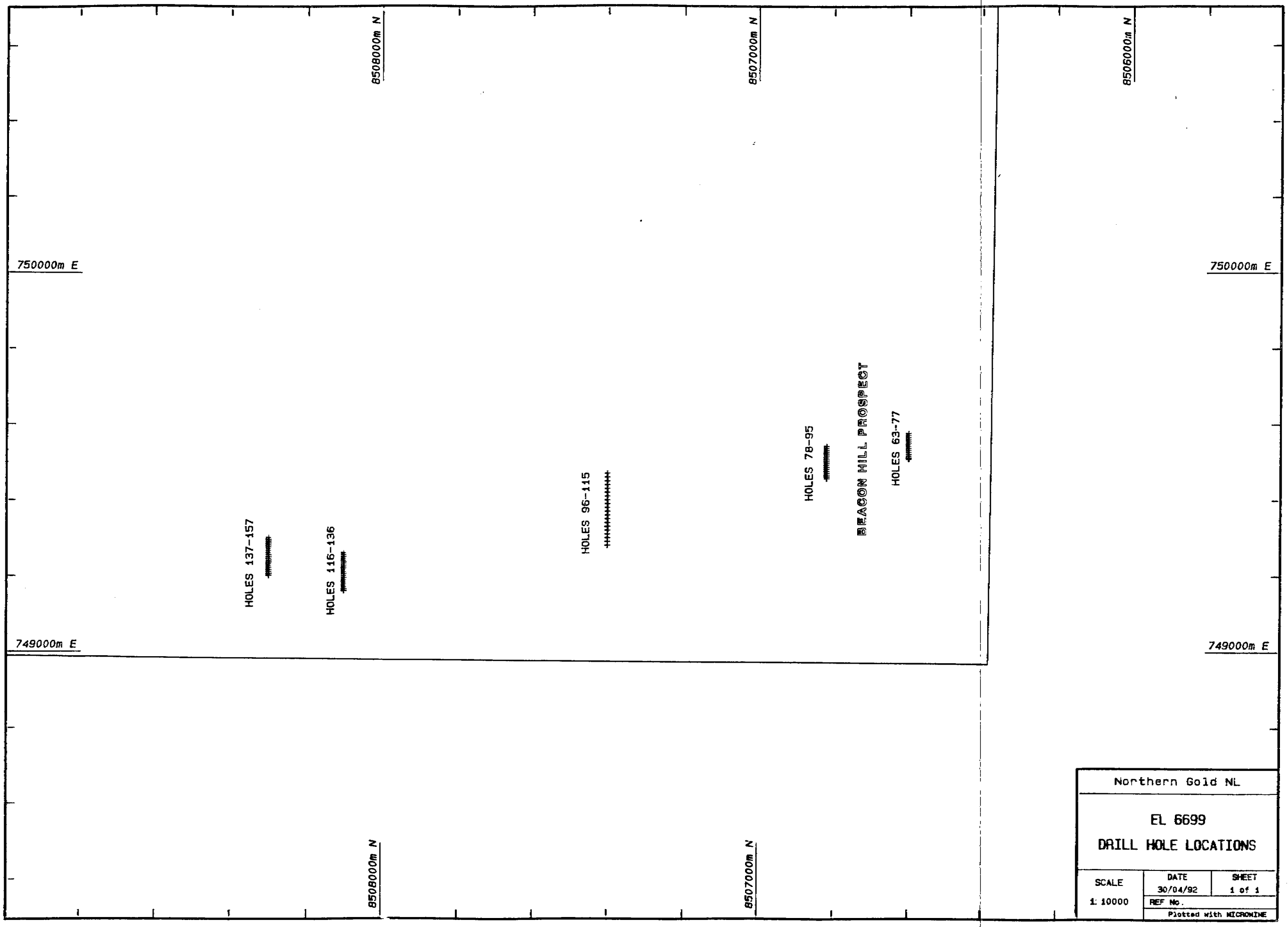
8508000m N
8507000m N
8506000m N
750000m E
749000m E
HOLES 137-157
HOLES 116-136
HOLES 96-115
HOLES 78-95
BEACON HILL PROSPECT
HOLES 63-77
Northern Gold NL
EL 6699
DRILL HOLE LOCATIONS
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FIGURE 6

HOLE NO	EASTING	NORTHING	DEPTH	AZIMUTH	DIP	TYP
63	749507	8506600	5	86	-60	RAB
64	749510	8506600	5	86	-60	RAB
65	749515	8506600	5	86	-60	RAB
66	749520	8506600	5	86	-60	RAB
67	749525	8506600	3	86	-60	RAB
68	749530	8506600	5	86	-60	RAB
69	749535	8506600	5	86	-60	RAB
70	749540	8506600	5	86	-60	RAB
71	749545	8506600	5	86	-60	RAB
72	749550	8506600	3	86	-60	RAB
73	749555	8506600	1	86	-60	RAB
74	749560	8506600	3	86	-60	RAB
75	749565	8506600	4	86	-60	RAB
76	749570	8506600	5	86	-60	RAB
77	749575	8506600	5	86	-60	RAB
78	749455	8506818	5	86	-60	RAB
79	749460	8506818	5	86	-60	RAB
80	749465	8506818	5	86	-60	RAB
81	749470	8506818	5	86	-60	RAB
82	749475	8506818	5	86	-60	RAB
83	749480	8506818	5	86	-60	RAB
84	749485	8506818	5	86	-60	RAB
85	749490	8506818	5	86	-60	RAB
86	749495	8506818	5	86	-60	RAB
87	749500	8506818	5	86	-60	RAB
88	749505	8506818	5	86	-60	RAB
89	749510	8506818	5	86	-60	RAB
90	749515	8506818	5	86	-60	RAB
91	749520	8506818	5	86	-60	RAB
92	749525	8506818	5	86	-60	RAB
93	749530	8506818	5	86	-60	RAB
94	749535	8506818	5	86	-60	RAB
95	749540	8506818	5	86	-60	RAB
96	749280	8507400	5	0	-90	RAB
97	749290	8507400	5	0	-90	RAB
98	749300	8507400	5	0	-90	RAB
99	749310	8507400	5	0	-90	RAB
100	749320	8507400	5	0	-90	RAB
101	749330	8507400	5	0	-90	RAB
102	749340	8507400	5	0	-90	RAB
103	749350	8507400	5	0	-90	RAB
104	749360	8507400	5	0	-90	RAB
105	749370	8507400	5	0	-90	RAB
106	749380	8507400	5	0	-90	RAB
107	749390	8507400	5	0	-90	RAB
108	749400	8507400	3	0	-90	RAB
109	749410	8507400	5	0	-90	RAB
110	749420	8507400	5	0	-90	RAB
111	749430	8507400	5	0	-90	RAB
112	749440	8507400	5	0	-90	RAB

Table 5 Drill hole details, EL 6699.

HOLE NO	EASTING	NORTHING	DEPTH	AZIMUTH	DIP	TYP
113	749450	8507400	5	0	-90	RAB
114	749460	8507400	5	0	-90	RAB
115	749470	8507400	5	0	-90	RAB
116	749160	8508100	5	86	-60	RAB
117	749165	8508100	5	86	-60	RAB
118	749170	8508100	4	86	-60	RAB
119	749175	8508100	4	86	-60	RAB
120	749180	8508100	5	86	-60	RAB
121	749185	8508100	5	86	-60	RAB
122	749190	8508100	3	86	-60	RAB
123	749195	8508100	5	86	-60	RAB
124	749200	8508100	5	86	-60	RAB
125	749205	8508100	5	86	-60	RAB
126	749210	8508100	5	86	-60	RAB
127	749215	8508100	5	86	-60	RAB
128	749220	8508100	5	86	-60	RAB
129	749225	8508100	5	86	-60	RAB
130	749230	8508100	3	86	-60	RAB
131	749235	8508100	5	86	-60	RAB
132	749240	8508100	5	86	-60	RAB
133	749245	8508100	5	86	-60	RAB
134	749250	8508100	5	86	-60	RAB
135	749255	8508100	5	86	-60	RAB
136	749260	8508100	5	86	-60	RAB
137	749200	8508300	5	86	-60	RAB
138	749205	8508300	3	86	-60	RAB
139	749210	8508300	2	86	-60	RAB
140	749215	8508300	5	86	-60	RAB
141	749220	8508300	5	86	-60	RAB
142	749225	8508300	5	86	-60	RAB
143	749230	8508300	5	86	-60	RAB
144	749235	8508300	4	86	-60	RAB
145	749240	8508300	5	86	-60	RAB
146	749245	8508300	5	86	-60	RAB
147	749250	8508300	5	86	-60	RAB
148	749255	8508300	5	86	-60	RAB
149	749260	8508300	4	86	-60	RAB
150	749265	8508300	5	86	-60	RAB
151	749270	8508300	5	86	-60	RAB
152	749275	8508300	5	86	-60	RAB
153	749280	8508300	5	86	-60	RAB
154	749285	8508300	5	86	-60	RAB
155	749290	8508300	5	86	-60	RAB
156	749295	8508300	5	86	-60	RAB
157	749300	8508300	5	86	-60	RAB

Table 5 continued

higher grade mineralisation at the Beacon Hill prospect. The program has successfully explained the source of the soil anomalies at both prospects and has identified anomalous mineralisation at depth.

It is recommended that follow-up work be concentrated on the Beacon Hill prospect in the 1992 field season.

ERL 97 Western Arm

A total of 25 reverse circulation drill holes were completed for 1428 metres to test the extension of the mineralisation delineated by the drilling completed in 1990. Drill hole locations and details are given in Figure 7 and Table 6. Drill logs are presented in Appendix 1 and results in Appendix 2.

Gaden Drilling were contracted to carry out the drilling program and initially used a UDR 650 drill rig with a Sulair compressor rated at 600CFM at 350 PSI, and then a Warman 1000 with a Sulair compressor rated at 650CFM and 250 PSI, both of which were mounted on a MAN 6x6 truck. A smaller 4x4 truck was used as a support vehicle and carried rods, fuel and water tanks. Gaden supplied an experienced driller, a drillers offsider and a sampler/water truck driver. Northern Gold supplied a Geologist and a field assistant to assist with the sampling. Minimal site preparation was needed as the area drilled is on the edge of a black soil plain, although a loader was used to build a solid drill pad from rocky rubble to prevent the rig being bogged when water was encountered during the drilling.

All holes of the series WA59 to WA69 were drilled using a standard RC hammer (excluding WA65 and WA68) All other holes were drilled using a face sampling hammer. The face sampling hammer produced a better sample return with less contamination than the standard RC setup, although the amount of contamination that occurred appears to have been slight and mainly confined to the intervals where the water table was

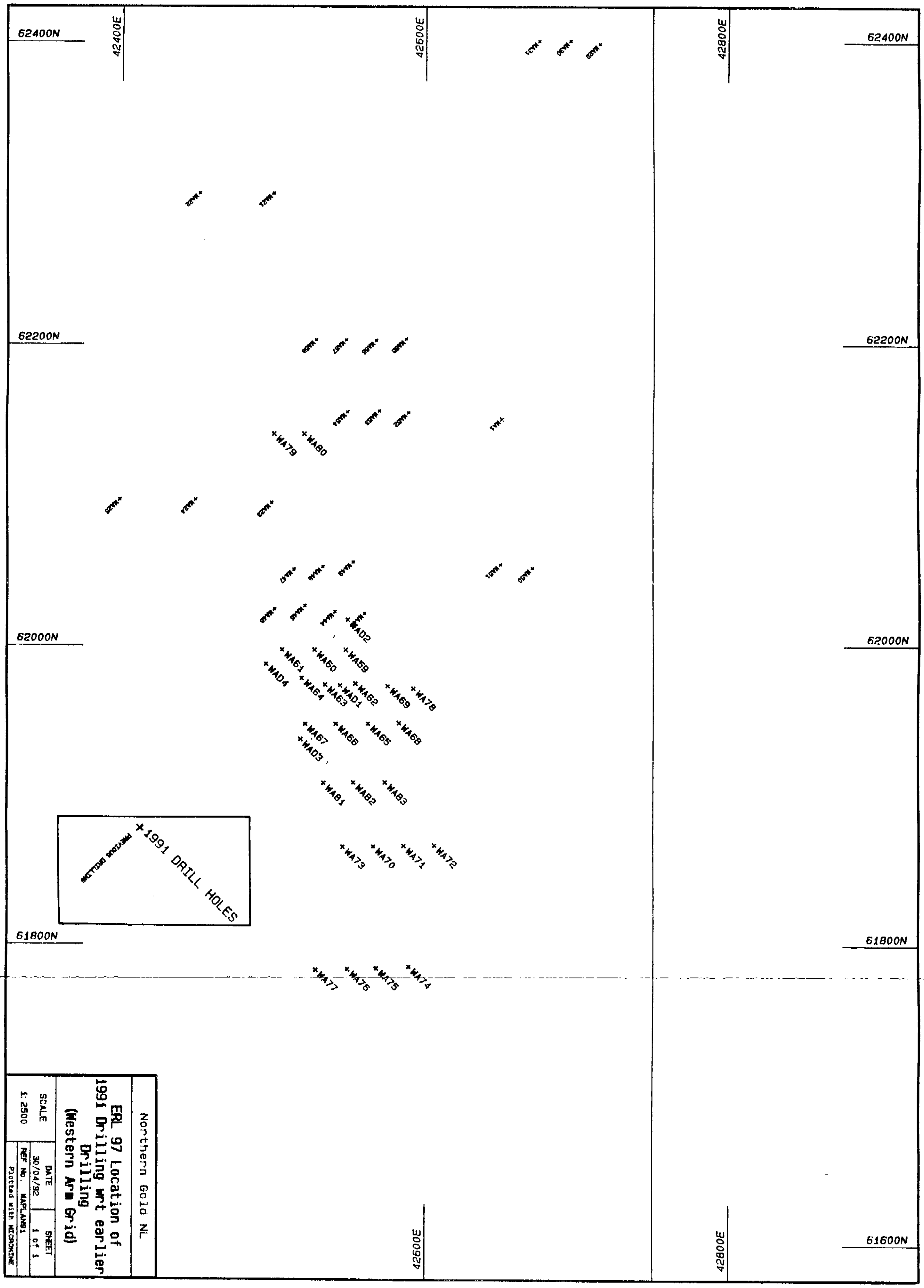

62400N
42400E
42600E
42800E
62200N
62000N
61800N
61600N
WA79
WA80
WAD2
WA61
WA60
WA59
WAD4
WA64
WA63
WAD1
WA62
WA69
WA78
WA67
WA66
WA65
WA68
WAD3
WA81
WA82
WA83
WA73
WA70
WA71
WA72
WA77
WA76
WA75
WA74
+1991 DRILL HOLES
PREVIOUS DRILLING
Northern Gold NL
ERL 97 Location of 1991 Drilling wrt earlier Drilling (Western Arm Grid)
SCALE 1: 2500
DATE 30/04/92
SHEET 1 of 1
REF NO. WAPLAN81
Plotted with MICROMINE

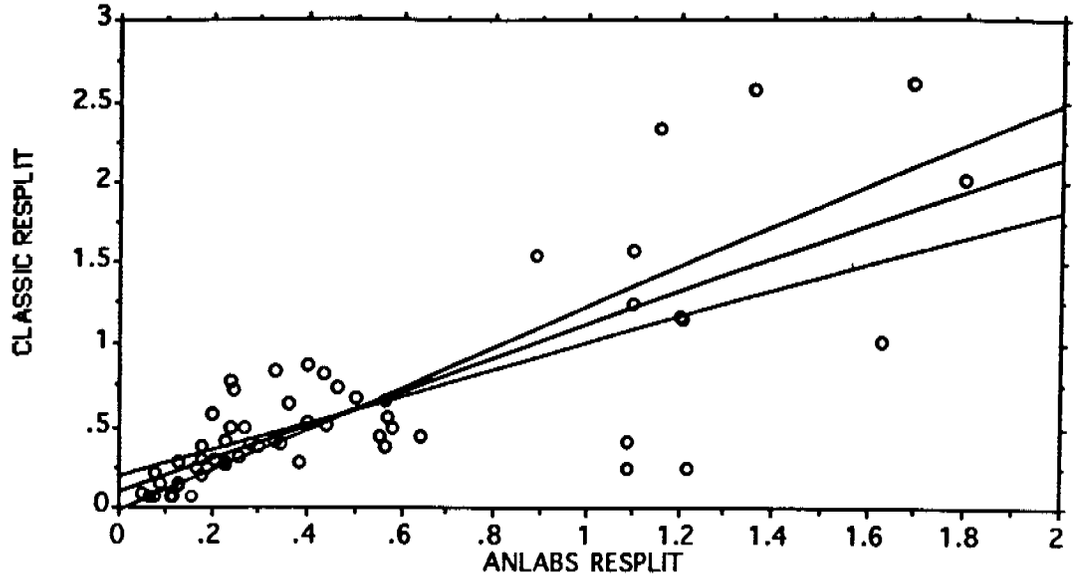
FIGURE 7

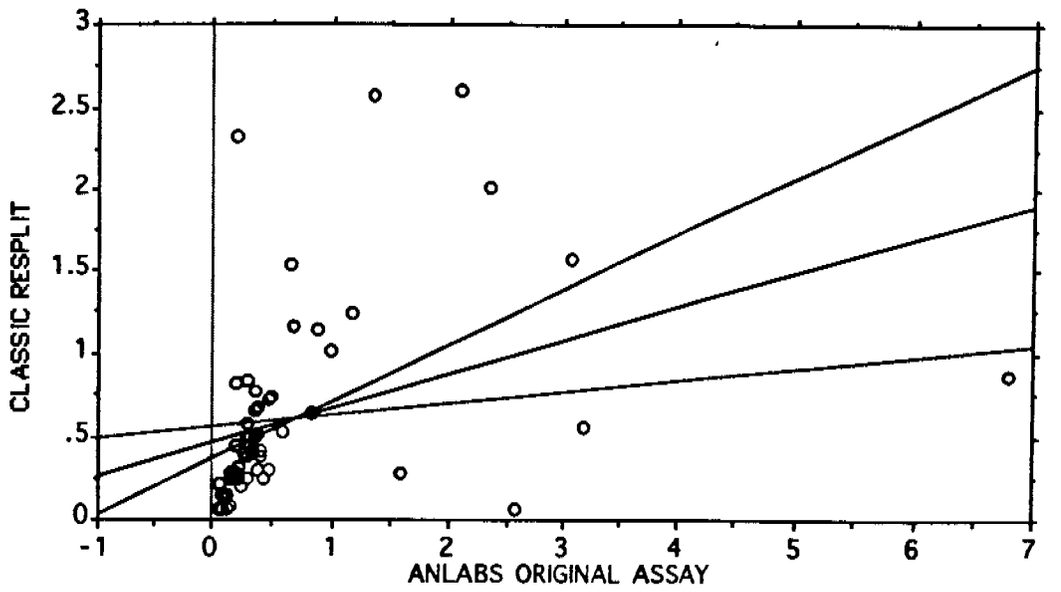
HOLE NO	EASTING	NORTHING	DEPTH	AZIMUTH	DIP	TYP
WA59	42547.51	61997.19	60.0	270	-60	RC
WA60	42526.66	61997.34	60.0	270	-60	RC
WA61	42505.32	61997.44	57.0	270	-60	RC
WA62	42553.68	61975.00	60.0	270	-60	RC
WA63	42533.68	61974.32	54.0	270	-60	RC
WA64	42518.23	61978.63	60.0	270	-60	RC
WA65	42562.00	61947.79	60.0	270	-60	RC
WA66	42540.74	61947.63	55.0	270	-60	RC
WA67	42520.49	61947.63	36.0	270	-60	RC
WA68	42582.39	61948.38	60.0	270	-60	RC
WA69	42574.94	61973.33	40.0	270	-60	RC
WA70	42565.54	61865.10	54.0	270	-60	RC
WA71	42585.57	61865.52	60.0	270	-60	RC
WA72	42605.85	61865.84	60.0	270	-60	RC
WA73	42545.51	61864.88	60.0	270	-60	RC
WA74	42589.09	61785.24	60.0	270	-60	RC
WA75	42567.55	61784.18	60.0	270	-60	RC
WA76	42548.68	61783.55	60.0	270	-60	RC
WA77	42527.56	61782.99	60.0	270	-60	RC
WA78	42591.93	61971.61	60.0	270	-60	RC
WA79	42500.00	62140.00	60.0	270	-60	RC
WA80	42520.00	62140.00	60.0	270	-60	RC
WA81	42532.66	61907.47	60.0	270	-60	RC
WA82	42552.52	61907.87	60.0	270	-60	RC
WA83	42573.20	61907.98	60.0	270	-60	RC
WAD1	42543.69	61973.82	59.5	270	-60	DIA
WAD2	42548.77	62017.03	60.0	270	-45	DIA
WAD3	42517.33	61936.99	119.5	90	-60	DIA
WAD4	42494.78	61987.85	131.5	90	-60	DIA

Table 6 Drill hole details, ERL 97.

first intersected. Poor sample return was mainly due to fine grained lithologies which were pulverised to powder and washed out of the hole or due to the initial contact with the water table which caused clagging of the sample. The face sampling hammer overcame most of these problems and it is recommended that a face sampling hammer be used in the future for resource drilling.

A total of 1428 samples were sent to Analabs in Darwin for Fire Assay Au analysis and duplicate samples sent to Classic in Darwin for Fire Assay Au analysis as check assays. The duplicate samples were re-split from the original samples on site and were carefully selected from the anomalous mineralised zones using the Analabs results as a guide. Check assays from the RC drilling program are presented in Appendix 3 . A significant number of duplicate samples had a strong variation from the original sample. To test for the possibility of analytical error all the samples from WA62 were re-split and re-assayed by both Analabs and Classic (Appendix 3). The original assay results are plotted against the Analabs re-split results and the Classic re-split assays in Figure 8. A large number of samples again lie outside the 95% error envelope. However, when the Classic and Analabs re-split assays are plotted there is a significant improvement in correlation. This combined with the poor correlation between duplicate samples being confined to the mineralised zones and the presence of visible gold in rock-chip samples suggests that the poor correlation between duplicate samples is the result of coarse gold. Analabs carried out four screen fire assays on samples of Northern Golds choice to determine if the





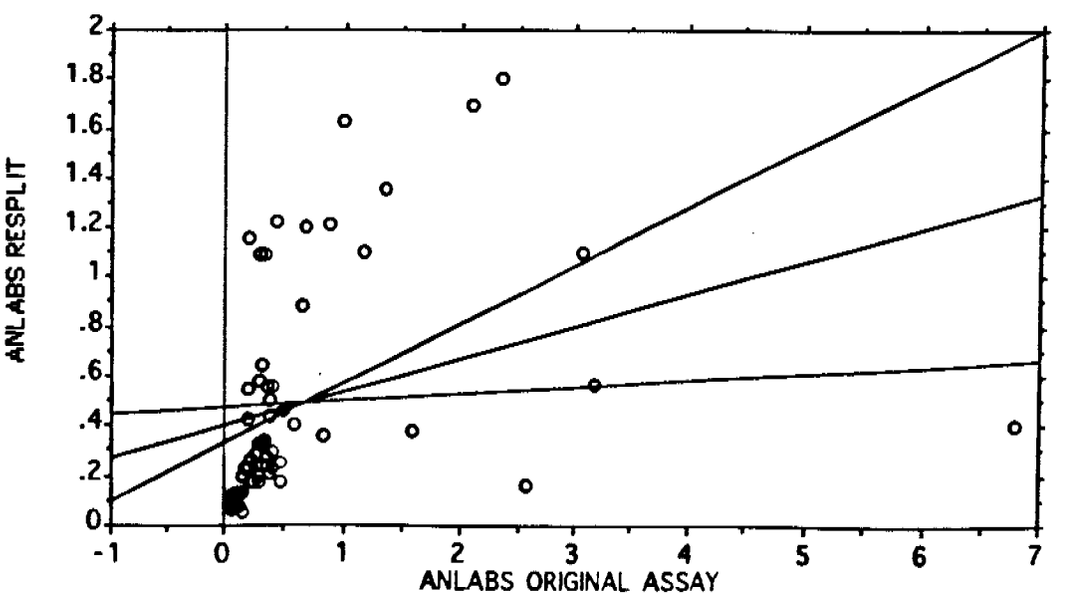


FIGURE 8 WESTERN ARM DRILL DUPLICATES WA 62

poor correlation was caused by coarse gold. The four samples selected were WA 6224 - WA 6227. The results of the screen fires are given in Appendix 4 and these indicate that between 36% and 75% of the gold in these samples is contained in the +200#, which confirms initial observations that a significant amount of the gold in the mineralised zone at the Western Arm is coarse.

Results from the drilling programme at the Western Arm prospect are very encouraging The anomalous zone of mineralisation remains open both to the north and south and now has a strike length of approximately 1 kilometre. The drilling defined a 300 metre long by 30 metre wide zone of mineralisation which is open to the north, south, east and at depth. This zone consists of a low grade envelope of 0.3-0.5 g/t Au which contains higher grade pods up to 7 metres in width that contain grades up to 24 g/t Au and average between 2.5-3 g/t. Best intersections from this zone are presented in Table 7

Ten samples were also chosen for Pb, Zn, Cu, Ag and As analyses. The results from these samples are given in Appendix 5. There appears to be no significant basemetals or arsenic associated with the mineralised zone at the Western Arm with the highest assays for each element being Pb (465 ppm), Zn (100 ppm), Cu (120 ppm), Ag (2 ppm) and As (1,390 ppm).
Four diamond drill holes were also drilled to obtain a better understanding of the mineralisation. Drill hole locations and details are presented in Figure 7 and Table 6. Summary logs and results are presented in Appendix 1 and 2. Logging of the

HOLE NO	FROM	TO	AU1
WA59	24	25	2.44
WA59	28	29	3.86
WA59	55	56	2.44
WA59	56	57	5.38
WA59	57	58	3.24
WA60	22	23	3.88
WA60	24	25	3.48
WA62	10	11	6.80
WA62	15	16	2.58
WA62	23	24	3.06
WA62	29	30	2.35
WA62	36	37	2.09
WA62	41	42	3.19
WA63	0	1	2.34
WA63	3	4	4.90
WA63	17	18	2.72
WA63	19	20	4.78
WA63	20	21	4.46
WA63	22	23	2.04
WA63	29	30	6.24
WA63	30	31	2.34
WA63	31	32	7.06
WA65	0	1	2.38
WA65	16	17	24.36
WA65	17	18	10.96
WA65	31	32	7.02
WA65	38	39	2.46
WA65	50	51	4.86
WA65	55	56	3.12
WA66	0	1	3.38
WA66	29	30	3.62
WA66	33	34	4.98
WA66	46	47	2.28
WA68	38	39	3.84
WA68	41	42	2.44
WA69	1	2	2.13
WA69	20	21	2.80
WA69	21	22	3.64
WA69	22	23	6.64
WA70	38	39	4.09
WA71	42	43	5.24
WA71	43	44	3.28
WA73	12	13	3.60
WA75	22	23	4.58
WA75	25	26	10.80
WA75	28	29	3.63
WA75	41	42	2.34
WA80	0	1	3.35
WA80	1	2	3.89
WA80	10	11	2.34

HOLE NO	FROM	TO	AU1
WA82	5	6	2.24
WA82	9	10	2.23
WA82	27	28	2.53
WA82	30	31	2.55
WA83	35	36	3.16
WA83	36	37	3.01
WA83	38	39	2.55
WA83	53	54	2.96

HOLE NO	FROM	TO	AU1
WA59	24	29	1.80
	55	59	2.88
WA60	22	25	2.48
WA63	0	4	2.15
	16	23	2.47
	29	33	4.25
WA65	16	18	17.66
	46	52	1.47
WA66	29	35	2.17
WA68	38	44	1.71
WA69	19	25	2.85
WA71	42	45	2.85
WA75	22	29	2.84
WA80	0	4	2.23
WA82	3	11	1.32
WA83	36	39	2.12

Table 7 Best results and intersections ERL 97

mineralised zones indicates that vein mineralogy consists of dominantly white/milky/clear quartz. The quartz is commonly associated with pyrite and arsenopyrite, which occur as disseminations and veinlets within the quartz veins. The quartz veins also have been fractured, infilled and veined by latter phases of quartz, K feldspar and sulphide. Wallrock alteration spatially associated with veining consists of silicification and pervasive pyritisation. Arsenopyrite is also present as wallrock alteration and within veins but is not as pervasive as the pyritisation. Visible gold has also been observed in the quartz veins in both the costeans and diamond drill core.

ML 1060 and ML 766

Bridge Creek

Drilling completed at Bridge Creek during 1991 included 13 RC drill holes for a total of 1010 metres and 2 diamond drill holes for a total of 210.5 metres. Drill hole locations and details are presented in Figure 9 and Table 8. Drill hole logs and results are presented in Appendix 1 and 2 respectively.

The RC drilling program was halted because of slow drilling rates which were unacceptable to both Northern Gold and Gaden Drilling. The slow drilling rates were the result of: 1. an underpowered drill rig and compressor, 2. Problems with bogging below water table due to small diameter drill rods being used with larger diameter hammer and 3. broken ground. This was addressed promptly by the contractors who bought a larger compressor (a Sulair 750/350 plus booster) from another job to the Bridge Creek drill site. This increased the drilling rate and eased the problems associated with the large volumes of water encountered below the water table. Although the drill rate was increased the drilling program was stopped early as the rate was still unacceptable.

The drill rig used was a Warman 1000 with a Sulair compressor rated at 650CFM and 250 PSI, both of which were mounted on a MAN 6x6 truck. A smaller 4x4 truck was used as a support vehicle and carried rods, fuel and water tanks. Gaden supplied an experienced driller, a drillers offsider and a sampler/water truck driver. Northern Gold supplied a Geologist and a field assistant to assist with the sampling.

59100m N
59000m N
58900m N
58800m N
44900m E
44900m E
44800m E
44800m E
44700m E
59100m N
59000m N
58900m N

×BCD7
×BCP154
×BCP147
×BCP150
×BCP151
×BCP151A
×BCP135
×BCP139
×BCP142
×BCP145
×BCP148
×BCP136
×BCD6
×BCP146
×BCP137

Northern Gold NL

BRIDGE CREEK 1991
DRILL HOLE LOCATIONS

SCALE	DATE	SHEET
1: 1000	30/04/92	1 of 1
	REF No.	
	Plotted with MICROMINE	

FIGURE 9

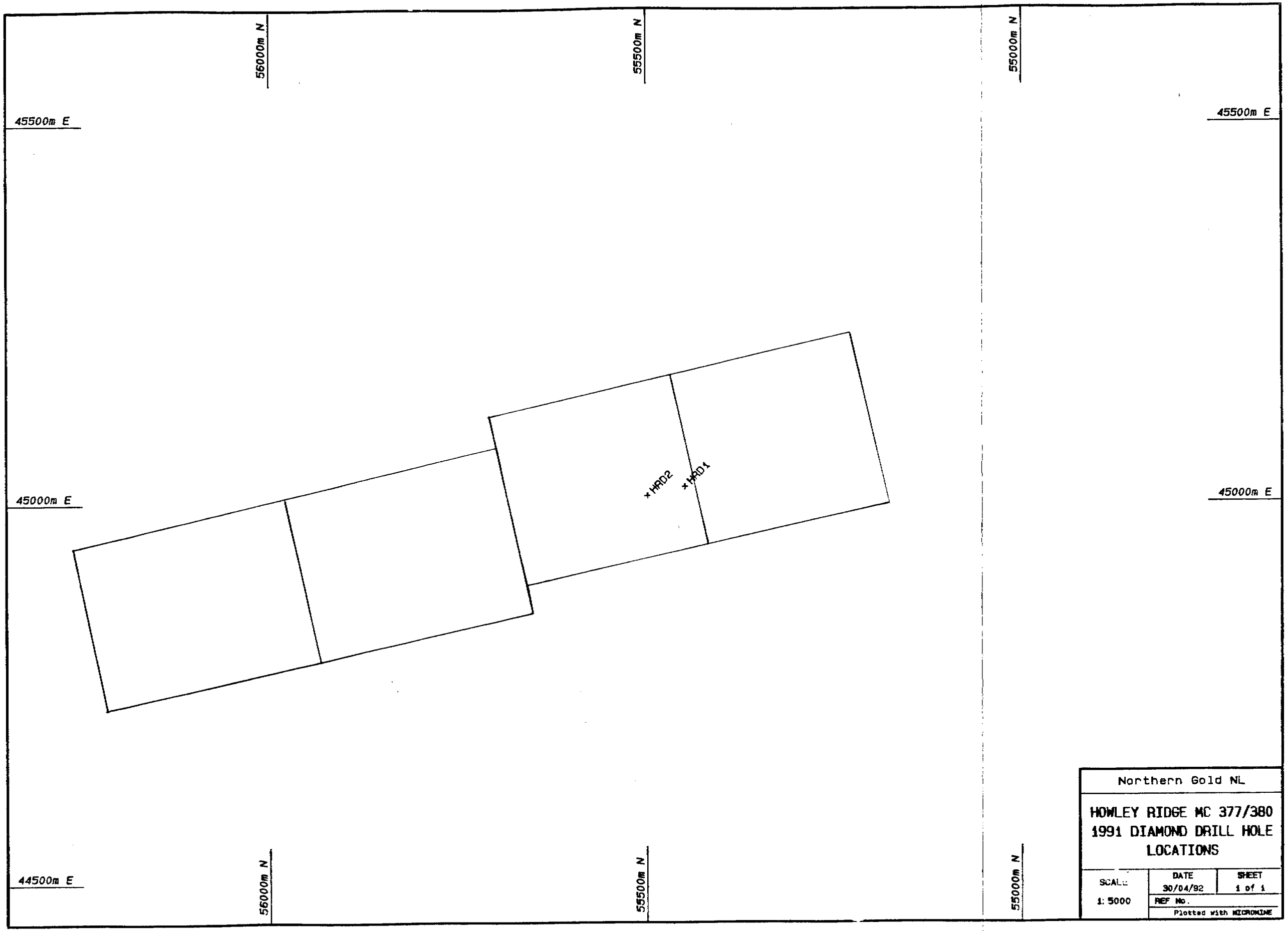
HOLE NO	EASTING	NORTHING	DEPTH	AZIMUTH	DIP	TYP
BCP135	44798.80	59022.00	70	90	-60	RC
BCP136	44778.20	59021.90	100	90	-60	RC
BCP137	44758.40	59021.70	78	90	-60	RC
BCP139	44788.40	58980.90	102	90	-60	RC
BCP142	44788.20	58960.70	102	90	-60	RC
BCP145	44788.40	58940.60	102	90	-60	RC
BCP147	44810.20	58923.10	72	90	-60	RC
BCP148	44788.40	58922.40	102	90	-60	RC
BCP150	44810.20	58901.00	78	90	-60	RC
BCP151	44796.30	58900.90	91	90	-60	RC
BCP151A	44792.80	58900.00	29	90	-60	RC
BCP154	44833.50	58879.70	79	270	-60	RC
BCP146	44770.20	58941.20	25	90	-60	RC
BCD6	44778.90	59012.20	101	90	-60	DIA
BCD7	44877.10	58860.50	110	270	-60	DIA

Table 8 Drill hole details, Bridge Creek.

From the RC drilling a total of 1010 samples were sent to Analabs in Darwin for Fire Assay Au analysis.

Two diamond holes were drilled as an alternative to the remainder of the RC holes and these were targeted to aid interpretation of the RC drilling results to date and review ground conditions for future RC resource drilling. The first diamond hole was targeted on the higher grade mineralisation intersected on 59000N and was collared 10 metres to the north of the section at 44780E and drilled towards 90 degrees true at -60 degrees to a depth of 100.5 metres. The second diamond hole was drilled to target the mineralisation encountered in BCP 154 and to test the northern extension of mineralisation encountered on section 58850N. This was collared at 44880E on section 58860N and drilled at -60 degrees towards 270 degrees true to a depth of 110 metres. Both holes intersected significant sulphide mineralisation. Minor basemetal rich veins were also identified in the core. As a result 50 samples from BCP 136 were re-assayed for Pb, Zn, Cu, Ag and As. The results from this are given in Appendix 6. Significant As (9,900 ppm), Pb (1,400 ppm), Ag (6.1 ppm) and Zn (9,970 ppm) occurs in quartz veins associated with the contact between the Zamu dolerite and the Gerowie Tuff, however these base-metal rich veins have a poor correlation with the gold bearing veins. Summary logs for the diamond holes are presented in Appendix 1.

Two short diamond triple tube holes were completed at the Nugget prospect. These holes were planned to follow-up the mineralisation encountered in HR 22 and 49 drilled in the previous years program. Drill locations and details for both holes are given in Figure 10 and Table 9. Drill logs and results are given in Appendix 1 and 2. The diamond holes failed to duplicate the high grade results obtained in the previous RC holes.



Northern Gold NL		
HOWLEY RIDGE MC 377/380 1991 DIAMOND DRILL HOLE LOCATIONS		
SCALE 1:5000	DATE 30/04/92	SHEET 1 of 1
	REF No.	
	Plotted with MICROMINE	

FIGURE 10

HOLE NO	EASTING	NORTHING	DEPTH	AZIMUTH	DIP
HRD2	45009.20	55499.00	30	90	-45
HRD1	45021.00	55450.00	27	90	-45

Table 9 Drill hole details, Howley Ridge

CONCLUSIONS AND RECOMMENDATIONS

The results of the drilling programs in EL's 6494, 6699 and MCN 3278 were successful in terms of defining bedrock mineralisation in all of the targeted areas. future work will be aimed at better defining the extent of the mineralisation at the Beacon Hill and Midway anomalies with the view of defining possible resources.

Drilling conducted on EL 5065 was generally dissapointing in that only weak or narrow zones of bedrock mineralisation were encountered. As a result no further work is to be done on these areas.

The resource drilling conducted on ERL 97 was successful in proving extensions to the known zones of economic Au mineralisation. As a result a program of infill drilling with the aim of defining a indicated resource is to be recommended for the near future.

Drilling on ML 1060 and ML766 proved to be difficult with problems with equipment and ground conditions causing early cessation of the planed program. A reassessment of the mineralisation and proposed drilling program is needed before any further work is conducted.

APPENDIX 1

Drill hole logs

I-13 Undifferentiated Intrusion

Pgr-13 Granite

Pga-13 Adamellite

Pgg-13 Granodiorite

Pgs-13 Syenite

Pdz-45 Zamu dolerite

Pgz-45 Zamu gabbro

Pgsh-51 Garnet-mica schist

Pgm-58 Greywacke/mudstone

Pgf-58 Feldspathic greywacke

Pgt-58 Lithic greywacke

Pgq-58 Quartz greywacke

Pgs-58 Greywacke/siltstone

Pca-26 Conglomerate:angular clasts

Pcr-26 Conglomerate:rounded clasts

Psl-7 Siltstone

Psg-7 Siltstone/greywacke

Pmi-48 Mudstone/ironstone/chert

Pmg-61 Mudstone/greywacke

Pm-56 Mudstone

Mudstone with nodules

Iron stone

Pcs-29 Chert/siltstone

Pms Mudstone/siltstone-tuff

Psm Siltstone-tuff/mudstone

Psc-29 Siltstone/chert

Pvt-29 Tuff

Pqp-9 Quartz porphyry

Pdi-9 Diorite

Pdl-9 Lamprophyre

Psh-54 Shale

Pshb-54 Shale breccia

Pshc-53 Carbonaceous shale

Pshg-53 Gossanous shale

Pcm-29 Massive chert

Ps-3 Sandstone

Pca-34 Carbonate

Pph/ Phyllite/precursor

Pcl/ Chlorite schist/precursor

Pp Pegmatite

Alteration

Sulphide-S

Chlorite-Ch

Silicification-Sl

Albite-Ab

Carbonate-Ca

Biotite-B

Bleaching-Bl

K-feldspar-K

Muscovite-M

Sericite-Sc

Ore Mineralogy

Pyrite-Py

Pyrrhotite-Po

Gold-Au

Chalcopyrite-Ch

Bornite-Bo

Covellite-Co

Malachite-Ma

Galena-Ga

Sphalerite-Sph

Arsenopyrite-As

Tourmaline-T

Marcasite-M

KKK K-feldspar-K

Structure

Bedding

Axial Planar Foliation

Shearing

Folding

Fault

Crenulation

Quartz Vein

Laminated Vein

Vughy Vein

Lineation

Younging

Breccia-Brc

Boundins-B

Fractures-Fr

Stockwork-S

Stylolites-Sty

* Undifferentiated Units

Recent lithologies prefixed: C-Cambrian-Ordovician-Permian, M-Mesozoic

EL 5065

POSSUM PROSPECT

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. PS1 PROSPECT. POSSUM

TENEMENT. MCN 3423 LOGGED BY. G.A.P

CO ORDINATES. 10174 E CROSS SECTION. 10420 E

10420 N LONG SECTION. N

1045 RL

DRILL HOLE TYPE. RC COMPLETED/ABANDONDED

DRILL RIG. GADEN 650-1 DRILLER. S. HAGGISS

DATE STARTED. 29.5.91 FINISHED. / /

COLLAR INCLINATION. 45° DIRECTION. 270°

SAMPLE SERIES from. PS1-01 to. PS1-60

WATER FLOW (est) .....(gph)

REMARKS: Collar moved 9m east. Pre-calls to 60m

SUMMARY LOG:

PS 1

99m

SEE PS2 LOG DESCRIPTION FOR Pgf OF Ps1.

NORTHERN GOLD N.L.

HOLE No. PS1

DRILLING LOG SHEET

PRE - COLLAR

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
0 - 1	PS1-01	RC		Lat oxidized } Red Soil
2	02	"		
3	03	"		Pgf
4	04	"		Ps1
5	05	"		Pgf tr qtz.
6	06	"		Pgf
7	07	"		Pgf: some white clay
8	08	"		Ps1 / Pgf.
9	09	"		Pgf.
10	10	"		Pgf
1	11	"		Pgf
2	12	"		Pgf
3	13	"		Pgf
4	14	"		Pgf
5	15	"		Ps1
6	16	"		Pgf
7	17	"		Pgf
8	18	"		Pgf
9	19	"		Pgf
20	20	"		Pgf
1	21	"		Ps1
2	22	"		Ps1
3	23	"		Pgf
4	24	"		Pgf
5	25	"		Pgf
6	26	"		Pgf
7	27	"		Pgf
8	28	"		Pgf / Ps1
9	29	"		Ps1
30	30	"		Ps1

Oxidized (0 – 15)

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. PS1.....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
30 – 31	31	RC		Ps1
2	32	"		Ps1
3	33	"		Ps1 tr qtz
oxidized 4	34	"		Ps1
5	35	"		Ps1
6	36	"		Ps1 5% qtz
7	37	"		Fresh Ps1
8	38	"		Ps1
9	39	"		Ps1
40	40	"		Pgt
1	41	"		Pgf / Ps1
2	42	"		Pgf / Ps1
3	43	"		Ps1
4	44	"		Pgf: - altered tr qtz.
5	45	"		Ps1
6	46	"		Ps1
7	47	"		Pgf: altered
8	48	"		Pgf: unaltered
9	49	"		Ps1 / Pgf.
50	50	"		Pgf
1	51	"		Ps1
2	52	"		Ps1
3	53	"		Pgf: altered tr qtz.
4	54	"		Pgf
5	55	"		Ps1
6	56	"		Ps1
7	57	"		Ps1
8	58	"		Ps1
9	59	"		Ps1
60	60	"		Ps1

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DIAMOND DRILL LOG SHEET

HOLE NO. PS1

out by 1 m measurements taken from measuring the core two ways.

GRAPHIC LOG

FROM	TO	SAMPLE	TYPE	AU	DRILL LOG	METRES	ROCK	ALT.	STRUCTURE
60	60.34	14024	NQ		Sheared Psh q.v. at 60	60			
60.34	62.06		"		Laminated Psh fracture zone at 61.4 m.				
62.06	62.21		"		Fracture zone in Psh.				
62.21	62.53	[redacted]	"		broken Psh				
62.53	62.0	14025	"		Sheared Psh q.v. + py at 62.6 (5cm) + q.v.		Psh		
63	63.84		"		Laminated Psh.	65			
63.84	64.0	14026	"	L	Sheared Psh + 1cm laminated q.v.				
64	64.5		"		Laminated Psh.				
64.5	65.16	14027	"	0.02	Sheared Psh q.v. stockworks (mm)				
65.16	65.8				Laminated Psl q.v. at 65.6 (1cm) py.				
65.8	66.34	14028		L	Sheared Psh q.v. stockworks up to 1cm	70			
66.34	66.58				Laminated Psh				
66.58	66.95	14029		L	Sheared Psh mm q.v. stockworks				
66.95	67.48	14030		0.02	Fractured Psh numerous 1cm laminated q.v.				
67.48	67.7		"		Pgf fine grained - medium grained (grading up hole)				
67.7	68.2				Psl py along fractures	75			
68.2	69.52	14031		0.02	Pgf q.v + py at 68.58		Pgf		
69.52	69.94				fine Pgf grading into Psl up hole				
69.94	70.81				Psl grading to Psh up hole q.v. at 70.12 (1cm)		Psl	py	
70.81	71.71				coarse Pgf q.v in upper contact				
71.71	72.01				Pgf grading to Psl up hole	80	Pgc		
72.01	72.51				Coarse Pgf grading to Psl up hole				

V/1 FAULT So

NORTHERN GOLD N.L.

DIAMOND DRILL LOG SHEET

HOLE NO. PS1

GRAPHIC LOG

FROM	TO	SAMPLE	TYPE	AU	DRILL LOG	METRES	ROCK	ALT.	STRUCTURE
72.51	72.98				Pgf coarse grading to Psl up hole. Q.V. at 72.7		Pgf	Py	
72.98	74.13				V. coarse Pgf grading to Psl at 73.15.		Pgf		
74.13	76.57				Fine to medium Pgf		Psl		
76.57	77.5				Psl py laminae at 77.17.	85			
77.5	77.7	14032		0.02	sheared Psl massive py vein + 1cm q.v. 5cm.				
77.7	78.64				Broken Psl minor mm q.v at 78.28				
78.64	81.96				Pgf. q.v on upper contact some v. coarse zones.				
81.96	82.69				Pgf medium grading to Psl up hole				
82.69	83.25				Psl broken + q.v. at 82.75-83 (1cm-mm)	90	Pgf	Py	
83.25	84.7				Psl laminated minor q.v. at 84-84.2 mm.		Pgf		
84.7	88.79	14033		0.03	Pgf. q.v at 84.8		Psl		
88.79	89.32				Pgf grading to Psl top contact very fractured		Pgf		
89.32	90				Pgf grading to Psl bottom contact x-cutting coarse grained		Psl Pgf		
90	90.92				Pgf grading to Psl bottom contact-X veins at 90.1 mm to Py.	95	Psl		
90.92	93.05				Pgf grading to Psl q.v. 1cm 1cm at 91.2.		Pgf		
93.05	93.25				Pgf fine grained		Psl		
93.25	93.4	[illegible]			Psl broken minor py.				
93.4	93.5	14034		5.94	Pgf medium grained		Pgf		
93.5	93.6	14034		5.94	Psl + 5cm 1cm q.v. + Py.	100			EOH
93.6	95.6				Pgf coarse at base grading to Psl				
95.6	99.45				Pgf grading to Psl at 96.5. 1cm q.v. 1cm at 96.45				
	EOH								

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. PS2 ..... PROSPECT. POSSUM .....

TENEMENT. MCN3423 ..... LOGGED BY. GAP .....

CO ORDINATES. 10172 E CROSS SECTION. 10400 E

10400 N LONG SECTION. N

1045 RL

DRILL HOLE TYPE. RC/DD COMPLETED/ABANDONDED

DRILL RIG. GADEN 650-1 DRILLER. S. HARNESS

DATE STARTED. 29./.5./.91. FINISHED. ./. ./.

COLLAR INCLINATION. 60° DIRECTION. 273

SAMPLE SERIES from. PS201 to. PS260

WATER FLOW (est) .....(gph)

REMARKS: COLLAR MOVED 7m EAST. PRECOLLAR TO 59m. SAMPLED EVERY 2m DURING PRECOLLAR.

SUMMARY LOG:

PS 2

99m

NORTHERN GOLD N.L.

HOLE No. P.S2....

PRECOLLAR

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
0 - 1	PS201	RC	0.016	Red Soil.
2	PS02	|	0.008	Pale green sericitic siltstone
3	03	|	L	Grey-green oxidized feldspar greywacke
4	04	|	0.014	Oxidized siltstone/greywacke.
5	05	|	0.066	Oxidized siltstone
6	06	|	0.008	oxidized siltstone with minor pugy white clay
7	07	|	0.016	Pgf :- minor qtz.
8	08	|	0.032	Psl :- laminated tr qtz.
9	09	|	0.016	Pgf : - tr qtz
10	10	|	L	Psl :- 10% qtz
1	11	|	0.006	Psl :- very red stiff oxidized
2	12	|	0.01	Psl: some white clay.
3	13	|	0.064	Pgf: very Red
4	14	|	0.01	Pgf: highly oxidized with white clay
5	15	|	L	Pgf: " " " "
6	16	|	L	Psl
7	17	|	0.006	Pgf
8	18	|	L	Pgf
9	19	|	0.008	Pgf
20	20	|	0.024	Pgf
1	21	|	L	Pgf : 30% qtz
2	22	|	L	Pgf : 50% qtz
3	23	|	0.006	Pgf
4	24	|	L	Pgf
5	25	|	L	Psl
6	26	|	L	Psl linear foliation quite sericitic
7	27	|	0.006	Pgf
8	28	|	L	Pgf
9	29	|	0.012	Pgf :- tr qtz
30	30		0.006	Pgf : grey

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

Pgf : [illegible] medium grained greywacke with up to 2mm feldspar clasts [illegible]
Psl :- well laminated sericitic siltstone (pink colour). Mica defines

NORTHERN GOLD N.L.

HOLE No. PS2

PRECOLLAR

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
31	31	RC	L	Ps1 :- unoxidized not siltstone :- slate.
2	32		L	Ps1
3	33		L	Ps1
4	34		L	Pgf :- 5% qtz.
5	35		0.006	Ps1 :- Tr qtz.
6	36		L	Ps1 :- 5% qtz.
WATER 7	37		0.008	Ps1 :- 5% qtz
8	38		L	Ps1
9	39		L	Pgf :- altered honey green (sericite?)
40	40		L	Ps1 :- strong lineation
1	41		L	Ps1
2	42		L	Ps1 :- Tr qtz.
3	43		0.034	Ps1 :- Tr qtz
4	44		0.008	Ps1 AATA
5	45		0.006	Pgf: silicified very altered 60% QTZ.
6	46		L	Pgf. " " " 60% QTZ ± oxidized sulphide.
7	47		L	Pgf: " " " " " Pyrite visible
8	48		L	Pgf: " " " " "
9	49		L	Ps1
50	50		L	Pgf
1	51		L	Pgf :- very altered 60% qtz ± sulphide?
RC) Bogged 2	52		0.006	Pgf " " 10% qtz ± sulphide 2.5 oxidized
3	53			
4	54			
5	55			
6	56			
7	57			
8	58			
9	59			
60	60			

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DIAMOND DRILL LOG SHEET

HOLE NO. Ps2

GRAPHIC LOG

FROM	TO	SAMPLE	TYPE	AU	DRILL LOG	METRES	ROCK	ALT.	STRUCTURE	S shear. fracture
53	53.75		NQ		Sheared Psh. little kink bands TS Py			Py		So
53.75	54.35				Fractured well bedded Psh	55		Py		
54.35	54.55				Sheared Psh			Py		crenulated
54.55	54.60				Laminated Psh			Py		
54.6	55				Sheared Psh minor mm q.v. stockwork 1% Py.					
55	55.3				Laminated Psh minor fractures			Py		
55.3	55.45				Sheared Psh with 5cm laminated q.v. 2% Py	60		Py		
55.45	61.67				Laminated Psh [illegible] + 1% Py at 56.8, 58.6, 59.8, 61			Py		
61.67	61.87				Sheared, broken Psh mm q.v. stockwork Tr Py.			Py		
61.87	63.75				Laminated Psh, minor fractures.		Psh			
63.75	63.95				Sheared Psh minor mm q.v.					So crenulated
63.95	64.2				Laminated Psh	65		Py		shear fractures
64.2	64.3				Sheared Psh crenulated 5% Py minor mm q.v.			Py		
64.3	64.4				Laminated Psh			Py		crenulated
64.4	64.5				Laminated q.v. in sheared Psh. 2% Py.					
64.5	64.8				Laminated Psh					laminated q.v.
64.8	65.74				Broken fractured sheared Psh 3% Py on fractures.	70		Py		laminated q.v.
65.74	66.35				Laminated Psh			Py		
66.35	66.65				Sheared and fractured Psh crenulated Py bands		Psl Pgl			
66.65	68.3				Laminated Psh		Pgl			
68.3	68.6				Brecciated sheared Psh + q.v. Tr Py.		Pgl			
68.6	69				Laminated Psh	75	Pgl			

NORTHERN GOLD N.L.

DIAMOND DRILL LOG SHEET

HOLE NO. PS2

FROM	TO	SAMPLE	TYPE	AU	DRILL LOG	METRES	ROCK	ALT.	STRUCTURE
69	69.65				Sleved Bsh 4-5cm q.v. Tr. Py.		Pgf / Psl		Sch
69.65	69.9				Laminated Bsh highly fractured.				
69.9	70.05				Sleved Bsh. mod q.v. veinlets		Pgf		
70.05	70.25				Laminated Psh		Psl		Sch
70.25	70.82				Sleved Bsh + Laminated q.v. at Pgf contact.	xx	Pgf		
70.82	71.86				Pgf grading up hole very coarse at base			ly	
71.86	72.28				Pgf grading to Psl up hole		Psl	sy	
72.28	73.05				Psl sleved + mm q.v at 76.6 10cm wide				
73.05	73.84				Pgf grading to Psl				
73.84	74.39				Pgf grading to Psl	75	Pgf		
74.39	74.86				Pgf grading to Psl		Pgf / Psl		
74.86	75.47				Pgf grading to Psl 1cm q.v at 75.12.		Pgf / Psl		
75.47	77.79				Coarse Pgf grading to Psl at 75.82.		Psl / Pgf		
77.79	79.68				Pgf grading to Psl at 78.81m		Psl		
79.68	85.37				Pgf(coarse) grading to Psl at 82.51, Sleved + q.v. tr. Py. at 81-81.4 Barren q.v. at 82.6-83.1	qv	Pgf		
85.37	85.82				Pgf grading to Psl				
85.82	86.38				Pgf grading to Psl		Pgf / Psl	cy	1cm q.v
86.83	87.61				Psl mm q.v at 86.57 tr. Py.				
87.61	87.81				Pgf medium grained		Psl / Pgf	Psl	vugly q.v
87.81	91.28				Pgf coarse grading to Psl at 88. Barren q.v. at 88	96	Pgf		
91.28	93.27				Pgf grading to Psl at 91.4. 1cm q.v. at 91.3.		Pgf / Psl		
93.27	93.47				Sleved Psl +5cm q.v. vugly tr. Py		Pgf		

GRAPHIC LOG

NORTHERN GOLD N.L.

DIAMOND DRILL LOG SHEET

HOLE NO...........

GRAPHIC LOG

FROM	TO	SAMPLE	TYPE	AU	DRILL LOG	METRES	ROCK	ALT.	STRUCTURE
93.47	94.67				Pgf (0.5m) grading to Psl q.v. at 94.2 (barren)		~~[illegible]~~	py (SILICIFIED)	lam q.v.
94.67	95.28				Pgf grading to 10cm Psl ~~[illegible]~~	99	Pgf	EOH	
95.28	95.48				Psl laminated poss fault contact				
95.48	99				Silicified Pgf 10cm Psh at 97.73				
					laminated q.v. 15cm at 97.53.				

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. PS 3 PROSPECT. Possum

TENEMENT. MCN 2423 LOGGED BY. GAP

CO ORDINATES. 10151 E CROSS SECTION. 10360 E

10360N N LONG SECTION. N

1045 RL

DRILL HOLE TYPE. RC/DD COMPLETED/ABANDONDED

DRILL RIG. GADEN 650-1 DRILLER. S. HAGGISS

DATE STARTED. 30/5/91 FINISHED. / /

COLLAR INCLINATION. 45° DIRECTION. 270

SAMPLE SERIES from. PS3-01 to. PS3-60

WATER FLOW (est) .....(gph)

REMARKS: Collar moved 5m east. Pre collar RC to 40m

SUMMARY LOG:

PS 3

99m

NORTHERN GOLD N.L.

see PS2 for description of Psl Pgf. PS3

HOLE No. PS3....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
0 – 1	01	RC		Red Soil.
2	02	"		Red Soil
3	03	"		Pgf: very weathered & oxidised
4	04	"		Pgf: white clay.
5	05	"		Psl: lime green colour.
6	06	"		Psl: tr. qtz
7	07	"		Pgf:- 30% qtz.
8	08	"		Pgf: 10% qtz 5% Psl
9	09	"		Pgf: 10% Psl.
10	10	"		Psl / Pgf.
1	11	"		Psl
2	12	"		Psl
3	13	"		Pgf:- 25% qtz.
4	14	"		Psl
5	15	"		Psl
6	16	"		Pgf.
7	17	"		Pgf: schistose altered
8	18	"		Psl
9	19	"		Pgf
20	20	"		Psl
1	21	"		Pgf: granular atz rich
2	22	"		Psl
3	23	"		Pgf
4	24	"		Pgf
5	25	"		Pgf
6	26	"		Pgf altered 15% qtz
7	27	"		Pgf.
8	28	"		Pgf tr qtz.
9	29	"		Pgf 15% qtz.
30	30	"		Pgf

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. AS3

DRILLING LOG SHEET

PS3

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
30 - 31	31	RC		rs1
Fresh. 2	32	"		Pgf
3	33	"		Pgf
4	34	"		Ps1
5	35	"		Ps1
6	36	"		Ps1
7	37	"		Ps1
8	38	"		Ps1
9	39	"		Ps1
40	40	"		
End Pre-Collar 1	41	"		
2	42	"		
3	43	"		
4	44	"		
5	45	"		
6	46	"		
7	47	"		
8	48	"		
9	49	"		
50	50	"		
1	51	"		
2	52	"		
3	53	"		
4	54	"		
5	55	"		
6	66	"		
7	57	"		
8	58	"		
9	59	"		
60	60	"		

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DIAMOND DRILL LOG SHEET

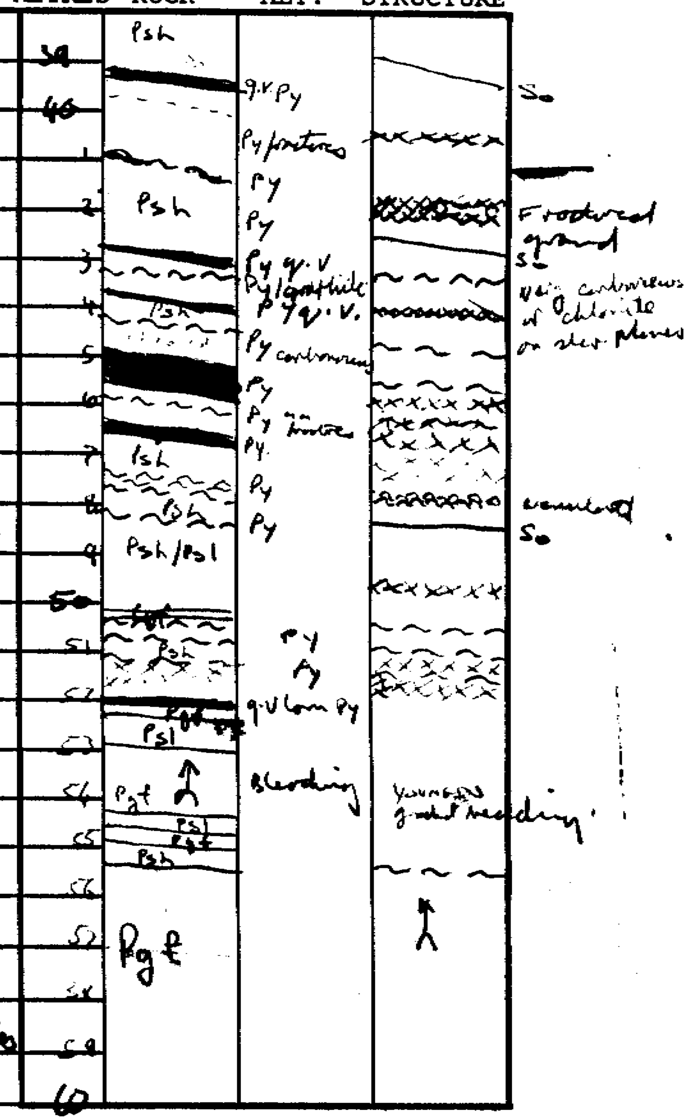
HOLE NO. PS3

·40
% recovery

FROM	TO	SAMPLE	TYPE	AU	DRILL LOG
39	39.3	13906	NQ	L	Psh - [illegible] of bedding planes
39.3	39.4	13907	"	L	Psh + 1cm q.v. pyrite on fracture planes.
39.4	41.6	13908	A&B	L	Psh laminated, small fracture 3mm at 41m + pyrite
41.6	42.6	13909	"	0.006	Psh minor fractures
42.6	42.8	13910	"	L	1cm q.v. laminated in Psh py + fractures
42.8	43.1	13910		L	laminated Psh.
43.1	43.2	13910		L	sheared Psh [illegible] and [illegible]
43.2	43.4	13911		L	Psh laminated.
43.4	43.65	13912		L	shear 5cm laminated q.v. Psh
43.65	43.8	13912		L	Psh veined stockwork veins to MM.
43.8	44.25	13912		L	Psh very fractured 5cm veins + py. veins to 5cm
44.25	46.8	13913		L	sheared graphite/chlorite Psh.
44.8	45.2	13914		L	q.v white [illegible] wall rock inclusions py
45.2	45.6	13915		L	Psh fracture zone 2cm shear at 45.5
45.6	46.4	14001		L	Psh very fractured MM py + q.v.
46.4	46.6	14002		0.01	q.v. [illegible] sulphide rich.
46.6	47.15	14003		0.01	Psh fractured
47.15	47.55	14004		L	sheared Psh [illegible] sulphide stockworks.
47.55	48	14005		0.006	Psh laminated
48	48.3	14006		0.008	sheared crushed Psh + q.v. + Py
48.3	49.3	14007		0.008	Psl laminated interbedded siltstone [illegible]
49.3	49.7	14008		0.006	Psh fractured [illegible] veinlets + py.

GRAPHIC LOG

METRES ROCK ALT. STRUCTURE



NORTHERN GOLD N.L.

DIAMOND DRILL LOG SHEET

HOLE NO. PS3

FROM	TO	SAMPLE	TYPE	AU	DRILL LOG
49.7	50.15	14009	NQ	L	Psh 3cm Pgf at 50.1
50.15	50.7	14010	"	0.01	altered Psh q.v. stockwork veins to 5cm
50.7	50.9	14011	"	0.008	fractured Psh
50.9	51.2	14011	"		altered Psh minor q.v.
51.2	51.65	14012	"	0.018	Psh fractured veins q.v. to 1cm Py.
51.65	51.9	14013	"	0.046	Laminated Psh.
51.9	52.1	14014	"	4.78	laminated q.v.
52.1	52.4				Pgf with very [illegible] barren q.v.
52.4	52.85				Psl laminated [illegible] Py on fractures
52.85	54.2				Pgf grading bedding beds right way up.
54.2	54.45				laminated Psl Py on fractures
54.45	54.8				Pgf :- fine grained
54.8	55.3				Psh well laminated sheared at 55
55.3	62.25				Pgf graded up hole fine grained [illegible]
62.25	62.35				Psh laminated
62.35	62.6	14015			Psh fractured ± q.v + Py mm
62.6	63	14015		0.048	Psh laminated
63	63.2	14015			laminated q.v. 2cm Py layer
63.2	63.5				laminated Psh
63.5	66.9				coarse grained Pgf.
66.9	68.[illegible]				poorly laminated siltstone
[illegible]	68.2				Fractured veined (1mm) Psl + Py

GRAPHIC LOG

METRES	ROCK	ALT.	STRUCTURE
61–82	Pgf; Psh; Psh; Pgf graded; Psl; Pgf; Psl; Pgf; Psl; Pgf; Psl; Pgf; Psl	Py; Py; Py; Tr Py; q.v Py	xxxxxxx laminated q.v. +Py; xxxxxx; So

NORTHERN GOLD N.L.

DIAMOND DRILL LOG SHEET

HOLE NO. PS3

GRAPHIC LOG

FROM	TO	SAMPLE	TYPE	AU	DRILL LOG	METRES	ROCK	ALT.	STRUCTURE
68·2	69·4				Pgf medium grained graded upHole.		Psl		
69·4	70·1				Psl Poorly laminated fine grained		Pgf		
70·1	70·3				fractured Psl 1cm q.v. + Py				
70·3	75·9	140116	(703-708)	0·008	Pgf fractured + Py alteration				
75·9	77·2				Psl minor fractures 5cm bedding				
77·2	79·6				Pgf conjugate fractures minor Py				
79·6	79·8				Psh + laminated q.v. Py + chlor.		Psh		
79·8	81·6				Pgf not fractured		Psl		
81·6	82·5				Psl laminated			Py	
82·5	87·9				Pgf conjugate fractures at 64·5 - 66·2 + minor q.v.		Psl		
87·9	88·9				Psh. laminated dark pgf beds. (5cm)			Py	
88·9	90·7				Psl fine grained grading to medium grained		Psl		
90·7	91·4				Psl fine grained fractured + Py + qtz mm.				
91·4	93·4				Psl fine - medium grained q.v at 92				
93·4	99·0				Pgf coarse to medium grained graded		Pgf		
							EOH		

EL 6494

GOLDEN WALL PROSPECT

NORTHERN GOLD N.L.

HOLE No. GW21...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	Qtz
1	14298			Rd Br Sad with Quartz & Qtz float	tr
2					LV
3	14299			Blue Grey chert tr Qtz	tr
4				minor Gwtz.	tr
5				↓	tr
6				Br Grey Gwtz with minor chert	
7					
8					
9					
10					
1					
2					
3					
4					
5					
6					
7					
8					
9					
20	14307			20m	
1				EOH	
2					
3					
4					
5					
6					
7					
8					
9					
0					

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. GW 22

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	
1	14288 [			Br Sand + Gwtz + Chert Qtz float	2
2					2
3				Gwtz Br with minor chert, Qtz	tr
4	[				tr
5	[				tr
6	[				tr
7	[				tr
8	[				tr
9	[			Grey Br Gwtz with to 5% chert minor Qtz	tr
10	[				
11	[				
12	[				
13	[				
14	[			Blue Grey chert, minor Gwtz	
15	[				
16	[				
17	[				
18	[				
19					
20	14297 [				
21					
22				EoH	
23					
24					
25					
26					
27					
28					
29					
30					

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. GW23

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	
1	14279			Br wh clast + Rd Qwtz tr Ox	tr
2					tr
3					tr
4				Blue/Grey clast + Qwtz wh/clear	5
5				" " "	30
6				" " "	5
7				" " "	85
8				" " "	2
9				" " "	1
10				Blk clast + Br Qwtz	
1				Br Qwtz + minor Gry clast wh/clear	5
2				" " "	10
3				" " "	5
4				Br Qwtz + Minor Gry/Blue clast	
5					
6					
7	14287			17m	
8				EOH - wet	
9					
20					
1					
2					
3					
4					
5					
6					
7					
8					
9					
0					

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. GW 24

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	
1	1426			Br Qmtz in Br Soil + Qtz float	2
2				↓	2
3				Blue Grey chert minor Qmtz + tr Qtz	tr
4					tr
5					tr
6					tr
7					tr
8				Br Qmtz minor chert	
9				Blue Grey chert wk/clear 1 Py	1
10				↓	
1				Br Yellow Grey Qmtz, minor chert with up to 2% wk Qtz	2
2					2
3					2
4					2
5					2
6				Blue Grey chert, minor Qmtz Qtz to 1% locally trace with Vio Py throughout	tr
7					tr
8					tr
9					tr
20	1427				tr
1				20 EOH	
2					
3					
4					
5					
6					
7					
8					
9					
0					

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. GW25

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	Qtz
1	14259 [			wt Grey chert + Qtz float.	S
2				↓	S
3	[			Orange grey Gwtk massive ↓ chert	
4				↓	
5	[			Br chert	
6				Br/Blk clay / wt clay ↓ Gwtk wt	S
7	[			50 Qtz (clear) in Br Blk Gwtk.	50
8				Br Blk Gwtk + minor chert tr Qtz	tr
9	[			Br Purple chert	
10				↓	
1	[			↓	
2				Meta ochist (altered Gwtk)	
3	[			↓	
4				Blue grey chert + tr Qtz to 1% Py	tr
5	[			↓	tr
6				↓	tr
7	[			↓	tr
8				↓	tr
9	14268 —			↓ 19m	tr
20					
1				EOH wet.	
2					
3					
4					
5					
6					
7					
8					
9					
0					

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

ERL 97

WESTERN ARM

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA59 . . . . . PROSPECT. Western Arm . . . . . .

TENEMENT. . . . . LOGGED BY. W Looper . . . . . .

CO ORDINATES. . 4.2550 . . . . E CROSS SECTION. . . . . E

. . . 62000 N . . N LONG SECTION. . . . . N

. . . . . RL

DRILL HOLE TYPE. . RC . . . . . COMPLETED/ABANDONDED

DRILL RIG. Universal 650 . . . DRILLER. GADAM . . . (SID) . . . . .

DATE STARTED. . 4./.6./.91. FINISHED. . 4./.6./.91. .

COLLAR INCLINATION. . 60° . . . . DIRECTION. . 266° . . . . . .

SAMPLE SERIES from. . WA5901 . . . to. WA5960 . . .

WATER FLOW (est) . . Heaps (100's) (gph)

REMARKS: Lots of Water at ~ 15m possible Contamination to 17-18m
Splitter clogging on wet Rod changes.
V wet from 36 m to EOH. Poor sample return due to fine
Rock powder + water from 36 → 51m esp 44 - 51

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA89

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
1	WA6901			White Qtz + Oxidized fg Sst.
2				" " + Oxidized Grey/Gn clayey fg Sst.
3				Mixed wh Qtz % " Pale Gy fg Gwk + 20% fg Gy/Gn
4				Wh Clear Qtz 30% " " " 40% + 30% " "
5				" " " 95% Grey - Grey Br / fg Gw + Green/Gy
6				" " " " + Green/Grey clay w Grey/Black f
7				99% white & Clear Qtz Green/Grey fg Gwk + clay Gw
8				98% " " Qtz Br Clay + fg Br Grey Gwk
9				100% " " Qtz + Br clay
10				50% " " " + Gr/Gy clay + 50% Br Mg Sst
1				95% " " " + Br clay + 4% Gy Mg Sst
2				tr Qtz + Br - Br/Gy Mg Sst.
3				50% " " Qtz + 50% " " "
4				99% " " Qtz + tr Py + trace Gr/Gy " " "
5				" " " Blk/Gy " " "
6				80% " " + Br clay
7				20% Qtz + Blk Mg Sst.
8				Blk Part Oxidized Mg Sst → shale.
9				50% Qtz + 50% " " "
20				70% " + 30 Blk Mg fg Sst.
1				60% " Qtz + tr Py + 40 " " "
2				50% " " " " + 50 " " "
3				80 % " " + 20 " " "
4				50 % " " + tr Py + 50 " " "
5				Pr clean
6				" "
7				30% Qtz - 1% Py Gy/Blk fg Gwk
8				40% Qtz 1% Py 30 Gy Blk fg Gwk 30% Blk Sst
9				95% Qtz 1% Py 4% Blk fg Sst
30				98% Qtz 1% Py 2% Blk fg Sst + Gy Cl

Pre collar ↓

Small Sample

Small V Wet Sample.

BOX

wet Samp

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA59...

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
↑ Small	31				50% wh Qtz + tr Py + 50 Bk fg sst
"	2				95% wh Qtz + tr Py + 5 Bk fg sst + Gy clay
Damp "	3				50% wh Qtz + tr Py + 50 Gy/Bk/Gn fg Gwk
	4				50 wh Qtz ↑1% Py + 50 Bk fg sst + Gy clay
↓	5				" " " tr Py + " " " " "
V wet + Small	6		Small		as above V small sampl gluggy
V wet + Contam	7				60 wt Qtz + tr Py + 40 Gy/Bk fg Gwk
wet Small	8				10% wt Qtz + 1% Py + 50 " " + 40 Bk fg sst
Damp	9				5% wt Qtz + tr Py + 95% Gy fg Gwk
Wet	40				as above
Wet small	1				10% wt Qtz + tr Py 70% Gy fg Gwk + 20 Bk sst
Rod change V wet	2				30% " " " " 70% " " "
V wet	3				90% " " " 10% " " "
V wet	4		Poor Samp		50% " " " 50% " " "
V wet.	5		Poor "		5% " " " 95% Gy Gn ish fg Gwk
V wet	6		Poor "		10% " " " 40% " " + 50 Bk fg sst
Small samp V wet.	7		Poor "		40 " " " + 60% Bk-Gy fg sst
V wet	8		Poor "		50% " " " + 50% " " " "
V wet	9		V Little		" " — only Qtz material staying
↓	50		~~[illegible]~~ "		5% wt Qtz + 95% Bk sst Bk fg sst washing away?
	1		~~[illegible]~~ "		" " "
	2		OK		90% wt Qtz + 10% Bk sst.
	3		OK		50 wt Qtz + 50 Gy Gwk
	4		OK		50 " + tr Py + 50 Bk fg sst
	5		OK		50 wt Qtz + 1% Py + 50 Bk fg sst.
	6		OK		90 wt Qtz + tr Py + 10 Bk fg sst.
	7		"		10 wt Qtz + tr Py + 90 " " "
	8		"		as above
	9		"		5 wt Qtz + tr Py + 60 Bk fg sst + 35 Gy fg Gwk
	0		"		2 wt Qtz + 90% Gy fg Gwk + 8 Bk fg sst

TYPE
- N = NO SAMPLE
- S = SLUDGE
- C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA 60 PROSPECT. Western Arm

TENEMENT. LOGGED BY. W Cooper

CO ORDINATES. 42530 E CROSS SECTION. E

62000 N LONG SECTION. N

RL

DRILL HOLE TYPE. RC COMPLETED/ABANDONDED

DRILL RIG. Unimog 650 DRILLER.

DATE STARTED. 4./.6./.91 FINISHED. 5./.6./.91

COLLAR INCLINATION. -60 DIRECTION. 266°

SAMPLE SERIES from. WA6001 to. WA6060

WATER FLOW (est) .....(gph)

REMARKS:

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA60...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
Pre Collar					
1			Sol	Qtz fragments	
2			CLA	" " + tr Red Br clay	
3			CLA	" " + Red Br clay.	
4			Qtz	95% wt Qtz + 5% wt clay Fe stained	9
5			Psl	100 Br Bk fg f-Mg SSt	
6			Py	100 Br Bk fg Gwk	
7			Py	90 Br fg Gwk + 10 wt clay	
8				85 Br " " + 15 " "	
9				ca cleave	
10				99 " " + 1 " "	
1				98 Br fg Gwk + 2 wt/ clear Qtz	2
2				100 " " " + tr " "	tr
3				100 " " "	
4				100 " " "	
5				100 " " "	
6				100 " " "	
7			Qtz	90 wt/ clear Qtz + 8% Br fg Gwk + 2% wt clay	9
8			Qtz	100 wt/ clear Qtz + tr " " " + tr " "	10
9			Py	99 Br fg Gwk + 1 wt/ clear Qtz	1
20				100 Br fg Gwk + tr " " "	tr
1				100 Br Bk " "	
2				100 Br Bk f-mg Gwk + tr wt clear Qtz	tr
3				100 Bk f-mg Gwk	
Box 4			Psl	100 Bk-Gy fg SSt + tr Qtz	t
Wet 5				" " "	
6			Py	70 Bk Gy f-Mg Gwk + 30% wt Qtz + tr Py	3
7			Psl	100 Bk Gy fg SSt	
8				" " " "	
9				95 " " " " + 5 wt/ clear Qtz	5
30				100 " " "	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA60.....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
Wet 3 1			Psl	Bk Gy fg Sst	
2			↓	as above.	
3			Pg	Gy f-Mg Gwtz	
4				" " "	
5				Gy/Bk f-Mg Gwtz	
6				" "	
7			↓	" "	
8			Pshm	95 Bk Shale + 10 wt/clear Qtz	10
9			↓	100 Bk Shale + Graphitic	
4 0			↓	Bk Shale	
1			Pgm	50 " " + 50 f-Mg Gy Bk Gwtz	
2			Pg	100 Gy f-Mg Gwtz + tr Qtz	tr
3			Pgm	50 " " " + 50 Bk Shale	
4			Pshm	100 Bk Shale.	
5			↓	100 " " + tr Py	
6			Psl	100 Bk Gy f-Mg Sst + tr Py	
7			↓	95 fg Gy Gn Sst + 5% wt clear Qtz + tr Py	5
8			↓	100 " " "	
9			Pg	100 f-Mg Silic Gy Gn ~~Sst~~ Gwtz	
5 0			↓	as above.	
1			↓	as above.	
Dry 2			↓	100 f-Mg Gy Gn Gwtz	
Wet 3			↓	60 " " " + 40 Bk fg Sst	
4			Pslm	100 Bk fg Sst → Shale.	
5			Pg	100 f-Mg Gy Bk Gn Gwtz	
6			↓	"	
7			↓	100 fg Gy Bk Gwtz	
8			Psl	100 Bk fg Sst.	
9			↓	"	
6 0			Psh	100 Bk Graph Shale + tr Py	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA61 PROSPECT. Western Arm

TENEMENT. LOGGED BY. W Looper

CO ORDINATES. 42510 E CROSS SECTION. E

62000 N LONG SECTION. N

RL

DRILL HOLE TYPE. RC COMPLETED/ABANDONDED

DRILL RIG. Universal 650 DRILLER. GADEN

DATE STARTED. 5./.6./.91. FINISHED. 5./.6./.91.

COLLAR INCLINATION. -60 DIRECTION. 266

SAMPLE SERIES from. WA6101 to. WA6157

WATER FLOW (est) .....(gph)

REMARKS:

EOH 57m

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA61.....

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
Pre Collar	1			Sol	wt clay Fe stained + tr mg Gwk + 50% Qtz	
	2			CLA	60 wt clay + 40% Qtz	40
	3			Pg	Pale gy f-Mg Gwk + tr Qtz	tr
No plaster	4			CLA	(60% wt Clay + 40 fg Sst)	
	5			CLA	↓ ↓	
	6			Pg	Br f-Mg Gwk + tr Qtz	tr
	7			↓	as above.	
	8			Psl	100 f-Mg Br Bk Sst	
	9			↓	50% " " + 50 wt clay	
)	10			Pg	100 m-fg Gwk Br Bk	
	1			↓	as above.	
	2			Pmg	80 Bk Shale + 10 m-fg Bk Br Gwk + 10 wt Fe Qtz	
	3			↓	Bk fg Shale + tr wt Qtz	tr
	4			Psl	Bk Gy fg Sst.	
	5			↓	as above.	
	6			Pg	Bk/Gy fg Gwk + tr Qtz	tr
	7			↓	Bk/Gy fg Gwk	
	8			↓	Bk Gy vf-fg Slic Gwk/Sst	
Wet	9			Psl	Gy/Bk fg " Sst.	
	20			↓	" " "	
Box	1			Pm	Br Gy Bk fg Sst → Shale	
	2			Pmsh	Bk fg Shale	
)	3			↓	" " "	
	4			↓	as above.	
	5			↓	" "	
	6			↓	" "	
	7			Psltn	Bk Vfg Sst → shale.	
Wet	8			↓	" " " "	
↓	9			↓	as above.	
	30			↓	as above + trace wt Qtz	tr

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA61....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
31			Pmsh	BK fg Shale.
2				"
3				"
4				"
5				"
6				"
7				"
8				" + tr Py
9				" + Tr Wh Qtz_2, Py
40			Psl	BK Gy Gn fg SSt + tr Py
1			Pm	BK Gy fg Shale + tr Py
2				BK fg Shale + tr Py
3			Pmsh	BK Graphitic fg Shale
4				As above
5				" "
6				" "
7				" " + tr Py
8				" " + tr Py
9				" "
50				" "
1				" "
2				" " + tr Py
3				" "
4				" "
5				" "
6				" "
7				" " EOH 57m
8				
9				
0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA62 ..... PROSPECT. Western Arm ....

TENEMENT. ..... LOGGED BY. W. Cooper .....

CO ORDINATES. 42560 ..... E CROSS SECTION. ..... E

61975 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. RC ..... COMPLETED/ABANDONDED

DRILL RIG. Universal 650 .... DRILLER. GADEN .....

DATE STARTED. 8/6/91 . FINISHED. 8/6/91 ..

COLLAR INCLINATION. ..... DIRECTION. .....

SAMPLE SERIES from. WA6201 ... to. WA6260 ..

WATER FLOW (est) ~~XXXXXX~~ ..(gph)

REMARKS:

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA62

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
Precollar ↑	1	WA6201		Sol	Rd Br Sal + 10% wt Qtz chips	10
	2	↓		CLA	Wt Br Gy Sal + tr Qtz	tr
↓	3			CLA	90% wt clay + 10 Br Oxidized Gulm	
	4			CLA	" "	
	5			Pg	80 wt clay + 20 Br OX Gulm + tr Qtz	tr
	6			↓	90 fg Br Gulm + 10 wt Clay + tr Qtz	tr
	7			Psl	95 Mg SSt + 5% Qtz	5
	8			Pg	60 fg Br Gulm + 40% clear/wt Qtz + tr Py	40
	9			↓	" "	40
)	1 0			Qtz	95% wt clear Qtz + 5 BrBk fg Gulm.	95
Small Sample.	1			↓	" Sample not found	
	2			Qtz	95 " " + 5 " "	95
	3			Qtz	50% " + 50 " "	50
	4			Psl	99% Br Mg SSt + 1% Qtz.	1
	5			↓	as above	1
	6			Qtz	100% wt/clear Qtz + tr SSt.	100
Small Sample	7			↓	100 wt Qtz + tr SSt	100
↓	8				50 " " + 50 fg SSt	50
	9			Qtz	70 " + 30 "	70
Wet Small Samp2	0			Pg	10% Qtz + 90 Bk Br Gulm	10
Small Samp.	1			↓	30% Qtz + 70 BkBr fg Gulm	30
GX Jull Wet	2			Qtz	50 " + 50 "	50
	3			↓	90 " + 10 "	90
	4				95 " + 5 " + tr Py, Asp?	95
	5				90 " + 10 "	90
	6				90 + 10 + tr Py	90
	7				" + " + tr Py	90
	8				98 Qtz + 2 Bk fg Gulm + tr Py	98
↓	9			↓	50 Qtz + 50 Bk Shale + tr Py	50
	3 0			Pm	40 + 60 Bk " + 1% Py	40

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA62

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	
31			Pmg	95 Bk Shale → Grade + 5 wt Qtz + ·5% Py	5
2			Pg	95 Bk f-Mg Grade + 5 wt/clear Qtz + tr Py	5
3			↓	99 " + 1 " + tr Py	1
4			↓	as above	1
5			↓	" "	1
6			Psl	98 % Bk f-Mg sst + 2 % Qtz + tr Py	2
7			↓	98 " " " + 2 " + "	2
8			↓	as above	2
9			Pslm	99 Bk sst → shale + 1% Qtz + ↑tr Py	1
40			Pgsl	99 Bk sst → Pg Grade + 1% " + tr Py	1
1			Pslm	99 Bk sst → shale + " + "	1
2			↓	95 Bk sst → shale + 5 Qtz + ↑tr Py	5
3			Psl	99 Bk fg sst + tr Qtz + 1% Py	1
4			Pslm	60 " " " → shale + 40 Qtz + tr Py	40
5			Pg	100 Bk Gy fg Grade + tr Qtz, Py	+
6			↓	99 " " + 1% Qtz + tr Py	1
7			↓	as above	1
8			Psl	70 Bk fg sst + 30 wt Qtz + tr Py	30
9			Pm	98 Bk Shale (Graph) + 2% Qtz + tr Py	2
50			Psl	100 Bk sst + tr Qtz, Py	+
1			↓	50 " + 50 " + tr Py	50
2			Pslm	99 Bk sst → shale + 1 Qtz + tr Py	1
3			↓	as above	1
4			Pg	95 Bk Gy fg Grade → Shale + 5% Qtz + tr Py	5
5			↓	as above	5
6			↓	60 " " + 40 Qtz + tr Py	40
7			Psl	98 Bk fg sst + 2 Qtz + " "	2
8			Pslm	60 Bk fg sst → shale + 40 " + " "	40
9			↓	50 " + 50 + "	50
60			Psl	80 " + 20 " + "	20

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA63 PROSPECT. Western Arm

TENEMENT. LOGGED BY. W Cooper

CO ORDINATES. 427540 E CROSS SECTION. E

61975 N LONG SECTION. N

RL

DRILL HOLE TYPE. RC ~~COMPLETED~~/ABANDONDED

DRILL RIG. Universal 650 DRILLER. GADEN SID

DATE STARTED. 8./.6./.91 FINISHED. 8./.6./.91

COLLAR INCLINATION. -60 DIRECTION. 266

SAMPLE SERIES from. WA6301 to. WA6355

WATER FLOW (est) .....(gph)

REMARKS:

Abandoned at 54m Down hole. Collar Caving in + Jamming rods.

54mm down hole lost 55 samples? 1 extra sample collected, depth unknown.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA 63

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
Precollar 1			Qtz	Red clay + Qtz chips	10
2			CLA	Grey clay + ↓ Qtz	10
3			Pg	95 Br f-mg Gwk + 5 Qtz	5
4			Qtz	100 Wt/clear Fe stained Qtz	10
5				80 " " " " + 20 ox f-mg SSt.	8
6				95 " " " " + 5 BkBr f-mg SSt	9
7				100 Wt/clear ↑Fe stained Qtz.	10
8				98 " ↓Fe " " + 2 BkBr f-mg SSt.	9
9				100 " " " "	10
10				as above	10
1				99 " ↑Fe stained Qtz + 1 Bk Br fg SSt.	9
2				95 " ↓Fe " " + 5 " " "	9
3			Qtz	as above	9
4			Pg	95 BkBr fgr Gwk + 5 Wt Qtz.	5
5			Qtz	50 " + 50 "	5
6			Pg	99 " + 1 "	1
7			Pg	70 " + 30 "	30
8			Qtz	10 " + 90 "	90
9				5 " + 95 "	95
Box Wet Small 20				1 " + 100 "	100
Small 1				50 " + 50 " + tr Py	50
2				50 " 50 " + "	50
3				40 " 60 " + "	60
4				as above	60
5				"	60
6			Qtz	"	60
7			Py	100 f-Mg GyBk Gwk + tr Qtz + tr Py	tr
8				as above	tr
9				"	tr
30				60 f-mg Bk-Gy Gwk + 40 wt/clear Qtz + ↑tr Py	40

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA 63

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
31			Pg	80 BkGy f-mg Gwk + 20 wt/clear Qtz + ↑ tr Py	20
2			Psl	50 Bk fg sst + 50 " + ↓ tr Py	50
3			Pg	80 BkGy fg Gwk + 20 " + ↓ tr Py	20
4			↓	50 " + 50 " + ↓ tr Py	50
5				90 Gy Kahki Gn Bk fg Gwk + 10 Clear wt Qtz + tr Py	10
6			↓	100 " "	10
7			Psl	99 GyBk Gn fg sst + 1% Qtz + tr Py	1
8			↓	100 as above + tr Qtz Py	tr
9				100 " + "	tr
40				100 " "	tr
1				100 " "	tr
2				100 " "	tr
3				100 " "	tr
4			↓	100 Gy Bk Gn fg sst	
5			Pslm	100 Bk/Gy fg sst → shale.	
6			↓	as above + tr Qtz	tr
7			Pmsh	100 BK Shale	
8			↓	10% " " + 90 GyBk Gn fg Gwk	
9			Pg	100 BkGy Gn f-mg Gwk	
50			↓	"	
1			↓	"	
2			Pslm	100 Bk fg sst → Shale + tr Qtz	tr
3			Pmsh	90 " " Shale + 10% wt/clear Qtz	10
4			↓	99 " fg Shale + 1% wt/clear Qtz	1
5			↓	100 Bk fg Shale	
6				EOH	
7					
8					
9					
60					

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA64

PROSPECT. WARM

TENEMENT.

LOGGED BY. W. Cooper

CO ORDINATES. 425 25 E

61980 N

RL

CROSS SECTION. E

LONG SECTION. N

DRILL HOLE TYPE. RC

COMPLETED/ABANDONDED

DRILL RIG. Universal 650

DRILLER. GADEN SW

DATE STARTED. 5/6/91

FINISHED. 6/6/91

COLLAR INCLINATION. -60

DIRECTION. 276 (266)

SAMPLE SERIES from. WA6401 to. WA6460

WATER FLOW (est) .... (gph)

REMARKS:

Hole collard 5m North of correct position + drilled to 276 instead of 266 +5m East

(CARTON) Good Samp return

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA 64 . . . .

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	Qtz
Oxidized	1			Sol	Qtz float in Blk oxid Plain clay.	
	2			CLA	Gry Br clay (Yellow) + tr 1% Qtz float	1
	3			Pg	Oxidized clay + Br (Oxidized) Mg Gwk	
	4			↓	10 " " + 90 " " + 10% wt Qtz	10
	5			CLA	60% wt clay + 40 Br " " + tr wt Qtz	tr
	6			CLA	" " " " " "	tr
	7			Psl	30% " " + 70 % Gy/BK Mg SSt	
	8			Pg	10% " " + 80 Br Mg Gwk + 10 BK/Gy fg SSt	
	9			|	2% wt Qtz + 98% Br/Gy M-fg Gwk	
)	10			|	100 Br/Gy fg Gwk	
	1			|	100 Br BK-Gy fg Gwk	
	2			|	" " " "	
Wet	3			↓	as above + tr wt Qtz	tr
	4			Psl	95% Gy Bk Br fg SSt	
	5			Pg	20 wt Qtz + 70 Br Gy M-fg Gwk + 10 Bk Br fg SSt	20
	6			Psl	2% wt Qtz + 98% Br Bk f-Mg SSt	2
	7			|	100 Br Bk f Mg SSt	
	8			|	" "	
Wet	9			Pg	tr wt Qtz + Br Gy f-Mg Gwk	tr
	20			|	100 " " " "	
	1			|	as above	
	2			|	as above	
) Wet	3			|	50 SSt 50 Gwk	
"	4			|	100 Gwk	
Smale	5			↓	90 Gwk 10 Bk SSt + tr Qtz	tr
"	6			Pgsl	40 Gwk 60 " "	
"	7			Pg	100 Gwk	
"	8			|	"	
Box	9			|	"	
"	30			↓	100 Bk Gy fg Gwk + tr Py	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. [redacted]

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
Wet 3 1			Pg	Bk Gy f-Mg Gwk tr Py
2			Pgsl	60 " " " + 40 Bk Graphitic fg sst/shale
3			Pg	100 Bk Gy f-Mg Gwk
4			Pgsl	50 " " + 50 Bk Graph fg Shale/sst + tr Py
5				as above
6			Pg	100 Bk/Gy f-Mg Gwk + tr Wt/clear Qtz + tr Py tr
7				50 " " + 50 Bk Graph fg shale + tr Py
8			Pm	100 Bk Graph fg shale <1% Py + tr Qtz tr
9				as above
4 0				" + tr Py, Qtz
1				" + tr Py, Qtz
2				" + tr Py, Qtz
3				60 " + 40 Green Grey Silicous Alt^d + tr Py
4				80 " 20 " " " " " "
5			Psl	50 Bk fg sst + 50 " " " " " "
6				50 " + + 40 Gr Gy Silic Alt^d/clayey + Wt Qtz
7				80 " 20 " tr " tr
8				98 " 2 " tr " tr
9				as above + tr Py
5 0			Psim	100 ↓Grap fg sst/shale + tr Py
1				"
2				100 " + tr Qtz + Py tr
3				"
4			Psl	100 fg Bk sst + tr Py
5				" " "
6				as above
7				"
8				"
9				"
W 0				"

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA65 PROSPECT. Western Arm

TENEMENT. LOGGED BY. W. Cooper

CO ORDINATES. 42570 E CROSS SECTION. E

61950 N LONG SECTION. N

RL

DRILL HOLE TYPE. RC COMPLETED/ABANDONDED

DRILL RIG. Universal 650 DRILLER. GADEN

DATE STARTED. 17/6/91 FINISHED. 17/6/91

COLLAR INCLINATION. -60 DIRECTION. 266

SAMPLE SERIES from. WA6501 to. WA6560

WATER FLOW (est) .....(gph)

REMARKS:

Face Sampling Hammer good Return

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA65

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
Recovered 1			Psl	50% Qtz chips + 40 wt clay + 10 Br f-Mg Sst	50
2			CLA	Yellow Br stained wh clay 60% + 40% wt Qtz	40
3			CLA	" "	40
4			"	95 wt clay + 5% wt Qtz Fe Br Yellow chert	5
5			"	" " "	5
6			Psl	80 fg Fe Br Sst + 20 wt clay.	
7			Pg	98% Br Mg Gwk + 2 wt clay	
8			↓	as above	
9			↓	100 Br f-Mg Gwk + tr wt clay + Qtz	tr
10			Psl	99 Br Mg Sst + tr wt clay	
1			Pg	100 Br f-Mg Gwk + tr wt clay + Qtz	tr
2			↓	100 Br → Bk f-Mg Gwk	
3			↓	"	
4			↓	"	
5			↓	"	
6			↓	90% " + 10 wt Qtz	10
7			Qtz	99% wt Qtz + 1% Br Mg Gwk.	99
8			Psl	5% " + 95 Mg Br Sst.	5
9			Qtz	50% " + 20% Bk-Br f-Mg Sst + 30 Br clay	50
Box 20			↓	as above 30% 20% + tr Py	50
1			Qtz	50% wt Qtz + 50% Bk Gy f-Mg Gwk + tr Py	50
2			Pg	30 " 50% " fg " + "	30
3			↓	10 " 90 " "	10
4			↓	5 " 95 " + tr Py	5
Wet 5			Qtz	50 " 50 " + tr Py	50
6			Pg	5 " 95 " + tr Py	5
7			↓	as above	5
8			↓	5% wt Qtz 95 Gy Bk f-Mg Gwk + ↑ tr Py	5
9			Qtz	60% " + 40 " " + ↑ tr Py	60
30			↓	95% " + 5 " " + tr Py	95

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA65

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
31			Qtz	95% wt Qtz + 5% Bk Gy fg Gwke + tr Py	95
2				99 " + 1 " + 1% Py	99
3				50 " + 50 " + tr Py	50
4				100% wt/clear Qtz + tr Py	100
5				97% " " + 3 Bk fg Gwke + tr Py	97
6				98% " " + 2 " " + tr Py	98
7			↓	as above.	98
8			Qtz	60% wt/clear Qtz + 40 Bk/Gy fg Gwke + tr Py	60
9			Pg	98% Bk Gy f-mg Gwke + 2 wt/clear Qtz + tr py	2
40			Pg	50 " + 50 " + ↑ tr Py	50
1			Qtz	as above + ↑ tr Py	50
2			Qtz	60 " + 40 " + ↑ tr Py	40
3			Pg	90 " + 10 " + ↑ tr Py	10
4			Pm	80% Bk ↓Graph fg Shale + 20 wt/clear Qtz + ↑ tr Py	20
5			Pgsl	80% Bk fg Gwke-sst + 20 " + tr Py	20
6			↓	as above	20
7				as above	20
8			Pg	98% Bk f-mg Gwke + 2% wt/clear Qtz + tr Py	2
9			~~Pg~~ Pg	100 Bk f-mg Silic Sst + tr Qtz	tr
50				as above	tr
1				70% Bk f-mg Silic Sst + 30 wt Qtz + tr Py	30
2				90% " " + 10 wt Qtz + 1% Py + Asp?	30
3				80% " " + 20 " + tr Py	20
4				98% Bk Gy/Grn f-mg Gwke + 2% wt Qtz + tr Py	2
5				as above	2
6			Pm	98% Bk f-mg Shale + 2% Qtz + tr Py	2
7			Pg	100 Bk Gy f-mg Gwke	
8			Pmsl	99 Bk f-mg Shale-sst + 1% wt Qtz + tr Py	1
9			↓	as above	1
60				" "	1

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA 66 PROSPECT. Western Arm

TENEMENT. LOGGED BY. W Cooper

CO ORDINATES. 42550 E CROSS SECTION. E

61950 N LONG SECTION. N

RL

DRILL HOLE TYPE. RC COMPLETED/ABANDONDED

DRILL RIG. Universal DRILLER. GADen

DATE STARTED. 6./.6./.91. FINISHED. 7./.6./.91.

COLLAR INCLINATION. -60 DIRECTION. 266

SAMPLE SERIES from. WA6601 to. WA6655

WATER FLOW (est) .....(gph)

REMARKS:

55m EOH HARD Grauwe.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA66...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
Precollar 1			Sol	Bk Sand + Qtz chips	10
2			CLA	Br clay + ↓ Qtz chips	5
3			↓	Br clay / wt clay	
4			↓	100 wt clay + ↓ Qtz eyes.	tr
5			↓	70 wt clay 30 BK clay + tr wt Qtz	tr
6			↓	50 BK clay + 50 wt/clear Qtz	50
7			Qtz	80% wt/clear Qtz + 20 BK Gy clay	80
8			↓	95 wt clear " + 5 wt/gy clay	95
9			Pg	5% " " " + 90 Br Gy f-Mg Gwk + 5 wt clay	5
10			Qtz	95% " " " + 3 " " " 2 " "	95
1			↓	as above	95
2			↓	50% wt Qtz + 50% Br f-Mg Gwk	50
3			Pg	2% " + 90% Br f-Mg Gwk + 8 BK fg Gwk	2
4			↓	5% " + 95% " "	5
5			Qtz	60% " 40% Br-BK f-Mg Gwk	60
6			↓	as above	60
7			↓	95% " + 5% BK f-Mg Gwk	95
8			Pg	95 BK-Br f-Mg Gwk 5 wt Qtz.	5
Wet 9			↓	as above	5
20			↓	90 BK-Br f-Mg Gwk + 5% wt/clear Qtz + 5 fg Sst	5
Box 1			↓	99 BK-Gy f-Mg Gwk 1 wt Qtz + tr Pg	1
2			↓	as above	1
3			↓	" "	1
4			↓	100 BK Gy f-Mg Gwk + tr Qtz tr Pg	tr
5			Qtz	95 wt clear Qtz + 3 BK Gwk + 2 wt/BK clay + tr Pg	95
6			Pg	90% BK Gy Gwk + 10% wt clear Qtz + tr Pg	10
7			↓	As Above.	10
8			↓	" "	10
9			↓	99 " " 1% wt Qtz + tr Pg	1
30			Qtz	95 wt Qtz 5 BK Gy fg Gwk + tr Pg	95

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA66.....

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	Qtz
Wet	3 1			Qtz	50 wt Qtz + 50 fg Bk Gy wk + tr Py	50
Damp	2			Qtz	95 wt Qtz + 5 " " + "	95
Wet	3			fg	2 " + 98 " + "	2
↓	4			Qtz	60 " + 40 " + ↑ tr py	60
	5			↓	50 " + 50 " + tr Py	50
	6			Py	1 " + 99 " + " "	1
	7				as above (Gwk Mg)	1
	8				2% wt Qtz + 98 Mg Bk Gy Gwk + tr Py	2
	9				as above.	2
)	4 0				100 Bk Gy f-Mg Gwk + tr Qtz + tr Py.	tr
	1				100 Bk Gy / Gn f-Mg Gwk + tr Qtz	tr
	2				100 Bk Gy / alt Gn " " " "	tr
	3				100 Bk Gy / Gn fg Gwk + tr Qtz	tr
	4				as above.	
	5				↓	
	6					
	7					
	8					
	9					
	5 0					
	1					
	2					
)	3				100 fg Silic Gn Bk Gy Vfg-fg Gwk	
	4				98 Bk Gy fg Gwk 2% wt Qtz + tr Py	2
	5				99 Bk Gy / Kaol fg Gwk 1% " "	1
	6				EOH.	
	7					
	8					
	9					
	0					

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. . WA67 . . . . . PROSPECT. . Warlaw Area . . . . . .

TENEMENT. . . . . LOGGED BY. . W Cooper . . . . . .

CO ORDINATES. . 42530 E . . E CROSS SECTION. . . . . E

. . . 61950 . . . . . N LONG SECTION. . . . . N

. . . . . RL

DRILL HOLE TYPE. . . RC . . . . . COMPLETED/ABANDONDED

DRILL RIG. . Unimog 650 . . . . DRILLER. . GADEN SID . . . . . .

DATE STARTED. . 6 . /. 6 . /. 91 . . FINISHED. . 6 . /. 6 . /. 91 . .

COLLAR INCLINATION. . -60 . . . DIRECTION. . . 266° . . . . . .

SAMPLE SERIES from. WA6701 . . . . to. . WA6736 . .

WATER FLOW (est) . . . . . .(gph)

REMARKS:

Blockage at 36mm - Pulled Rods + EOH

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA67....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
Pre Collar 1			Sol	Blk Soil + Qtz fragments	10
2			CLA	Red clay + Qtz	10
3			↓	" "	10
No plastic 4			Psl	60 Br Gy Mg SSt + 40 wt clay	No plastic
5			↓	↓ ↓ ↓	
6				60 " " " " 10 wt clay 30 wt Qtz	30
7				90 " 5 " 5 "	5
8			CLA	90 wt clay + 5 Qtz + 5 Br Mg SSt	5
9			Psl	40 " + 5 " + 55 "	5
10			↓	50 " — + 50 "	
1				100 Br Mg SSt + tr wt Qtz + tr wt clay	tr
2				" — "	
3				98 Br Mg SSt + 2% wt/ clear Qtz	2
4				100 " + tr wt clay	
5				60 " + 10 wt clay + 30 wt Qtz	30
6				10 " + 60 " " + 30 " "	30
7				99 " + 1 Wt Qtz	1
8				100 Br Bk f-Mg SSt.	
9				" "	
Jet 20				"	
1				"	
2			Pslg	50% " + 50% Br f-Mg Gwk.	
3			Psl	95 % + 5% "	
4			↓	100% "	
5			Pg	20 " + 40 Br f-Mg Gwk + 40 Bk fg Silic SSt + tr Qtz	tr
6				95 Br Mg Gwk + 5 Bk fg Silic SSt + tr Qtz	tr
7				" " " "	tr
8				"	
Box 9				100 Brown → Black Mg Gwk + tr Py	
30			↓	70 Blk Mg Gwk + 30 fg SSt + tr Qtz	tr

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA61....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
31			Pg	100 Bk fg f-Mg Gwk + tr fg Sst + tr Qtz tr
2			↓	"
3				"
4				"
5				98 " < 2 Wt Qtz 2
6			P>1	30 " " < 65 Bk fg Sst + 5 Wt/clear Qtz 5
7				- EOH
8				
9				
40				
1				
2				
3				
4				
5				
6				
7				
8				
9				
50				
1				
2				
3				
4				
5				
6				
7				
8				
9				
60				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA 68 ..... PROSPECT. Western Arm .....

TENEMENT. ..... LOGGED BY. W. Cooper .....

CO ORDINATES. 42590 .... E CROSS SECTION. ..... E

61950 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. RC ..... COMPLETED/ABANDONDED

DRILL RIG. Universal 650 .... DRILLER. GADEN .....

DATE STARTED. 8 /. 6 /. 91 . FINISHED. 8 /. 6 /. 91 .

COLLAR INCLINATION. -60 ... DIRECTION. 266 .....

SAMPLE SERIES from. WA6801 .... to. WA6860 ...

WATER FLOW (est) ..... (gph)

REMARKS:

Face Sampling Hammer - Good Sample Return

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA68

Face Sampling Hammer — DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	
Pre Collar ↓	1			Bol	Bk Soil Plain + ↓ Qtz chips	S
	2			CLA	Br stained clay	
	3				" "	
	4				100 wt clay Fe stained	
	5				"	
	6				"	
	7				"	
	8			Psl	60 Br oxidised Mg SSt + 40% wt clay	
	9				as above	
)	10				80 Br Ox Mg SSt + 20 wt clay	
	1				100 " " M-fg SSt	
	2				60 " " + 40 wt clay	
	3				100 " "	
	4			Pslg	50% " + 40 Br fg Gwk + 10 wt Qtz	10
	5			Pg	100 Br fg Gwk + tr Qtz	tr
	6				" Br-Bk " "	
	7				100 " "	
	8				99 Br Bk Gy fg Gwk + tr Qtz	tr
	9				100 Br Ox Br Gy fg Gwk	
	20				"	
	1				"	
	2				"	
)	3				"	
	4				"	
	5				"	
	6				"	
	7				"	
Box	8				"	
	9				99 " + tr wt Qtz	tr
[illegible]	30			Psl	70 fg Bk SSt + 30 wt/clear Qtz	30

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA68. . . .

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
31			Psl	60 Bk fg SSt + 40 wt/clear Qtz + tr Py	40
2			Pg	100 BkGy fg Gwk + tr Qtz	tr
3				" " f-Mg Gwk	
4				90 BkGy Mg Gwk + 10 wt Qtz + tr Py	10
5				as above	
6				"	
7				90 Gy M-fg Gwk + 10 wt Qtz + tr Py	10
8				99 " " " + 1 " " "	1
9				50 " " + 50 " —	50
40				80 " " + 20 " + tr Py	20
1				50 " " + 50 " "	50
2			Pgm	40 Gy fg Gwk + 60 Bk fg SSt-shale + tr Qtz, Py	tr
3			Qtz	95 wt/clear Qtz + 5 Bk fg SSt + tr Py	95
4				50 " + 50 " + tr Py	50
5			Psl	100 Bk fg SSt + tr Qtz, Py	tr
6				90 + 10 wt Qtz + ↑ tr Py	10
7			Pg	100 Gy fg Py Alt^n? Gwk + tr Qtz	tr
8				99 " " + 1% wt clear Qtz	1
9			Qtz	98 Qtz + 1% Bk fg SSt + 1% white CO3 + tr Py	1
50			Pg	~~88~~ 10 Qtz + ~~88~~ Gy fg Gwk Py alt? + ~~10~~ 2 " " + " "	2
1				99 BkGy fg Gwk + 1% wt clear Qtz + tr Py	1
2			Pslm	95 Bk fg SSt + shale + 5 " " " + tr Py, CO3	5
3				99 " + 1 " " + " "	1
4			Pg	100 Gy Bk fg Gwk + tr CO3	
5				" " " + tr Qtz	tr
6				100 " " "	
7				100 " " "	
8				100 " " "	
9				100 " " " + tr Qtz + Py	tr
60				99 Gy Bk f-Mg Gwk + 1% wt clear Qtz + tr Py	1

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA 69 ..... PROSPECT. Western Arm .....

TENEMENT. ..... LOGGED BY. W. Cooper .....

CO ORDINATES. . . 42580 ..... E CROSS SECTION. ..... E

. . . 61975 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. . RC ..... COMPLETED/ABANDONDED

DRILL RIG. Universal 650 . . . DRILLER. . GADEN .....

DATE STARTED. . 9 . /. 6 . /. 91 . . FINISHED. . 9 . /. 6 . /. 91 . .

COLLAR INCLINATION. . -60 . . . DIRECTION. . . 266 .....

SAMPLE SERIES from. WA6901 . . . . to. WA6940 . . .

WATER FLOW (est) . . . . . .(gph)

REMARKS:

Lost sample at 40m, Drilled further 6m lost No sample Return. EOH 40 m

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA69....

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
	1			Soil	60 Qtz fragments + Br Sdl	60
Pre Collar	2			CLA	95 Rd wt clay + 5 Qtz frag	5
↓	3			↓	99 wt clay after GWm? + 1% wt Qtz	1
	4			↓	60 " " " " + 40 Br Shale.	
	5			PSl	10 " " + 80 SSt + 10 Qtz + tr Vis Py	10
	6			↓		10
Wet + Small	7		*	↓	50 Qtz - 50 Br SSt.	50
	8			↓		10
V Small	9		*	CLA	wt clay + tr Qtz.	tr
	10			↓	wt clay + tr Bk SSt.	
	1			↓	as above	
	2			PSl	Br SSt + tr Qtz.	tr
Small Samp	3		*	↓	as above	
	4			↓	Br SSt.	
	5			Pg	60 Br-Bk fg Sdstk + 40 wt Qtz + tr Py	40
	6			↓	90 " " + 10 "	10
	7			↓	100 Br-Bk " "	
	8			↓	" " " "	
Damp Small	9		x	↓	95 " " " + 5 Qtz + tr Py	5
	20			Qtz	90 wt Qtz + 10 Bk-Br Shale-SSt	90
	1			↓	95 " " + 5 " "	95
	2			↓	98 " " + 2 " " + tr Py	98
)	3			↓	[illegible]	90
	4			PSl	99 Bk-Br SSt + 1% Qtz	1
Wet	5			↓	80 " " + 20 "	20
Small	6		*	↓	99 " " + 2 "	2
Small	7		*	↓	as above	
Small	8		*	Pg	80 Siltstone fg Sdstk + 40 Bk SSt + tr Qtz	tr
Small	9		*	↓	as above	
Small 3	0		*	PSl	99% Br fg SSt + 1% Qtz + tr Py	1

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA69..

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
31		↗	Pg	90 Bk fg Gwk/chert + 10 Bk SSt + tr Qtz Py tr
2		↓		60 " " " + 40 Bk gy f-Mg Gwk → Pg
3		*	Pm	100 Bk shale.
4			Pgm	95 GyBk f-Mg Gwk + 5 BrBk shale + tr Qtz Py tr
5			Pg	100 Gy f g Gwk
6				100 " " + Tr Qtz tr
7				
8				60 GyBk fg Gwk + 40 wht/clear Qtz + tr Py 40
9			Pm	90 shale + 10 " " + " 10
40			↓	50 " + 50 " + " 50
1				
2				EOH
3				
4				
5				
6				
7				
8				
9				
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
0				

Small
Small
Small
↑ small

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA70 . . . .

PROSPECT. Western Arm . . . .

TENEMENT. ERL 97 . . . .

LOGGED BY. W. C Cooper . . . .

CO ORDINATES. . . . . E
. 42570 . . . N
. . 61870 . . . . . RL

CROSS SECTION. . . . . E

LONG SECTION. . . . . N

DRILL HOLE TYPE. RC . face sample hammer

~~COMPLETED~~/ABANDONDED

DRILL RIG. WARMAN 1000

DRILLER. GADEN . . . .

DATE STARTED. 19 . /. 9 . /. 91 . .

FINISHED. 19 /. 9 ./. 91 .

COLLAR INCLINATION. -60 . . . .

DIRECTION. 270 . . . .

SAMPLE SERIES from. WA7001 . . . . to. WA7054 . .

WATER FLOW (est) . . . .(gph)

REMARKS: face sampling hammer, good return even in wet ground. EOH 54m as collar caving in and Rods Jamming.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA70

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	Qtz
Pre collar 1	WA701	Sol	0·01	Br Soil.	
2		CLA	0·018	98% wt clay/Br clay + 2% Qtz frag.	2
3			0·102	70% wt clay + 20% Br Gwke + 10% Qtz frag	10
4			0·108	100 wt Gy clay.	
5			0·238	30 Br Gwke + 60 wt clay + 10 Qtz.	10
6			0·136	as above.	
7			0·07	wt clay 20 Br Gwke + 10 Qtz.	10
8		Qtz	0·426	95% wt/clear Qtz 5% wt clay + Br Gwke.	95
9		Qtz	0·060	as above.	95
10		Pg	0·176	80 Br Gwke + 35% Blk Sst + 5% Qtz.	5
1			0·62	70% Bk Br Mg Gwke 20% wt clay + 10% Qtz.	10
2			0·470	60 Br Mg Gwke 38% Bk Sst + 2% Qtz.	2
3			0·142	TAA Br Mg Gwke + wt clay.	30
4		Qtz	0·076	80% wt/clear Qtz + 20 Br/wt Gwke.	80
5		Qtz	0·144	60% " " + 40 " "	60
6		Pg	0·178	99% Br Gy Gwke + 1% Qtz.	1
7		Pslm	0·108	95 Blk Shale/Sst + 5 Br Bk Gwke.	
8		Psl	0·506	98% Br Bk Purple Mg Sst to V fg Gwke + 2 Qtz.	2
Wet. 9		Pg	0·256	95 Gy Gn Bk Mg Gwke + 5 wt clear Qtz.	5
20			0·372	as above.	
1			0·186	as above	
Box 2			0·256	99% Bk/Br Asp/Py? Altered Weak M-fg Gwke + 1% wt clear Qtz	
3			0·188	99 Bk/Br weakly Altered M-fg Gwke + 1% wt Qtz.	1
4		Psl	0·510	99% Br + Graph stained Sst + 1% Qtz + tr Py Asp?	1
5		Psl	0·328	90% Bk Graph Sst + 10% Qtz + tr Py Asp?	10
6		Pg	0·287	90 Gy Bk f-Mg Gwke + 10 Qtz + tr Py Asp.	10
7			0·587	99 " " " + 1 Qtz + tr Py	1
8			0·478	70 " " " + 30 wt/clear Qtz + tr Py	30
9		Psl	0·682	80 Bk Gy Mg stained Sst + 20 wt/clear Qtz + tr Py Asp	20
30	WA1030	J	0·642	95 " " " " + 5 " " " + tr Py	5

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. [redacted]

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE Log	Au.	DESCRIPTION	
[redacted]3 1	WA7031	Py	0.236	60 BkGy fg Qwtk + 10 Bk Shale + 30 wt/clear Qtz + tr Py	30
Damp. 2			0.662	90 Bk Gy " " + ——— " " a + tr Py	
Contamination 3			0.196	2+ Amount Return obtained / as above	30
Wet 4		Pm	0.664	60 Bk Shale Graph + 50 wt/clear Qtz.	50
Damp→Dry 5		Py	0.498	100 GyBk fg Qwtk + tr Qtz.	tr
Wet 6			0.556	95 GyBk fg Qwtk + 5% Qtz.	5
7			0.618	50 " " " + 50 Qtz + 1% Py	50
8			0.154	60 " " " + 40 Qtz + tr Py	40
9		Ps	4.090	99 Bk Sst + 1 Qtz + tr Py	1
4 0		Qtz	0.368	98 wt/clear Qtz + 2 fg Qwtk + tr Py	98
1		Ps	0.044	60 Bk Sst + 40 Qtz + tr Py	40
2		Pgs	0.142	99 Bk fg Qwtk → Sst + 1 Qtz + tr Py	1
3			0.128	95 " " " + 5 " + " "	5
4			0.104	99 " " " + 1 " + " "	1
5		Qtz	0.070	95 wt/clear Qtz + 5 fg Bk Gy Qwtk + tr Py	95
6			0.186	50 " " " + 50 " " + " "	50
7			1.190	60 " " " + 40 Shale/fg Sst/Qwtk + Py + Kaolin	
8			0.352	100 Qtz + tr Py Shale/fg Qwtk	100
9		Py	0.506	99 BrBk fg Qwtk + 1 Qtz + tr Py	1
5 0			1.8	95 " " " + 5 " + " "	5
1			0.093	100 GnGy Bk fg Qwtk + tr Qtz	tr
2			0.035	as above	"
3			∠	"	
4	WA7054		0.024	"	
5	EOH				
6					
7					
8					
9					
6 0	WA7060				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA71 PROSPECT. Western Adm

TENEMENT. EL 97 LOGGED BY. W Cooper

CO ORDINATES. 42590 E CROSS SECTION. E

61870 N LONG SECTION. N

RL

DRILL HOLE TYPE. RC COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 (Acco Mounted) DRILLER. GADEN

DATE STARTED. 18./.9./.91 FINISHED. 18./.9./.91

COLLAR INCLINATION. -60 DIRECTION. 270

SAMPLE SERIES from. WA7101 to. WA7160

WATER FLOW (est) .....(gph)

REMARKS: $5\frac{3}{4}$ inch Werner hammer on 4 inch rods face Sampling hammer - Werner? good sample returns Dry till 40 m then wet until EOH. lots of Water. Good sample in wet.
Compressor running at ~ 220-240 PSI at 750 cfm
6m pre collar.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA71...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au Log	DESCRIPTION
Small 1	WA7101		Sol	Blk Soil clay
Small 2	↓		CLA	100 clay
3			↓	99% wt clay alter Gwtz? + 1% Qtz 1
4				100 wt clay (" ")
5				90 " " + 10 Br Sst.
6				as above
7			Pg	70 wt Gwtz + 20 Gy/Br sst + 10 Blk clay
8			Pgsl	60 " " + 40 " "
9			↓	as above.
10			Psl	10 wt Gwtz + 60 Br Sst + 30 Blk M/st
1				80 Blk + 20 Br Sst
2				as above
3				100 Br Sst
4				90 " " + 10 wt clay
5				100 Gy/Br Sst
6				as above
7				"
8				"
9				100 Gn/Gy/Br Mg Sst
20				as above
1				as above
2			↓	as above.
3			Pgsl	30% Blk Shale/sst + 30% Gwtz + 40% wt Qtz. 40
4			Pg	99 Gy/Br Gwtz + 1% wt Qtz 1
Box. 5				98 " " Gy Gwtz + 2% wt/clear Qtz 2
6				50 " + 50 " " " + tr Pyrite Qtz 50
7			Pm	97% Blk Graph Shale/sst + 3% wt Qtz + tr py 3
8				as above + tr Py tr
9				95 " " " + 5% " " + " 5
30	WA7130		↓	98 " " " + 2% " " + " 2

6m Pre collar

Sample # was 1½m

Sample # was ½m

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA71.....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
3 1	WA7131		Pg	100 weakly foliated Gy/Blk Qwtz (mgr)	
2	↓		Pgl	100 Blk Sst.	
3			Pg	100 Blk/Gy fg Qwtz	
4				100 BrBlk/Gy mg Qwtz	
5			J	97 GyBr/Blk mg Qwtz. 3% clear/wt Qtz + tr Py	3
6			Pgl	100 BrGy fg qwtz to Sst + tr Qtz	tr
Wet 7			J	as above.	
8			Pg	100 GyGn Blk f-mg Qwtz.	
9				as above. + trace Purple/orange kspar?	
Wet 4 0				100 Gy Gn Blk fg Qwtz + tr Qtz, Py	tr
1				" " " " " "	
2				as above + tr Qtz	tr
3				98 Blk Gy fg Qwtz + 2 wt Qtz + tr Py	2
4				180 GnGy Blk Mg Qwtz + tr Qtz + tr Py	tr
5				as above	
6				100 GnGy f-mg Qwtz.	
7				as above.	
8				as above.	
9				as above + tr Qtz Py	tr
5 0				100 Gn Gy fg mg Qwtz.	
1				100 GnGy/Blk fg Qwtz.	
2				as above.	
3				99 " " " " + 1% clear/wt Qtz + tr Py	
4				100 " " " "	
5				100 GyGn/Blk f-mg Qwtz. + tr Py	
6				100 " " Mg Qwtz	
7				as above.	
8				as above	
9				" " + tr Qtz Py	tr
6 0	WA7160		↓	" " + " " "	tr

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA 72 | PROSPECT. WESTERN ARM

TENEMENT. ERL 97 | LOGGED BY. W. Llooper

CO ORDINATES. 42610 E | CROSS SECTION. E

61870 N | LONG SECTION. N

RL

DRILL HOLE TYPE. RC | COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 | DRILLER. GADEN

DATE STARTED. 19 / 9 / 91 | FINISHED. 19 / 9 / 91

COLLAR INCLINATION. -60 | DIRECTION. 270

SAMPLE SERIES from. WA7201 to. WA7260

WATER FLOW (est) ....(gph)

REMARKS: Pre collar 6m

~~[illegible]~~ 4 face sampling 5 3/4 inch hammer, good recovery

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA72

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
1	WA7201		Sol	Blk soil.	
2	↓		CLA	Br clay	
3	↓		↓	Br clay + 2% Qtz frag	2
4				70% wt clay + 30 Qtz frag.	30
5			Pg	70% Br Gy Bk Gwk + 20% wt clay + 10% Qtz.	10
6			↓	80 " " 15 " " + 5 "	5
7			↓	95 " " + 4 " + 1	1
8			↓	as above.	
9			↓	90 Br Bk Gy Gwk + 10 wt clay.	
10			↓	98 " " + 1 wt clay + 1 Qtz.	1
1			↓	100 " + Gwk (fg)	
2			↓	as above.	
3			↓	100 v fg Gy Bk Br Gwk	
4			Psl	99 Blk Sst + 1% Qtz.	1
5			↓	100 Gy Br Bk fg Sst + tr Qtz.	tr
6			↓	100 " " "	
7			Pg	100 light Br Gy fg Gwk + tr Qtz.	tr
8			↓	95 " " " " + 5 wt/clear Qtz.	5
Initially wet 9			Pgsl	40 Br Gy Gwk + 60 Blk fg Sst + tr Qtz.	tr
20			Psl g	20 " " + 80 " " to shale.	
1			Pg	100 Br Gy f-mg Gwk.	
Initially wet 2			↓	" " " " + tr wt/clear Qtz	tr
3			↓	100 " " "	
4			↓	as above 70/30 Gy Br / Blk Gy + tr Qtz	tr
5			↓	90 Gy Br Mg Gwk + 10 Bk fg Gwk + tr Qtz.	tr
Box 6			↓	as above + tr Py	
7			↓	80 Blk Gy fg Gwk + 20 Br Gy Gwk + tr Py.	
8			↓	100 Blk v fg Gwk + tr Qtz, Py	tr
9			Psl	100 Blk/Br Mg Sst.	
30	WA7230		↓	as above.	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA72

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
Wet. 3 1	WA7231		Pslm	wet Blk weakly graphitic fg sst. + tr Qtz. tr
2	↓		Pg	90 Gy/Gy Gn Mg Gwk + 8% Blk sst + 2% Qtz + tr Py
3			Qz	40 " " " + 10 " " " + 50% Qtz + tr Py
4			Pg	90 Lt Gy Mg Gwk + 10 Qtz + tr Py. 10
5				80 " " " " + 20 Blk fg sst + tr Qtz tr
6				100 Gy Mg Gwk.
Small Wet 7				100 Gy/Gy Blk m-fg Gwk
Small 8				as above.
9				60 Gy Mg Gwk 38% Blk Gy fg Gwk + 2% Qtz + tr Py
4 0			Psl	95 Blk Gy m-fg sst + Lt Gy Gwk + 1% Qtz + tr Py.
1				100 " " " " + Tr Qtz + tr Py tr
2				as above.
3				100 Blk sst (mg) + tr Qtz, Py tr
4				as above.
5			Pg	99% Gn Gy Mg Gwk + 1% Qtz + tr Py 1
6				99 Gn Gy Mg Gwk + 1% Blk fg sst + tr Qtz Py tr
7				100 Gn Gy Mg Gwk
8				as above + tr Qtz, Py tr
9				as above + tr Qtz, Py tr
5 0				100 Gn Blk fg Gwk + tr Qtz Py tr
1				100 Gn Gy f-mg Gwk.
2				100 Gn Gy f-mg Gwk
3				as above
4				100 Gn Blk fg Gwk.
5			Psl	100 Blk Gy f-mg sst.
6				as above
7				80 Blk f-mg sst 20 Gy fg Gwk + Kspar + tr Py
8				100 " " " + tr Kspar.
9				100 " " " + tr Py.
6 0	WA7260			as above

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA 73 ..... PROSPECT. Western Arm .....

TENEMENT. ERL 97 ..... LOGGED BY. W Cooper .....

CO ORDINATES. 42550 ..... E CROSS SECTION. ..... E

61870 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. RC hollow hammer COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 ..... DRILLER. GADEN .....

DATE STARTED. 14 ./10 ./91 .. FINISHED. 14 ./10 ./91 ..

COLLAR INCLINATION. -60 .... DIRECTION. 270 .....

SAMPLE SERIES from. WA7201 ..... to. WA7260 ...

WATER FLOW (est) ..... (gph)

REMARKS: Hole called WA72 on sample Bags. Should be WA-73. WA72 drilled previously. 6m procollar Good drilling

NORTHERN GOLD N.L.

HOLE No. WA73

WA72 on Sample Bags.

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
1			SoT	Grey Soil.	
2			CLA	RD clay/soil.	
3				95% Gy clay + 5 Qtz.	5
4				100 Gy/Brk wk clay	
5				100 RD Br/Gy weathered [redacted] SSt.	
6			Psl	50 wk clay, 40 Br Brk weathered SSt + 10 Qtz.	10
7				98% Br weathered SSt + 2Qtz.	20
8			Qtz	70% Qtz + 25 Br weathered SSt + 5 wk clay.	70
9			Psl	60% Br SSt + 35 Qtz + 5 wk clay.	35
10				95% " " + 4 wk clay + 1 Qtz.	1
1			Pg	95 Br Gy f-Mg Gwk + 4 wk clay + 1 Qtz.	1
2				95 " " fg Gwk + 5 wk clay + tr Qtz.	tr
3			Psl	80 Br/Brk SSt + 10 Qtz. 5 GyBr fg Gwk + 5 wk clay	10
4			Pg	40 Br f-Mg Gwk + 40 Qtz. 10 wk clay + 10 fg SSt.	40
5				85 Br " " " + 10 Qtz + 5 wk clay.	10
6				40 Br fg Gwk + 60 Br Gy Mg SSt	
7			Psl	100 Br/Gy/Brk f-Mg SSt.	
8			Qtz	50% Qtz + 40% Br Gy M-fg Gwk + 10 Gy Brk fg SSt.	50
9			Pg	100 Br Gy f-Mg Gwk.	
20				as above.	
1				as above.	
2				100 Br/Gy fg Gwk.	
BOX 3				60 " " " + 40 Brk SSt.	
4			Psl	80 GyBk SSt + 19 GyBr fg Gwk + 2Qtz.	2
5			Pg	100 Gy, Gy/Brk f-Mg Gwk.	
6				as above.	
7				" "	
8				" "	
9				" "	
30				" "	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA 73

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
31			Pg	95 Gy/Bk fmg Gwtz + 5 wt Qtz/ + Jtr Py S	
2				100 " " " "	
3				as above	
Dry 4				as above + tr Py	
Wet 5				98 % as above + 2 wt/ clear Qtz + tr Py Z	
6				as above	
7				99 Gy,Gn/Bk fmg Gwtz + 1% Qtz. (Jtr (contamination))	
8				as above.	
9				100 Gy,Gn/Bk f-mg Gwtz.	
40				as above + tr Qtz.	tr
1				" " + " "	tr
2				60 Gy/Bk fmg Gwtz.	
3				as above.	
4				as above + tr Qtz.	tr
5				100 Gy/Bk f-mg Gwtz.	
6				100 Gy/Gn/Bk f-mg Gwtz.	
7				as above.	
8				" "	
9				100 Gy/Gn fg Gwtz.	
50				" " f-mg Gwtz	
1				as above.	
2			Pmg	20% as above + 80% Blk Shale/fg SSt.	
3			Pm	100 Blk/Gy Vfg SSt/ shale + tr Qtz	tr
4				100 Blk Blk/Gy shale + Jtr Qtz.	Jtr
5			Pg	99 Gy,Gn/Blk fg Gwtz + 1% Qtz.	1
6				100 Gy/Gn/Bk fmg Gwtz.	
7				as above.	
8			Pgm	60 as above 38 Blk shale + 2 Qtz + Jtr Py Z	
9			Pm	100 Blk shale + Jtr Qtz, Py	Jtr
60			Pg	100 Gy/Gn f-mg Gwtz. + tr Py	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA 74 ..... PROSPECT. Western Arm .....

TENEMENT. ERL 97 ..... LOGGED BY. W C Cooper .....

CO ORDINATES. . 42590 .... E CROSS SECTION. ..... E

. . 61790 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. RC . face sampling hammer COMPLETED/ABANDONDED

DRILL RIG. WARMAN . 1000 ... DRILLER. . GADEN: .....

DATE STARTED. 20. /. 9. /. 91. . FINISHED. 20. /. 9. /. 91. .

COLLAR INCLINATION. . -60 ... DIRECTION. 270 .....

SAMPLE SERIES from. WA7401 .... to. . WA7460 . .

WATER FLOW (est) ..... (gph)

REMARKS: Good sample return for whole hole. wet from 39m

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA74

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
1	WA7401		Sol	Blk Sol.	
2	↓		CLA	95 Wt Clay after Gwk? + 3 Blk sol + 2 Qtz frag.	2
3				98 " " + 2 Qtz.	2
4				100 " " + tr Qtz.	tr
5				95 " " + 5 Br SSt.	
6				as above	
7			Br	50 wt clay + 50 Br f-mg Gwk.	
8				20 " " + 80 " " "	
9			Psl	10 " " + 90 Br ~~[illegible]~~ → SSt.	
10			Psl	5 " " + 95 " ~~[illegible]~~ "	
11			Psl	100 Br ~~[illegible]~~ → SSt.	
12				as above.	
13				100 Br f-Mg SSt.	
14				as above	
15				as above	
16				95 Br f-Mg SSt + 5 wt/clear Qtz.	5
17				100 " " " + tr Qtz.	tr
18				100 " " "	
19				as above.	
20				" "	
21			↓	" "	
22			Qtz	60 clear/wt Qtz + 40 Br fg Gwk.	60
23			Pg	90 Br fg Gwk + 10 wt/clear Qtz.	10
Wet 24				80 " " " + 20 " " "	20
Wet 25				100 " " " + tr Qtz.	tr
Dry 26				70 " " " + 30 Qtz.	30
27			↓	100 Blk Gy fg Gwk + tr Qtz Py.	tr
28			Pslm	100 Blk Graph fg SSt → shale + tr Qtz, Py.	tr
29			↓	85 " " " " + 15 Qtz + tr Py	15
30	WA7430		Pslg	99 " " fg Gwk-SSt + 1 Qtz + tr Py	1

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA74...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	Qtz
31	WA7431		Pslm	100 Blk Graph Sst → Shale + tr Qtz Py	tr
2	↓		Pm	60 Blk Graph Sst → Shale.	
3			↓	as above + tr Qtz Py K-spar	tr
4				100 Blk Graph Shale + tr Py	
5				" " " " + tr Qtz Py	tr
6				100 Blk Graph Shale	
7			↓	60 Bk Graph Shale + 40 Clear/wt Qtz + tr Py	40
8			Pg	80 Gy Br fg Gwk + 20 " " " + "	20
9				100 " " " " + tr Qtz Py	1
40				as above + Tr Qtz Py + tr K-spar	tr
1				100 Gy Gn fg Gwk + tr Qtz Py	tr
2				98 " " " + 2% Clear/wt Qtz + Py + tr Py	2
3			Psl	100 Blk fg [illegible] → Sst + tr Qtz + 1% Py	tr
4			↓	as above.	tr
5			Pg	99 Br Gn Bk Gy fg Gwk + Tr Qtz + 1% Py	tr
6			↓	98 Br " " " " + 2% Qtz + Tr Py	2
7				as above + tr K-spar	tr
8			Pslm	98 Blk Sst → Shale + 2% Qtz + tr Py, K-spar	2
9			Qtz	90 wt/clear Qtz + 10 Blk shale/sst + tr Py	90
50			Pg	95 Bk Gy Br fg Gwk + 5 Qtz + 1% Py + tr K-spar	5
1			↓	99 " " " " + 1 " + tr Py	1
2			Pgsl	40 Bk Sst + 50 Gy Gn fg Gwk + 10 Qtz + tr Py K-spar	10
3			Psl	80 " " + 18 " " " + 2 Qtz + Tr Py	2
4			↓	100 Bk Sst + Tr Qtz + 1% Py	tr
5			Pm/Pmsl	100 Bk Graph Sst → Shale + tr Qtz Py	tr
6			Qtz	70 clear/wt Qtz + 30 Bk Shale + Tr Py	70
7			Pgsl/Pmsl	40 " " " + 60 Bk Sst → Shale + Tr Py + tr K-spar	tr
8			Pm	99 Bk Sst → Shale + 1 Qtz + Tr Py	1
9			↓	as above.	1
60	WA7460		Pg	95 Bk fg Gwk → Sst + 5 wt/clear Qtz + tr Py	5

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA 75 PROSPECT. Western Arm

TENEMENT. LOGGED BY. WL

CO ORDINATES. E CROSS SECTION. E

61790 N LONG SECTION. N

42570 RL

DRILL HOLE TYPE. WARMAN 1000 COMPLETED/~~ABANDONDED~~

DRILL RIG. RC hollow hammer DRILLER. GADEN

DATE STARTED. 16./.10./91 FINISHED. 16./.10./91

COLLAR INCLINATION. -60 DIRECTION. 270

SAMPLE SERIES from WA7501 to. WA7560

WATER FLOW (est) .....(gph)

REMARKS: 6m Pre Collar

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA75 . . . .

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	Qtz
	1	WA7501		Sol	Blk Soil.	
	2			CLA	80 Blk Soil (weathered) + 20 wt clay	
Pre Collar	3			CLA	60 wt clay, 30 Br SSt + 10 Qtz frag.	10
	4			↓	60 " " , 20 " " + 20 Qtz "	20
	5				70 " " , 10 " " + 20 Qtz "	20
	6				60 " " , 10 Blk SSt - 30 Qtz.	30
	7			Qtz	90 Qtz + 10 Br SSt. (clay)	90
	8				90 " + 10 Br/Blk SSt	90
	9				70 " + 30 " " "	70
	10				90 Qtz + 10 Br SSt. (clay)	90
	1				as above.	90
	2				70 Qtz + 30 Br SSt (clay)	70
	3			↓	60 Qtz + 40 Br/Blk SSt.	60
	4			Psl	100 Br/Bk SSt to vfg Gwk.	[illegible]
	5				as above.	
	6				99 as above + 1 Qtz.	1
	7				90 " " + 10 Qtz.	10
	8				80 " " + 20 "	20
	9			↓	as above.	20
	20			Pg	90 Br fg Gwk + 10 Qtz.	10
	1			↓	98 Br, Br/Bk f-mg Gwk + 2 Qtz.	2
	2			Psl	95 Br SSt + 5 Qtz.	5
Box	3			↓	99 Br/Gy SSt + 1 Qtz.	1
	4			Pslm	100 Br, Gy/Blk fg SSt → Shale + tr Qtz.	tr
	5				99 " " " " + 1 Qtz + tr Py	1
	6			↓	95 Gy/Br fg SSt to shale + 5 Qtz + tr Py	5
	7			Pg	99 Gy f-Mg Gwk + 1 Qtz.	1
	8				100 " " "	
	9				100 Gy/Blk f-Mg Gwk + tr Qtz, Py	tr
	30	WA7530		↓	As Above	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA75

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	Qtz
31	WA7531		Psl	99 Gy, Gy/Blk SSt + 1Qtz + tr Py.	1
2	↓		Pslm	100 " " " " to shale. + tr Qtz.	tr
3			Pg	100 Gy/Grn fmdg Gwk + tr Qtz	tr
4			Pm	60 Blk shale + 30 Gy/Blk SSt + 10 Gy/Grn Gwk.	
5			Pg	95 Blk/Gy fg Gwk + 5Qtz.	5
6			↓	100 " " " "	
7				100 Blk/Gy vfg Gwk to SSt + tr Qtz.	tr
8				100 " " fg Gwk.	
9				100 " " " " + tr Qtz	tr
40			Pgsl	100 Blk vfg Gwk to Sst.	
1			Psl	100 " SSt + tr Qtz	tr
2			Pslm	98 " SSt to shale + 2Qtz + 1tr Py	2
wet 3			Pg	100 Blk/Gy fg Gwk	
↓ 4			Pslm	100 Blk SSt to shale.	
5			Psl	100 Blk SSt + tr Qtz, Py	tr
6			Pg	100 Blk/Gy fg Gwk + tr Qtz, Py	tr
7				as above	
8				" "	
9				100 Blk Gy fg Gwk	
50				as above.	
1				" "	
2			↓	" "	
3			Psl	100 Blk SSt + tr Qtz, Py	tr
4				as above.	
5				100 Blk SSt	
6			↓	98 " " + 2Qtz + tr Py	2
7			Pg	100 Gy Blk fg Gwk + tr Qtz, Py	tr
8				95 " " " " + 5Qtz + 1 tr Py	5
9				60 " " " " + 40 Qtz + tr Py	40
60	WA7560		↓	as above.	40

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA76 PROSPECT. Western Arm

TENEMENT. ERL 97 LOGGED BY. [illegible]

CO ORDINATES. 42550 E CROSS SECTION. E

61790 N LONG SECTION. N

RL

DRILL HOLE TYPE. RC hollow hammer COMPLETED/~~ABANDONED~~

DRILL RIG. WARMAN 1000 DRILLER. GADEN

DATE STARTED. 15./.10./.91 FINISHED. 15./.10./.91

COLLAR INCLINATION. -60 DIRECTION. 270

SAMPLE SERIES from WA7601 to. WA7660

WATER FLOW (est) .....(gph)

REMARKS: 6m precollar, good drilling

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA76

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
1	WA7601		Sol	Blk soil	
2			CLA	100 Rd/Br clay	
3				95 Br/Gy weathered Gwk + 5 Qtz	5
4				70 " " " " + 30 Qtz	30
5				95 Br/Gy wt clay (after Gwk?) + 5 Qtz.	5
6				as above.	5
7			Psl	60 wt clay + 35 Br SSt + 5 Qtz.	5
8				60 " " + 40 " "	
9				80 Br SSt + 20 wt clay	
10				60 Br SSt + 20 wt clay + 20 Qtz.	20
1			CLA	100 wt clay (Br Oxidized coarse) (Oxidized SSt)	
2				100 Br Ox SSt + tr Qtz.	tr
3			CLA	100 wt clay.	
4			Psl	60 Br Mg SSt + 40 Qtz.	40
5			Pg	60 Br f-Mg Weathered Gwk	
6				as above.	
7				100 Br Blk fg Gwk → SSt.	
8				100 Br f-Mg Gwk	
9				100 Br/Blk f-Mg Gwk	
20			Pgsl	100 Br Blk fg Gwk → SSt + tr Py	
1			Pslm	100 Blk Br fg SSt → Shale + tr Qtz	tr
2			Pm	100 Blk Br Shale + tr Py	
3			Psl	100 Blk SSt + tr Py	
4				as above.	
5				" "	
6				98 Blk SSt + 2 Qtz.	2
7			Psly	100 Blk Mg SSt → fg Gwk.	
8			Pslm	100 Blk fg SSt → Shale.	
9			Pm	100 Blk Shale + tr Qtz.	
30	WA7630		J	100 Blk Shale + tr Qtz.	

Re Collar ↓ Small

Box

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA76

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	Qtz
	31	WA7631		Pg	100 Blk/Brn f-Mg Gwk + 1 tr Qtz + tr Py	tr
	2	↓		↓	as above.	
Damp	3	↓		↓	100 Blk/Gy/Brn fg Gwk	
	4				as above	
	5				" "	
Wet.	6			↓	100 Blk/Gy f-mg Gwk.	
Damp	7			Pmsl	100 Blk Shale + fg Sst + tr Py	
Dry	8			Pg	100 Blk/Gy f-Mg Gwk + tr Qtz, Py	tr
	9			Psl	100 Blk fg Sst + tr Qtz, Py	tr
	40			Pg	100 Blk/Gy f-Mg Gwk + tr Qtz, Py	tr
	1			↓	100 Blk/Gy fg Gwk	
	2				as above + 1 tr Qtz, Py	tr
	3			Pm	100 Blk Graph shale + 1 tr Qtz, Py	tr
	4			↓	100 Blk Graph Shale + 1 tr Qtz + tr Py	tr
Damp	5			↓	100 " " "	
Wet	6			↓	60 " " " + 40 Blk Gy Spotted tuffrac	
	7			Pvftm	80 Gy/Blk Gy Blk spotted tuff + 20 Shale + tr Qtz	
	8			↓	100 Gy, Gy/Blk spotted tuff.	
	9			Pftm	30 " " " + 60 Blk Sst + 10 Qtz	
	50			↓	80 Gy/Gy Blk Spotted tuff + 20 Blk Sst	
	1			↓	as above.	
	2			↓	" "	
	3			Pslg	100 Blk dirty Siliceous Sst	
	4			↓	100 Blk Siliceous Sst.	
	5			↓	as above + tr Qtz	
	6			↓	100 Gy Blk (Dark Red) Siliceous Sst.	
	7			Pg	100 Gy/Blk fg Gwk + tr Qtz.	tr
	8			Psl g	100 Blk Siliceous Sst	
	9			↓	as above	
	60			↓	" "	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA77 PROSPECT. Western Arm

TENEMENT. ERL 97 LOGGED BY. [illegible]

CO ORDINATES. 42530 E CROSS SECTION. E

6790 N LONG SECTION. N

RL

DRILL HOLE TYPE. RC hollow hammer COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 DRILLER. GADEN

DATE STARTED. 15./10./91 FINISHED. 15./10./91

COLLAR INCLINATION. -60 DIRECTION. 270

SAMPLE SERIES from WA7701 to. WA7760

WATER FLOW (est) .....(gph)

REMARKS: 6m pre collar, Good drilling

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WAT1 . . . .

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
1	WAT101		Sol	Blk soil + Wt clay
2			CLA	90% wt clay + 10 Br Gywk + tr Qtz. tr
3				90% wt clay (Br stain) + 10 Qtz frag. 10
4				80% wt clay " " + 10 Br SSt + 10 Qtz frag.
5				as above. 10
6			Pg	60% Gy Micaceous Gywk (Wetland) 35 wt clay + 5 Qtz 5
7			CLA	60% Gy wt clay + 25% Qtz + 15 Br Blk shale 25
8			Pvtm	60% Gy spotted (tuffaceous?) fg SSt + 30 Blk shale + 10 Qtz. 10
9			Pvtsl	80 Gy/wt ↓ spotted tuffaceous? fg SSt/clay + 10 Qtz + 10 Blk sh 10
10			Pg	80 Gy/Vitric Clast + 10 wt tuffaceous SSt + 10 Qtz. 10
1			Pvtm	50 Gy wt clay (tuffaceous) SSt? + 50 Gy Blk Clast + tr Qtz
2			↓	70 Blk clasty ~~SSt~~ + 30 wt clay (spotted tuff.).
3			Psl	60 " " SSt + 40 " " " "
4				80 " " " + 20 wt spotted tuffaceous
5			↓	95 Br fg SSt + 5 wt clay (after spotted tuff?)
6			Pslm	100 Br Blk vfg SSt → M/stone
7				as above.
8				as above
9				100 Br Blk vfg SSt → M/stone + tr Qtz. tr
20				100 Blk/Br M stone → shale + tr tr Qtz. tr
Box 1			Pm	100 Blk/Br shale
2				" " "
3				" " "
4				as above.
5				" "
6			Psl	100 Blk/Gy fg Siliceous SSt.
7				as above
8				as above + tr Pg
9				as above
30	WA7730		Pm	100 Blk shale.

Pre Collar

Dry

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA77...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	
31	WA7731		Pm	100 Blk shale	
Wet 2	↓		↓	as above + tr Py	
3	↓		↓	" " + tr Py	
4				100 Blk shale + tr Qtz, Py	W
5				100 Blk shale.	
6				" " " + tr Qtz, Py	W
7				100 Blk shale.	
8				" " "	
9				" " " + tr Qtz, Py	W
40				as above.	
1				" "	
2				100 Blk shale + tr Py	
3				as above	
Small 4				100 Blk shale	
Small 5				100 Blk shale.	
6				99 Blk shale + 1% Qtz, Py	I
7				100 Blk shale.	
8				as above.	
9				" "	
50				100 Blk shale + tr Qtz, Py	W
1				as above.	
2				" "	
3				99 Blk shale + 1% wt Qtz + tr Py	I
4				as above.	
5				100 Blk shale + tr Qtz, Py	W
6				as above.	
7				100 Blk shale + tr Py	
8				100 Blk shale + tr Qtz, Py	W
9				as above	
60	WA7760			" "	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA78 ..... PROSPECT. Nelson Area .....

TENEMENT. ERL 97 ..... LOGGED BY. W.L. Langer .....

CO ORDINATES. ..... E CROSS SECTION. ..... E

..... N LONG SECTION. ..... N

61973.5

..... RL

DRILL HOLE TYPE. RC Hollow hammer COMPLETED/~~ABANDONDED~~

DRILL RIG. WARMAN 1000 ..... DRILLER. GADEN .....

DATE STARTED. 16./.10./.91.. FINISHED. 17./.10./.91..

COLLAR INCLINATION. -60. ... DIRECTION. 270. .....

SAMPLE SERIES from. WA781 .... to. WA786 ..

WATER FLOW (est) ..... (gph)

REMARKS: 6m Re Collar 18m east of WA69.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA79

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
1	WA7801		S.P	60 Qtz frag + 40 Br Blk soil	60
2			CLA	" " " + " " " Soil / clay	60
3			↓	100 wh clay.	
4			Psl	30 " " + 70 Br/BY SSt.	
5			Pg	100 Gy/Br f-mg Gwk. (clay)	
6				" " " fg Gwk. (clay)	
7			↓	100 " " " " "	
8			Psl	100 Gy fg SSt (clay)	
9			↓	100 Blk/Br SSt.	
10			Pm	100 Gy Blk clay (after M/Slate/Shale) BrOxidised	
1			Psl	100 Blk/Br SSt.	
2			↓	as above.	
3				" " + tr Qtz.	
4			↓	as above.	
5			Pslm	100 Blk/Br SSt → Shale.	
6			Pg	100 Gy/Br fg Gwk.	
7			↓	100 " " Vfg wk to SSt	
8			Pslm	100 Blk/Br SSt to shale + tr Qtz.	
9			Pslg	100 Blk/Br SSt to fg Gwk.	
20			↓	as above + tr Pg.	
1			↓	as above + tr Qtz.	tr
2			Pg	100 Br fg Gwk.	
3			↓	as above	
4			↓	" " + tr Qtz.	tr
5			↓	" " + " "	tr
Box 6			↓	100 Br/Gy fg Gwk.	
7			↓	100 " " fmg Gwk + tr Qtz.	tr
8			Pslm	100 Blk SSt → Shale	
9			Pslg	100 " SSt → fg Gwk.	
30	WA7830		↓	60 Blk SSt + 40 Gy Br fmg Gwk.	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA78....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Lag.	DESCRIPTION	Qtz
31	WA7831		Psl	100 Blk Sst.	
2	↓			" " "	
3				as above + tr Qtz.	tr
Damp 4				" " " " "	tr
Dry 5				100 Blk Sst + tr Qtz.	tr
6			Pg	100 Gy f-mg Gwk.	
7				90 " " " + 10 Blk Sst.	
8				100 Gy f-mg Gwk	
9				99 " " " + 1 Qtz.	1
40				100 " " " + tr Qtz.	tr
Wet 1				99 " " " + 1 Qtz.	1
2		small		as above.	tr
3				100 Gy → Gy/Blk f-mg Gwk.	
4			Psl	100 Gy Blk Sst.	
5				as above + tr Qtz.	tr
6				as above + tr Py	
7			Psl/g	100 Gy Blk Sst → f-g Gwk.	
8			Psl	100 " " Sst.	
9		small		as above	
50		small/v.sm	Pg	80 Gy(Gn) f-g Gwk + 20 Blk Sst.	
1		"		as above.	
2		"		60 Gy(Gn) f-mg Gwk + 40 Blk Sst + Mtr Qtz.	tr
3		"		as above.	tr
4		"		50 Gy(Gn) f-mg Gwk + 40 Blk Sst + 10 Qtz.	10
5		"	Psl/g	90 Blk Sst + 10 Gy f-mg Gwk + tr Qtz.	tr
6		"	Pg	95 Gy f-mg Gwk + 4 Blk Sst + 1 Qtz.	1
7				100 " " "	
8	↑			100 Gy f-g Gwk	
9				70 " " " + 30 Blk Sst + tr Qtz.	tr
60	WA7860		↓	100 Gy f-mg Gwk	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA19 ..... PROSPECT. Western Arm .....

TENEMENT. ERL 97 ..... LOGGED BY. W.L Cowper .....

CO ORDINATES. 42500 ..... E CROSS SECTION. ..... E

62140 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. RC hollow hammer COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 ..... DRILLER. GADEN .....

DATE STARTED. 18 ./.10 ./.91 .. FINISHED. 18 ./.10 ./.91 ..

COLLAR INCLINATION. -60 ... DIRECTION. 270 .....

SAMPLE SERIES from. ..... to. .....

WATER FLOW (est) .....(gph)

REMARKS: 6m pre Collar. 7 samples Collected in first 6m
don't know where mistake happened.
∴ Sample WA7914 is WA7913 in depth.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA 79

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
1	WA7901		Pst	70 Blk Gy Br SSt + 30 Qtz.	30
2	↓		↓	98 " " " " + 2 Qtz.	2
Pre-Collar 3				90 " " " " + 10 Qtz.	10
4				99 " " " " + 1 Qtz.	1
5				100 as above + tr Qtz.	tr
6				100 Rd Br Blk SSt.	
7				100 Rd Br Gy SSt + tr wh clay.	
8				100 " " " "	
9				as above.	
10				100 Blk/Br fgSst to Shale.	
1				as above.	
2				" "	
3				60 as above + 40 Qtz.	40
4				100 Rd Purple SSt.	
5			Pslm	30 " " " 70 Blk SSt → Shale.	
6			Psl	100 Rd/Blk/Br SSt + tr Qtz.	tr
7			↓	as above	tr
8			Pslm	100 Rd/Blk/Br fgSst → Shale + tr Qtz	tr
9			↓	as above.	tr
20			Pm	60 Blk/Gy/Br Shale.	
1			↓	70 " " " + 30 wh/clear Qtz.	30
2			↓	100 " " " + tr Qtz.	tr
3			↓	100 " " "	
4			Psl	100 Gy/Blk SSt.	
5			Pvtsl	100 Gy/Br Tuffaceous? SSt.	
6			↓	100 Gy/Pink Spotted (Mica?) SSt. (tuffaceous)	
7	↑		↓	as above	
8			↓	as above.	
Box. 9			Psl	100 Blk/Gy SSt.	
30	WA7930		↓	as above.	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA 79 ...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
31	WA7931		Psm	100 Blk/Gy Py SSt → Shale
2	↓		↓	99 Blk Gy " " " + 1 Qtz.
3	↓		↓	100 " " SSt → Shale
4			↓	as above
5			↓	" "
6			Pm	100 Blk Shale.
7			↓	as above
8			↓	" "
9			Psm	100 Blk SSt → Shale.
40			Pm	100 Blk shale.
1			↓	as above
Dry 2			↓	as above
Damp 3			↓	as above
" 4			↓	" "
" 5			↓	" "
" 6			↓	" "
Wet 7			↓	" "
8			↓	100 Blk shale + tr Py
9		Small	Py	80 Gy fg Cmk + 20 Blk shale + tr Py
50			↓	100 " " " + tr Py
1			↓	100 GyBr " "
2			↓	100 Blk Gy fg Cmk.
3			↓	as above
4			↓	" "
5			Pym	60 " " + 40 Blk shale + tr Qtz. tr
6			↓	as above
7			Pm	100 Blk shale + 1 tr Qtz + tr Py tr
8			Psl	100 Blk SSt + tr Qtz, Py tr
9			↓	100 " "
60			Pm	100 Blk shale.

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WA80 PROSPECT. Western Arm

TENEMENT. ERL97 LOGGED BY. [illegible]

CO ORDINATES. 42529 ... E CROSS SECTION. ..... E

... 62140 ... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. RC hdbw hammer COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 ... DRILLER. GADEN .....

DATE STARTED. 18 ./.10 ./.91 .. FINISHED. 18 ./10 ../.91 ..

COLLAR INCLINATION. -60 ... DIRECTION. 270 .....

SAMPLE SERIES from..... to.....

WATER FLOW (est) .....(gph)

REMARKS: ~~RAB~~

Im lost Between 48 + 54 m only 5 samples
∴ Sample WA54 = 55m down hole. before 48m OK.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA 90...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION	Qtz
1	WA8001		Qtz	80 % Qtz + RJ Sed	80
2	↓		J	90 % Qtz + 10 Sst fragments.	10
3			Psly	30 % " + 70 Gy Br Vfg Cmtx / Sst.	30
4			Qtz	70 % Qtz + 30 " " " " / "	70
5			Psly	40 % " + 60 " " " " / "	40
6			Psl	90 % Gy Br Vfg Blk / Sst + 10 Qtz.	10
7			↓	90 % Gy Br Blk Sst + 10 Qtz.	10
8				as above.	10
9				100 Gy Br Blk Sst + tr Qtz.	tr
10				95 " " " " + 5 Qtz.	5
1			↓	as above + tr Py	5
2			Pm	90 Gy Blk Br Shale + 10 Qtz + tr Py	10
3			↓	99 " " " + 1 Qtz.	1
4				100 " " " " + tr Qtz	tr
5			Psl	100 Br Gy Blk Sst	
Box 6			Pslm	95 Blk Rd Sst → Shale + 5 Qtz	5
7			↓	98 " " " " + 2 Qtz.	2
8			Pm	99 Blk Shale + 1 Qtz.	1
9			↓	98 Blk Rd Shale + 2 Qtz.	2
20				100 " Shale to Sst + tr Qtz.	tr
1				98 " " to " + 2 Qtz.	2
2				60 Blk Shale/Sst + 60 Gy tuffaceous Sst.	
3				100 Blk Rd Shale/Sst	
4			↓	100 Blk Shale + tr Qtz.	tr
5			Psl	95 Blk Sst + 5 Qtz.	5
6			Pslm	100 Gy Blk tuffaceous Sst. + tr Qtz.	tr
7			↓	as above.	
8	↑		Pm	100 Blk Br Vfg Sst / Shale.	
9	↑		↓	100 Blk Shale	
30	WA8030		↓	as above.	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA 80

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
31	WA8031		Pm	100 Blk shale + tr Qtz.	tr
2				100 Blk shale.	
3				as above	
4				" "	
5				" "	
6				" "	
7				" "	
8				" " + tr Py	
9				" "	
40				" "	
1				100 Blk shale + tr Py	
2				50 Blk shale + 50 Gy SSt.	
Wet 3				100 Blk shale + tr Qtz, Py	tr
4				100 " " + tr Py	
5				as above.	
6			Pmsl	100 Blk shale/SSt + tr Qtz.	tr
7			Psl	100 Blk SSt + tr Py	
8				as above.	
9				100 Blk SSt + tr Qtz, Py	tr
50			Pslm	100 " SSt/shale.	
1				as above + tr Py	
2				as above.	
3			Psl	90 Blk SSt + 10 Qtz + tr Py	10
4			Pslm	100 Blk SSt/shale + tr Qtz, Py	tr
5			Pm	100 Blk shale + tr Qtz, Py	tr
6				100 " "	
7				as above	
8				" "	
9				" "	
60	WA8060			EOH 59m sample	

accually 60m deep
1 sample missed

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA81.....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
1	WA8101		Sol	Blk soil	
2			CLA	90 wt/Rd clay + 10 Qtz.	10
3				100 Gy clay (alter Gwk?)	
4				90 wt/Gy clay (alter Gwk?) + 10 Qtz.	10
5				80 " " " " + 20 Qtz.	20
6				95 Gy Blk wt clay/Gwk + 5 Qtz.	5
7			Qtz	90 Qtz + 5 Br Sst + 5 wt clay	90
8			Psl	30 " + 50 " " + 20 " "	30
9			Qtz	70 " + 30 Br Sst.	70
10			Psl	80 Br Sst + 10 wt Clay	
1				95 " " + 5 Qtz.	5
2			Qtz	50 " " + 50 "	50
3				90 Qtz + 10 Br Sst.	90
4			Psl	60 Br/Blk Sst + 40 Qtz.	40
5			Qtz	90 Qtz + 10 Br/Blk Sst.	90
6			Psl	100 Br Gy Sst.	
7				99 " " " < 1% Qtz.	1
8			Pg	100 Br fg Gwk + tr Qtz	tr
9				100 Gy Br fg Gwk	
Box. 20				as above.	
1				as above	
2				100 Blk Gy/Br fg Gwk	
3				as above + tr Qtz.	tr
4				100 Blk Gy Mg Gwk	
5				100 M- Coarse Grained Gwk	
6				as above.	
7				100 My Blk Gwk	
8				100 Gy Blk m-fg Gwk	
9				100 " " " "	
30				99 as above + 1 Qtz	1

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA81....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION
31	WA8131		Pg	100 fg Blk Gwke + tr Qtz.
2				100 Blk/Gy fg Gwke.
3				as above.
4				" "
5				" "
6			Psl	100 Blk SSt.
7				100 " "
8				100 Blk SSt.
9			Pm	100 Blk shale.
40				100 Blk shale + tr Qtz.
1			Psl	100 Blk SSt.
2				as above
3				EOH
4				
5				
6				
7				
8				
9				
50				
1				
2				
3				
4				
5				
6				
7				
8				
9				
60				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA 82...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
1			Sol	Sol + tr Qtz frag	
2			CLA	Rd clay + 30 Qtz.	30
3			↓	50 wh clay + 50 Qtz frag	50
4				70 " " + 30 Qtz frag	30
5				as above.	30
6			↓	20 wh clay + 40 Blk Sst + 20 Br Sst + 20 Qtz.	20
7			Qtz	80 Qtz + 10 wh clay + 10 Br Sst.	30
8			↓	60 " + 30 Blk Clay + 10 Br Sst → shale.	60
9			Pdm	20 Qtz + 40 " " + 40 Blk Sst → Shale.	20
Wet. 10			↓	as above.	20
1			Psl	100 Br Sst + tr Qtz.	tr
2				95 " " + 5 Qtz.	5
3			Pgsl	60 Gy Br Gwk + 40 Blk Sst + tr Qtz Py	tr
4			Psl	100 Br Gy Sst + tr Qtz.	tr
5			Pg	80 Gy Br fg Gwk + 20 Qtz.	20
6			↓	100 " " " " + tr Qtz.	tr
7			Qtz	40 " " " " + 60 Qtz (fine sample)	60
8			↓	100 wh Qtz.	100
9			Pg	60 Gy f-mg Gwk + 40 wh Qtz.	40
20			↓	as above.	40
Box 1			Qtz	70 wh Qtz + 30 Gwk.	70
2			↓	50 " " + 50 " + tr Py	50
3				75 " " + 25 " + tr Py	75
4			↓	60 Qtz + 40 Gy Br Sst + tr Py	60
5			Pg	70 fg Gy Gwk + 30 Qtz + 1 tr Py	30
6				as above.	30
7			Qtz	80% Qtz + 20 Blk shale. + Tr Py	30
8			Psl	80 Blk Sst + 20 Qtz + tr Py	20
9			↓	60 " " + 40 Qtz + tr Py	40
30			Pg	60 Gywk fg + 40 Qtz + tr Py	40

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. W.A.82....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	
31	R231		Pg	70 Gwk - 30 Qtz + 1+ Py	30
2	↓		Psl	90 Blk Br Sst + 10 Qtz + tr Py	10
3			Ps	95 fg Gy Gwk + 5 Qtz + tr Py	5
4			↓	as above.	5
5				90 fmg Gwk + 10 Qtz + tr Py	10
6			Psl	95 Gy Blk Sst + 5 Qtz + tr Py	5
7			Pg	99 Gy fg Gwk + 1 Qtz.	1
8			Psl	100 Blk/Gy Sst + tr Qtz.	tr
9			Pg	95 " " fg Gwk + 5 Qtz + tr Py	5
40			↓	100 Blk Gy " " + tr Qtz, Py	tr
1			Psl	100 Blk/Gy Sst	
2			↓	→ clean + tr Qtz	tr
3				100 Blk Sst.	
4			Psl/m	100 Blk Sst to shale.	
5			Pm	100 " shale + tr Qtz	tr
6			Psl/m	100 Blk Sst → shale.	
7			Psl	100 Blk Sst.	
8			Pg	100 Blk/Gy fg Gwk	
9			↓	100 " " fmg Gwk.	
50			↓	100 Gy Gn Blk " "	
1				as above.	
2			Psl	100 Blk Sst.	
3			↓	100 Gy Blk Sst	
4			Pg	100 Gy Blk fg Gwk.	
5			Psl/m	100 Blk Sst → shale.	
6			Pm	100 Blk shale	
7			↓	95 Blk shale + 5 Qtz + tr Py	5
8			↓	90 " " + 10 Qtz + tr Py	10
9			Psl	100 Blk Sst + tr Qtz, Py	tr
60			Pg	100 Blk Br Gy fmg Gwk + tr Py	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA 83

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION	Qtz
1			Sol	Blk soil	
2			CLA	Rd soil/clay + (60 Sst + 40 Qtz)	40
3				Rd wt clay (+ 30 Qtz.	30
4				90 wt clay + 10 Qtz.	10
5				as above after Gwtz	10
6				95 Wt clay + 5 Qtz.	5
7				as above.	5
8			Ps1	60 Br Sst + 30 Blk Sst/clay + 10 Qtz	10
9				90 Br clay (Sst) + 10 Qtz	10
10				80 Br Sst + 20 Qtz.	20
1				60 " " + 40 Qtz.	40
2			Qtz	60 Qtz + 40 Br Sst → Gwtz.	60
3			Qtz	100 Qtz + tr Br clay	100
4			↓	as above.	100
5			Ps1	100 Br Sst	
6			Ps1g	100. Br Sst → Gwtz + tr Qtz.	tr
7			↓	as above.	
8			Ps1	99 Br/Blk Sst + 1 Qtz	1
9			Pg	98 Gy Gwtz Blk f-Mg Gwtz + 2 Qtz.	20
20			Ps1	100 Br Sst.	
1			Pg	100 Br Gy Gn fg Gwtz.	
2			↓	as above	
3				" " + tr Qtz.	tr
4				100 Br Gy Blk fg Gwtz.	
5				as above.	
6				" "	
BOX 7				" "	
8				100 Blk/Gy f-Mg Gwtz.	
9				as above + tr Qtz.	tr
30			↓	100 Gy Blk fg Gwtz	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. W183....

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Log Au.	DESCRIPTION	
3 1	8331		Py	90 fgBlk fg Gwk + 10 Qtz.	10
2	↓		↓	98 " " " + 2 Qtz.	2
3				100 fgBlk fg Gwk	
4	↓		Psl	50 Blk/Gy Sst → 50 Qtz + tr Py	50
Wet 5			↓	95 " " + 5 Qtz	5
↓ 6				60 " " + 40 " + tr Py	40
7				90 " " + 10 " + tr Py	10
8			Py	90 fgBlk fg Gwk + 10 Qtz + tr Py	10
9			↓	80 " " + 20 " + " "	20
4 0			Psl	95 Blk/Gy Sst + 5 Qtz + tr Py	5
1			↓	85 " " " + 15 " + tr Py	15
2			Py	99 fgBlk fg Gwk + 1 Qtz	1
3			Qtz	90 wt Clear Qtz + 10 Blk Sst	90
4			↓	97 " " " + 3 " " + tr Py	97
5				99 " " + 1 " " + " "	99
6				100 Qtz + tr Py	100
7			↓	as above.	100
8			Psl	85 Blk Sst + 15 Qtz + tr Py	15
9			Qtz	100 wt / clear Qtz + tr Sst, Py	100
5 0			↓	60 " " " + 40 Sst + tr Py	60
1				as above.	60
2			Py	95 fgBlk fg Gwk + 5 Qtz	5
3			Qtz	60 Qtz + 40 fgBlk fg Gwk + tr Py	60
4			Pm	80 Blk shale + 20 Qtz + tr Py	20
5			↓	as above.	20
6			Qtz	60 Qtz + 40 Blk Sst + tr Kaper, Py	60
7			↓	90 " + 10 " " + tr Py	90
8				80 Qtz + 20 " " + tr Py	80
9				100 Qtz + tr Blk Sst + " "	100
6 0			↓	95 " + 5 " " + " "	95

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WAD 1 ..... PROSPECT. Western Arm .....

TENEMENT. ERL 97 ..... LOGGED BY. .....

CO ORDINATES. 42550 ..... E CROSS SECTION. ..... E

61975 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. Diamond ..... COMPLETED/ABANDONDED

DRILL RIG. WARMAN 750 ..... DRILLER. GADEN .....

DATE STARTED. 21./.8./.91.. FINISHED 24./.8./.91..

COLLAR INCLINATION. -60 ..... DIRECTION. 266° mag .....

SAMPLE SERIES from. ..... to. .....

WATER FLOW (est) .....(gph)

REMARKS:

EOH 59.5m Good recovery using trupple tube
good Driller.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WA01

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
0 - 1				sail
1 - 2				Sail core loss major.
2 - 3				altered Pgf
3 - 4				altered Pgf.
4 - 5				" "
5 - 6				" " minor a.v.
6 - 7				" "
7 - 8				" "
8 - 9				" " minor a.v.
9 - 10				" " with sulfide alteration
10 - 11				" "
11 - 12				" " minor a.v.
12 - 13				Pm / Pgf minor a.v.
13 - 14				Pgf + 5 cm a.v.
14 - 15				Pgf + 10 cm a.v. core loss
15 - 16				Pgf + minor a.v. + sulfide alt.
16 - 17				Pgf stockwork
17 - 18				Pgf + 0.5m a.v.
18 - 19				Pgf + numerous a.v.
19 - 20				Pgf
20 - 21				Pgf
21 - 22				Pgf some veining.
22 - 23				Pgf + 5 cm banded a.v.
23 - 24				Pm stockwork + py. + aspy.
24 - 25				Pgf stockwork + py + aspy
25 - 26				Pgf stockwork + py + aspy
26 - 27				Pgf stockwork + py + haematite + aspy
27 - 28				Pgf stockwork + py + aspy + hm + k-f.
28 - 29				" " " " " "
29 - 30				" " " " " "

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WAD.1...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
30 - 31				Q.V. + altered Pgt. Py + ASPy.
31 - 32				altered Pgt stockwork Py + ASPy.
32 - 33				" " " "
33 - 34				0.5m Q.V. + Py + ASPy + KF + 0.5m Pgt altered.
34 - 35				Q.V. + wall rock Py + ASPy.
35 - 36				Q.V. " " " " + 0.4m Pgt stockwk
36 - 37				Q.V.
37 - 38				Q.V. ± Pgt veining
38 - 39				Pgt stockwk + Py + ASPy.
39 - 40				Alt Pgt + Q.V.
40 - 41				" " + mud Q.V.
41 - 42				" " " " "
42 - 43				0.4m Py Q.V. massive sulfide + 0.6m Alt Pg s.
43 - 44				Pm + Q.V. + Py.
44 - 45				Q.V. + Pm veining
45 - 46				Q.V. + Py + K-F
46 - 47				Q.V. + Py + K-F + ASPy + Psh veining.
47 - 48				0.5m Q.V. + 0.5m Psh.
48 - 49				Altered Pm.
49 - 50				Broken Pgt altered
50 51				" " " mud Q.V.
51 - 52				Brecciated Pgt
52 - 53				" "
53 - 54				" "
54 - 55				Fault cont.
55 - 56				" "
56 - 57				Broken Pgt + 3cm brecciated Q.V
57 - 58				Psl broken
58 - 59				Pgt "
59 - 60				Pgt "

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WAD 2 ..... PROSPECT. WESTERN ARM .....

TENEMENT. ELR 97 ..... LOGGED BY. .....

CO ORDINATES. 42550 ..... E CROSS SECTION. ..... E

62020 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. Diamond ..... COMPLETED/ABANDONDED

DRILL RIG. Warman 750 ..... DRILLER. GADEN .....

DATE STARTED. ../../.. FINISHED. 15./.8./.91..

COLLAR INCLINATION. -45.... DIRECTION. 266 .....

SAMPLE SERIES from. ..... to. .....

WATER FLOW (est) .....(gph)

REMARKS: HQ Tripple tube for entire 60m hole.
Core loss common in Oxidized Zone when Qtz
Veins encountered. EOH 59.8

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WRD 2...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
0 – 1				Major core loss.
1 – 2	0002		0·15	Mainly Qtz.
2 – 3	0003		0·37	Greywacke with minor carbonate vein.
3 – 4	0004		0·39	" 0·3 core loss at Q.V.
4 – 5	0005		0·11	"
5 – 6	0006		0·01	"
6 – 7	0007		0·01	" Minor quartz vein
7 – 8	0008		0·04	" Minor Q.V. core loss
8 – 9	0009		0·29	" Minor Q.V. core loss.
9 – 10	0010		0·10	" and Breccia (late Fault) core loss
10 – 11	0011AandB		( )	10 – 10.3 0011A Pft (0·43) 10.3 – 11 0 11B Pgf (2·11) core loss
11 – 12	0012		0·7	Pgf. core loss.
12 – 13	0013		3·41	Q. V. Core loss
13 – 14	0014		0·32	Pgf.
14 – 15	0015		0·27	Pgf minor q.v.
15 – 16	0016		0·17	Pgf 15·5 sulphide minor.
16 – 17	0017		0·26	Pgf
17 – 18	0018		0·14	Pgf 0.15 (0·51) 0·45 (0·24) 0.2 (0·28) (0·19) 0.2
18 – 19	0019ABCD		( )	19A. Q.V., 19B Pgf, 19C Pgf+QV., 19D Pgf.
19 – 20	0020AB		( )	20A 0·2m Pm+QV. (0·48) 20B 0·8 Pgf (0·64)
20 – 21	0021AB		( )	21A 0·35 Pm+QV (2·13) 21B 0·65 Pgf (0·39)
21 – 22	0022		2·68	Pm + Q·V.
22 – 23	0023AB		( )	A 0·4 Pm 0·46 B 0·6 Pgf 0·40
23 – 24	0024.		0·44	Pgf minor Q·V.
24 – 25	0025		0·22	Pgf Minor Q.V. Sulphide alteration
25 – 26	0026		0·13	Pgf sulphide alteration.
26 – 27	0027		0·16	Pgf Minor Q.V. + Py alteration
27 – 28	0028		0·1	Pgf massive.
28 – 29	0029		0·2	Pgf + Q+Z core loss
29 – 30	0030		0·73	" " core loss.

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. . NA03 . .

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
30 - 31	0031 AB		( )	A 0·45 Q.V. + Pm (1·72) B Pgt (0·73)
31 - 32	0032ABC		( )	A 0·2 Pgt (0·27) B QV + Pm 0·28 (0·46) C 0·55 Pgt. (0·1) core Gsa
32 - 33	0033		0·25	Pgt Minor Q.V. core Gsa
33 - 34	0034		0·2	Pgt " " ± sulphide.
34 - 35	0035		0·06	Pgt minor sulphide
35 - 36	0036		0·16	Pgt
36 - 37	0037		0·4	Pgt minor Q.V. (Barren?).
37 - 38	0038		0·02	Pgt
38 - 39	0039		0·17	Pgt
39 - 40	0040		0·12	Pgt.
40 - 41	0041		0·07	Pgt.
41 - 42	0042		0·01	Pgt
42 - 43	0043		0·04	Pgt
43 - 44	0044		0·01	Pgt
*44 - 45	0045		0·09	A 0·4 Pgt B Pm + sulphide. 0·6.
45 - 46	0046		0·05	Pgt
46 - 47	0047		0·05	Pgt.
47 - 48	0048 AB		( )	A Pgt 0·65 (0·12) B 0·35 Pm + Q.V + py. (6·84)
48 - 49	0049		0·52	Pm + Pgt.
49 - 50	0050		0·04	Pgt
50 - 51	0051AB		( )	A 0·7 Pgt 0·02 B 0·3 ? garnet stuff ? 0·01
51 - 52	0052		0·03	garnet stuff ? + Pgt.
52 - 53	0053		L	Pgt
53 - 54	0054		L	Pgt
54 - 55	0055		L	Pgt
55 - 56	0056		L	Pgt
56 - 57	0057		0·06	Pgt + Q.V.
57 - 58	0058		L	Pgt
58 - 59	0059		L	Pgt
59 - 60	0060		L	0·8 Pgt EOH 59·8

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WAD 3 ..... PROSPECT. .....

TENEMENT. WESTERN ARM ELR97 ..... LOGGED BY. .....

CO ORDINATES. 42520 ..... E CROSS SECTION. ..... E

61940 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. Diamond ..... COMPLETED/ABANDONDED

DRILL RIG. Warman 750 ..... DRILLER. GADEN .....

DATE STARTED. 15./.8./.91.. FINISHED. 21./.8./.91..

COLLAR INCLINATION. -60 ... DIRECTION. 86 .....

SAMPLE SERIES from. ..... to. .....

WATER FLOW (est) ..... (gph)

REMARKS: HQ Tripple tube to 35m then NQ to EOH 119.5m
Good Recovery all through hole.

Down hole camera at 119.5 m -57.5 to 84°

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. WAD3.

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
0 - 1	001		0·12	Black soil - clay.
1 - 2	002		0·01	Sandy - clay.
2 - 3	003		0·2	sandy - clay with large quartz fragments.
3 - 4	004		2·34	saprolitic clay - quartz vein at 4 m.
4 - 5	005A,B		0·6/1·8	A 0·53m Pgf weathered B 0·47m 2tz vein.
5 - 6	006		0·98	weathered Pgf minor 2tz vein 10 cm
6 - 7	007		0·29	weathered Pgf
7 - 8	008		0·88	" " 2tz vein 5 cm.
8 - 9	009A,B		0·77/0·17	A 0·4m 2tz B 0·6 m Laminated Pgf
9 - 10	010		0·75	Laminated Pgf.
10 - 11	011A,B		0·12/0·08	A 0·3m Pgf. B 0·7m 2tz vein
11 - 12	012		0·14	Pgf 5cm 2tz vein.
12 - 13	013		0·08	Pgf
13 - 14	014		0·26	Pgf
14 - 15	015		0·16	Pgf start of stockwork vein 1 cm.
15 - 16	016		0·22	Pgf stockwork
16 - 17	017		0·31	" "
17 - 18	018		0·13	" "
18 - 19	019A,B		0·23/0·07	A 0·75m Pgf stockwork B. 0·25 qtz vein
19 - 20	020A,B		0·17/0·14	A 0·75m Pgf 25 vein 50:50 B 0·25 Pgf
20 - 21	021A,B		0·28/0·04	A 0·5m Pgf. B 0·5m Pgf stockwork
21 - 22	022		1·03	Pgf stockwork
22 - 23	023		0·08	" "
23 - 24	024		0·23	" "
24 - 25	025A,B		0·15/0·14	A 0·7m Pgf stockwork B 0·3m 2tz vein
25 - 26	026		0·19	Pgf stockwork
26 - 27	027		0·33	" "
27 - 28	028		0·14	" "
28 - 29	029		0·24	Pgf minor veins. end of stockwork.
29 - 30	030		0·17	" " "

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA03

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
30-31	031		0.07	Pgf stockwork
31-32	032AB		0.26/0.14	A 0.4m Pgf no veins B 0.6 Pgf minor veins
32-33	033		0.29	Pgf minor veins
033-34	034		1.48	Pgf.
34-35	035		2.53	Pgf minor veins.
35-36	036		1.16	Pgf : qz veins 30 : 70
36-37	037AB		2.51/1.56	A 0.7m qz veins + Psh B 0.3m Pgf qz vein.
37-38	038		0.44	Pgf stockwork
38-39	039A,B,C	0.48	0.5/0.27	A 0.5m Pgf minor veins B 0.3m Pgf : qz veins 60:40
39-40	040A,B	0.43	0.16	A 0.6m Pgf + qz. B 0.4m Pgf. C. 0.2m Pgf.
40-41	041A,B	0.28	7.13	A 0.55 Pgf stockwork B 0.45 Pgf, Laminated qz vein.
41-42	042ABCD	5.3/1	3.7/9.4/3.08	A 0.2 Pgf qz vein B 0.2 qz vein + K-F Py C 0.35 qz vein + Psh D 0.25 K-F qz vein
42-43	043ABC	0.8	0.17/0.19	A 0.2 Psh B 0.6 Pgf + alt. C 0.2 Pgf + qz vein.
43-44	044		0.47	Pgf + qz vein
44-45	045		0.34	Pgf stockwork
45-46	046A,B		0.11/0.48	A 0.8m Pgf stockwork B 0.2m qz vein + K-F, Py.
46-47	047A,B		0.1/0.15	A 0.2m Psh + qz, K-F, Py B 0.8m Pgf + qz vein.
47-48	048		0.36	Pgf minor qz veins.
48-49	049		0.55	Pgf / Pgf minor qz veins
49-50	050AB		0.21/0.01	A. 0.5m qz vein Py, K-F B. Pm + qz vein
50-51	051		0.43	Pgf + qz veins.
51-52	052AB		0.057	A 0.8m Pgf + qz veins B 0.2m qz vein massive Py.
52-53	053ABC	0.1/	0.11/0.03	A 0.4m Pgf small qz vein A B 0.4m qz vein K-F, Py C 0.2 Psh
53-54	054		0.41	Pgf altered minor qz veins.
54-55	055		0.01	Pgf + minor qz veins.
55-56	056ABC	0.26/	0.04/0.42	A 0.6m Pgf + qz veins B 0.3 Pgf altered C 0.1m qz vein K-F Py
56-57	057AB	0.02	/ 0.54	A 0.25m Pgf B Psh, Pgf, qz veins on contact
57-58	058AB	0.2	/ 0.02	A 0.5m Psh + K-F qz Py B 0.5m altered Pgf.
58-59	059ABC	0.04	0.04/0.03	A 0.26m Pgf + qz B 0.2m K-F, biotite qz C 0.55 Pgf alt.
59-60	060AB	0.22	0.02	A 0.65m qz vein B 0.35 Pgf stockwork Py, Biotite

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WAD3...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
60-61	061AB	0.02	/ 0.64	A 0.6m Pgt 2% vein K-F Py & Pgt minor 2%.
61-62	062	0.21		Altered Pgt
62-63	063AB	0.09	/ 0.73	A. 0.7m Altered Pgt B. 0.3m 25 vein Py.
63-64	064AB	0.16	/ 0.21	A 0.6m Altered Psh B 0.4m altered Pgt.
64-65	065AB	0.1	/ 1.72	A 0.4m altered Pgt B 0.6m Psl + Py. (Tuff)
65-66	066	0.11		Pvt
66-67	067AB	0.51	/ 0.13	A 0.4m Pgt 2% vein B. 0.6m Alt Pgt.
67-68	068	0.24		Pgt + Fault.
68-69	069ABC	0.04	0.17/0.16	A 0.25 Pgt B 0.25 25 vein C Pgt. 0.5m
69-70	070	0.44		Pgt minor qtz vein.
70-71	071	0.13		Pvt.
71-72	072AB	1.79	/ 0.16	A. 0.5m Psh + Py + 2% vein B 0.5m Pvt.
72-73	073AB	0.49	/ 0.11	A. 0.7m Psh + 2% vein B 0.3m Psh + tuffaceous + Py
73-74	074	0.13		Pvt
74-75	075AB	0.03	/ 1.97	A 0.5m Pvt B 0.5m Psh + 2% + Py
75-76	076AB	0.19	/ 0.06	A 0.4 Psh + Py B 0.6m Pvt.
76-77	077AB	L	/ L	A 0.3 Pvt B 0.7 Pm
77-78	078	L		Pm + Py.
78-79	079	0.03		" "
79-80	080	L		" "
80-81	081	L		" " + 2 5cm 2% vein + Py + K-F
81-82	082	L		" " 3 " " " "
82-83	083AB	L	/ L	A 0.35m Pm as above. B 0.65 Pvt.
83-84	084	L		Pvt
84-85	085AB	0.03	/ L	A 0.3m 2% + Psh B 0.7m Psh + Py.
85-86	086	L		Pm + Nodules at 86m.
86-87	087	0.02		Pm bedded + Py.
87-88	088AB	0.02	/ L	A 0.6m Psh + Py B 0.4m altered folded Psh
88-89	089AB	0.01	/ 0.01	A 0.4m altered Psh + Py B 0.6m Psh + tuffaceous
89-90	090AB	0.01	/ 0.04	A 0.55m Psh + 2% vein, K-F, Py B 0.45m Psh + Py

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WA03..

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
90-91	091		0.05	PsL +Py
91-92	092		L	Pm Folded +tuffaceous.
92-93	093		0.06	Pm Nodules + tuffaceous layers.
93-94	094		0.21	Pm +tuffaceous + Minor 2½ veins.
94-95	095AB	0.04	/ 0.23	A 0.4m Pm B. 0.6m Pvt.
95-96	096ABC	0.07	/0.01/0.1	A 0.15m Pvt B 0.5m Pm C 0.35 Pvt
96-97	097		0.04	Pvt
97-98	098		L	Pvt
98-99	099AB	0.01	/0.01	A 0.25 Pvt + 2% vein B 0.75 Pvt.
99-100	100AB	0.37	/0.01	A 0.35 2% vein + k-F + Py B 0.65 Pm bedded.
100-101	101		L	Pm - +tuffaceous layers.
101-102	102		L	Pm " "
102-103	103		L	Pm 0.7m " "
103-104	104AB		L/L	A Pm - +tuffaceous layers B 0.3m Pm + 2% vein
* 104-105	105A		L/	Pm + 2% vein: 105A 0.45m 105 0.55m
105-106	106		L	Pvt
106-107	107		0.03	Pm - +tuffaceous.
107-108	108		0.03	Psh Folded + Py.
108-109	109		0.02	Psh + 2% veins
109-110	110AB		L/L	A 0.7 Pm B 0.3m 2% vein K-F, Py.
110-111	111		0.01	Psh - Py
111-112	112		L	Pm
112-113	113AB		L/L	A 0.8 Pm + Py layers. B 0.2 Breccia Pm
113-114	114AB		L/L	A 0.4 Pm B 0.6 Pm/2% Breccia + Cx.
114-115	115AB		L/L	A 0.3 Breccia B 0.7 Psh + Py layers minor 2% vein
115-116	116		L	Pvt
116-117	117		0.1	Pvt
117-118	118		0.05	Pvt
118-119	119		0.21	Pm
119-116	5 120		0.37	Pm + minor 2% vein

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. WAD 4 ..... PROSPECT. .....

TENEMENT. ..... LOGGED BY. .....

CO ORDINATES. 42500 ..... E CROSS SECTION. ..... E

61990 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. Diamond ..... COMPLETED/ABANDONDED

DRILL RIG. WARMAN 750 ..... DRILLER. GADEN .....

DATE STARTED. 24 / 8 / 91 ..... FINISHED. 29 / 8 / 91 .....

COLLAR INCLINATION. -60 ..... DIRECTION. 86° mag .....

SAMPLE SERIES from. ..... to. .....

WATER FLOW (est) ..... (gph)

REMARKS:

EOH. 131.50 m HQ Tripple tube to 35.50 m then NQ to EOH

NORTHERN GOLD N.L.

HOLE No. . WAD.4. .

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
0 - 1	001AB		0.77 0.78	A 0·5m Black Soil B 0·5m Red Soil.
1 - 2	002		0.45	0·5m Red Soil ~~B altered Pgf~~ Core Loss
2 - 3	003		0.02	Altered Pgf Core Loss
3 - 4	004		0.01	" "
4 - 5	005		L	" "
5 - 6	006		L	Pvf ?
6 - 7	007		0.01	Altered Pgf
7 - 8	008		L	" " Core Loss.
8 - 9	009		L	" "
9 - 10	010		0.01	Pgf Recognizable rocks but oxidized
10 - 11	011		0.08	Pm minor qtz veins
11 - 12	012		0.10	Pgf
12 - 13	013		0.01	Pgf
13 - 14	014		0.04	" core loss
14 - 15	015		0.01	"
15 - 16	016		L	Psl minor qtz veins.
16 - 17	017		L	Pgf oxidized
17 - 18	018		L	" "
18 - 19	019		0.01	" "
19 - 20	020		L	" "
20 - 21	021		L	Psl "
21 - 22	022		L	Psl "
22 - 23	023		0.05	Pgf "
23 - 24	024		L	Pes " core loss
24 - 25	025		L	Pgf "
25 - 26	026		0.1	Pgf " minor a.v
26 - 27	027		0.02	Psl " " "
27 - 28	028		0.41	Psl " "
28 - 29	029		0.04	Psl
29 - 30	030		0.01	Pgf

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. . WAD 4 . .

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
30-31	031		L	Pgf
31-32	032		L	Pgf
32-33	033		L	Pgf
33-34	034		0.01	Psl
34-35	035		0.01	Psl x-bedded + Pgf
35-36	036		0.02	Pgf
36-37	037		0.01	Pgf
37-38	038		L	Pgf
38-39	039		0.01	Pgf
39-40	040		0.01	Pgf
40-41	041		L	Pgf
41-42	042		0.03	Pgf
42-43	043		0.01	Pgf start of Broken ground
43-44	044		L	Pgf
44-45	045		0.09	Pgf
45-46	046		0.01	Pgf
46-47	047		0.04	Pgf
47-48	048		0.91	Pgf 10cm Q.V. Comm. + Py.
48-49	049		0.05	Pgf minor Q.V.
49-50	050		0.02	Pgf
50-51	051		L	Pgf
51-52	052		L	Pgf
52-53	053		0.01	Pgf
53-54	054		0.06	Pgf
54-55	055		0.02	Pgf minor Q.V.
55-56	056		0.01	Pgf + Q.V.
56-57	057		0.44	Pgf
57-58	058		0.02	Pgf
58-59	059		0.01	Pgf + Q.V.
59-60	060		0.01	Pgf + Q.V.

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. . WAD 4 . .

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
60-61	061		0·05	Pgf 10 cm lam Q.V. Py
61-62	062		0·01	Pgf
62-63	063		0·01	Pgf
63-64	064		L	Pgf
64-65	065		L	Pgf
65-66	066		1·46	Pgf 10 cm lam Q.V + Py (ALT)
66-67	067		0·09	Pgf minor Q.V.
67-68	068		0·01	Pgf
68-69	069		0·01	Pgf
69-70	070		0·07	Pgf 10 cm Q.V. + minor Q.V.
70-71	071		0·06	Pgf 5 cm lam Q.V Py alt.
71-72	072		0·10	PM + Q.V lam + Py
72-73	073		0·15	Pgf + Q.V.
73-74	074		0·12	PM + 1×20 cm Q.V 1×5 cm Q.V. Py FF
74-75	075		0·03	" " " " " " " "
75-76	076		0·09	PM minor Q.V. + Py
76-77	077		0·08	PSL " " + Py
77-78	078		0·08	Q.V. Py stylolites + PSL
78-79	079		0·22	0·5m Q.V. + 0·5m Fault crush.
79-80	080		0·1	PM Fault crush
80-81	081		0·16	PM minor Q.V. + Py
81-82	082		0·1	Pgf " " "
82-83	083		0·15	Pgf Py ALT
83-84	084		0·15	Pgf " "
84-85	085		0·16	Pgf " " minor Q.V. + Py
85-86	036		0·01	Pgf
86-87	087		0·1	Pgf barren Q.V.?
87-88	088		0·03	Pgf
88-89	089		0·01	Pgf 1cm wide vein barren quartz + ALT.
89-90	090		0·02	PSL + Py.

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WNP.4...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
90-91	91		0·18	Pgf + minor q.v. + Py.
91-92			0·04	PM - Py.
92-93			0·03	Pgf + q.v. + Py.
93-94			0·04	PM - Py.
94-95			0·01	PM - Py.
95-96			L	PM - Py.
96-97			0·03	PM - Py + q.v. + Py.
97-98			L	PM - Py + q.v. + Py.
98-99			0·06	PM - Py
99-100			L	Pgf + Py alt minor q.v.
100-101			L	Pgf " "
101-102			0·03	Pgf " " " Sm q.v. Carb + stylolites + Py.
102-103			0·06	PM - Py + q.v. + Py.
103-104			L	PM - Py.
104-105			L	PM + q.v. + Py.
105-106			0·01	PM " "
106-107			0·02	PM " "
107-108			0·01	PM " "
108-109			L	PM minor q.v. + Py
109-110			0·02	PM + q.v. + Py.
110-111			0·01	PM + Py
111-112			0·02	Pvt + Py q.v.
112-113			0·08	Pvt + " "
113-114			0·01	PM
114-115			0·02	PM - Py + q.v. + Py
115-116			0·01	PM - Nodules.
116-117			L	PM - Py + minor q.v. + Py
117-118			L	Pvt + Py alt + Py q.v.
118-119			0·06	Pvt " " " "
119-120			0·03	Pvt " " " "

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. WAD 4

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
120-121			0.07	Pm - Py + 2V + Py.
121-122			0.01	Pm - Py + Minor 2.V.
122-123			0.01	Pm - Py + Minor 2.V.
123-124			0.01	Pm - Py + minor 2.V.
124-125			0.03	Pm - Py + Minor 2.V.
125-126			0.04	Pm - Py + Minor 2.V.
126-127			0.01	Pm + 0.5m Breccia
127-128			0.02	Pm
128-129			0.02	Pm.
129-130			0.01	Pm
130-131			0.13	Pm - Py.
131-132			0.15	Pm - Py.
3				
4				
5				
6				
7				
8				
9				
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

ML 1060, 766

BRIDGE CREEK

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP 135 | PROSPECT. Bridge Creek
TENEMENT. BRIDGE CREEK | LOGGED BY. W. Cooper
CO ORDINATES. 44800 E | CROSS SECTION. .... E
59020 N | LONG SECTION. .... N
90 RL

DRILL HOLE TYPE. RC face Sampling | ~~COMPLETED~~/ABANDONDED
DRILL RIG. Warman 750 | DRILLER. GADEN
DATE STARTED. 1/8/91. | FINISHED. .../.../...
COLLAR INCLINATION. -60 | DIRECTION. 90 true
SAMPLE SERIES from. B13501 | to. B13570
WATER FLOW (est) ....(gph)

REMARKS:

EOH 70m — Collar caving in + causing Rods to jam.

Good Return to 45m then water encountered
Samples from 52m to 65m mainly sludge with small chip content. face sampling hammer showing good promise.

SUMMARY LOG:

GOLD N.L.

HOLE No. BCP135.

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE Qtz	Log	DESCRIPTION
1	B13501		Pdz	Rd clay
2		tr		Rd clay + tr Qtz
3		tr		Rd Clay (Dolerite?) + tr Qtz Blue/clear
4		3		Rd clay (" ?) + 3% Qtz Blue/" + tr Py
5		tr		95% Rd clay (" ?) + 5% Bk shale + tr Qtz.
6			transition	98% Yellow Br clay + 2% Mgr GWK?
7		1	to	99 " " + 1% Qtz
8			Sediment	100 Br Yellow clay
9		tr		" " " + tr Qtz Siltstone?
10		tr		" " " "
1		2		98 " " + 2% Qtz
2				as above
3			Pslm	100 Bk Br Shale/sst
4			Psl	100 Br Bk sst
5		2		60 " " + 48 Yellow Br clay + 2% Qtz
6		2		98 Br sst + 2% Qtz
7		2		as above
8		1	Pslvt	90 " " + 9% Spotted tuff + 1% Qtz
9			Pvt	70 Wt/Yellow Spotted tuff + 30% Chert
20			Pvt	100 Coarse Gritty clay (GWK?)
1			Pvt	30 clay ↑ 60 spotted tuff 10 chert (grey)
2			Pvtc	70 spotted Pale grey tuff + 30 Gry chert
3			Pvtm	60 " " " + 40 Gry sst/shale
4		5	Pcvt	40 GWK + 40 Gy chert + 15 spotted tuff + 5 Qtz
5			Pc	100 Gry - Bk Br Chert.
6			Pslc	20 " " + 75 Bk fg sst + 5 spotted tuff
7		20	Pslvt	20% Wt clear Qtz + tr Py + 40 sst + 40 tuff.
8			Pvtc	60 spotted tuff + 40 Gr Chert.
9			Pmc	70 Bk Gy Shale + 30 Gy chert
30	B13530	10	Pvtm	60 Gy spotted tuff + 30 Bk shale + 10 Qtz + ½% Py

Precollar (1–3)

BOX

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP135

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION
31	B13531		Pmvt	97% Bk Shale 2% spotted tuff + 1% Qtz + tr Py
2			Pm	100 Bk Shale + tr Qtz
3			|	100 Bk Graph Shale
4			|	"
5			To Colt	"
6				98 " " + 2 Qtz + tr Py
7				100 " " + tr Qtz + tr Py
8				as above.
9				95 " " + 5 Qtz + tr Py
40				99 Bk Graph Shale + tr Qtz + 1% Py
1				98 " " " + 2 Qtz + tr Py
2				96 " " " + 4 Qtz + tr Py
3				90 " " " + 10 Qtz + 1% Py
4				97 " " " + 3 " + tr Py
5				99 " " " + 1% Qtz + tr Py
6		*S		Bk Grap Shale Qtz 5% Py 5%
Wet 7		*S		" " " Qtz wt/down 10% Py 1% tr Cpy
8		*S		Bk Grap " + 1% Py
9				" " " + tr Py
Damp. 50				as above
1				Bk Graph Shale + 5% Py
2				as above
Wet 3		*S	+ small	Bk Graph shale + 2% Py + ½% Qtz
4		*S	+ smaller	as above
+ Small 5		*S	Bigger	Bk Graph Shale + 1% Py + 5% Qtz.
6		*S	Small	" " + " + ½% Qtz
Sludge 7		S	"	" " + 2% Py + tr Qtz
8		S	"	" " + 1% Py
9		S	"	as above
60	B13560	S	"	as above + tr Qtz

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP135.

DRILLING LOG SHEET

DEPTH TO		SAMPLE No.	TYPE	Au.	DESCRIPTION
6	1	B13561			Bk Graph shale + 1% Py + tr Qtz.
Sluggy Smaller sample.	2	↓			" " " + tr Py
	3				So Bk Graph Shale + 40 altered Pyritic foliated Porph?
	4				90 " " " + 8 altered ↑ + 1Py + 1Qtz] +5 Py + 5 Qtz
	5				Bk Shale (Graph) + 1% Py
Wet but Large Samp return.	6				" " + tr Py
	7				" " + 1 Py
	8				" " + tr Py
	9				" " + "
7	0				" " T "
	1	EOH			EOH.
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
8	0	[redacted]			
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP 136 PROSPECT. BRIDGE CREEK

TENEMENT. BRIDGE CREEK LOGGED BY. W. COOPER

CO ORDINATES. 44780 E CROSS SECTION. E

59020N N LONG SECTION. N

90 RL

DRILL HOLE TYPE. RC face Hammer COMPLETED/ABANDONDED

DRILL RIG. WARMAN 750 DRILLER. GADEN

DATE STARTED. 2./.8./.91 FINISHED. 6./.8./.91

COLLAR INCLINATION. -60 DIRECTION. 90 true

SAMPLE SERIES from. 13601 to. 136100

WATER FLOW (est) .....(gph)

REMARKS: EOH 100m Good Sample Return for most of hole, Very Wet Ground. Slow drilling towards end.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. BCP136.

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	(Au) Log	DESCRIPTION
1	B13601		Pdz	40% Qtz + 60 Rd Dolerite
2				50% " + 50 " "
3				as above
4				95 Part Ox dolerite + 5 Qtz.
5				90 " " + 10 Qtz
6				100 dolerite part weathered
7				100 dolerite slightly bleached.
8				90 " " " + 10 Qtz
9				as above.
10				50 " + 50 wt clear Qtz.
1				80 " + 20 " "
2				100 Gn part ox Dol
3				70 Ox Dolerite + 30 Qtz.
4			Qtz	95 Qtz + 5 Gn Actinolite? Dolerite
5			Pdz	10 " + 90 fg Gn Part Ox Dol
6			Qtz	70 Qtz + 30 " " "
7				5 " + 95 " "
8			Qtz	50 Qtz + 50 Gn Bk Part Ox Dol + tr Py
9				100 Dol + tr Qtz + tr Py.
20				100 dol + tr " + tr "
1				as above.
2				90 Br Gwk + 8 Dolerite + 2 Qtz.
3				90 Dolerite + 8 Br Gwk + 2 Qtz.
4				100 Dol grn fresh.
5				50 " " " + 50 wt/clear Qtz
6				100 fg Part Bleached Dol.
7				100 fg Bk Gn Dol.
8				95 " " " + 4 Bleached wt dol + 1% Qtz
9				95 fg Bleached dol + Qtz Biotite Act alt'n + Asp(tr)
30	B13630			90 f-mg Bleached/Bio alt'n + Asp 1% + 5 Qtz

Previous Box

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP136...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
3 1	B13631		Pdz	highly Alt'n Dol Bleached + Bio + 2% Asp good shell
2				as above.
3				98 Alt'n Dol Bleached↓ Bio↓ (CO_3)↓ + ½ Asp + 1½ Qtz
Wet+Small 4		*		Weakly Alt'n Dol Bleached + tr Qtz Py CO_3 + Cpy Py(tr)
dry 5	↓			99 Alt'n Dol Bleached↓ + 1% Asp + tr Py Cpy + tr Qtz
dry 6				98% dol 30% Alt'n Bleached↓ + 1% Asp + 1% Qtz + tr Py Cpy
Wet+Small 7				100 dol 80% weak Bleach Alt'n + tr Qtz Asp Py
Dry 8				99 dol 20 weak Bleach Alt'n + 1% wt Qtz + tr Asp + Py + CO_3
Dry 9				100 dol " " " " + tr wt Qtz + tr Asp + Py
Wet 4 0				95 dol 60% " " " + 5% Qtz + CO_3 + 1% Asp + tr Py Cpy
Wet 1				100 dol 30% Alt'n weak Bio + Bleach 1 tr Asp + tr Qtz Py Cpy
good. Wet 2				" 50% " " " + tr Asp + " " "
3				98% Dol 30% weak Alt'n + 2% Qtz + 1 tr Asp + Py Cpy
4				100 Dol 15% weak Alt'n - tr Qtz Asp Py Cpy.
5				100 Dol 5% " " - tr " - " "
6				as above.
7				20% Dol + 80% Silicified? Dol/Sediment contact
8			Pzm	20 Silf'n dol/Sediment contact + 80% Bk Shale + tr Py
9			Pm	90% Bk Shale + 1% wt Qtz + tr Py
5 0			Pmvt	80% " " + 20% Spotted tuff + tr Qtz Py
1			Prtm	30 " " + 30 " " + 40 Spott Qtz + tr Py
2			Pm	95 Bk Shale + 5% Spotted tuff.
3			Pmvt	60 " " + 40 " " + tr Py Qtz
4			Prtm	80 Spotted tuff + 10 Gy BK Sst + 5 Shale + 5 Qtz + tr Py
5			Prtsl	70 Gy Siliceous tuff 25 Gy BK Sst + 5 Qtz + tr Py
Small 6			Psl	80 Gy Sst + 20 Qtz + tr Py
" 7				as above.
" 8			↓	60 Gy Sst + 40 wt/clear Qtz + tr Py
" 9			Pm	80 Gy Bk Shale + 20 Qtz + tr Py
" 6 0	B13660		Pmvt	70 Gy Bk Shale + 20 Gy Spotted tuff + 10 Qtz

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP136.

DRILLING LOG SHEET

DEPTH TO		SAMPLE No.	TYPE	Au.	DESCRIPTION
Wet ↓					
6	1	B13661		Pm-vt	40 Bk Shale + 40 Gy Spotted tuff + 20 Qtz + 1tr Py
	2			↓	60 Gy " + 20 " " " + tr Py
Small.	3		X	↓	90 Gy " + tr " " " + 10 Qtz + "
	4			Pm	60 Gy " + 40 % Qtz + tr Py
	5	↓		↓	90 Gy " + 10 " " "
	6			↓	60 Gy " + 40 " + tr Py
Small	7		X	↓	90 Gy Bk Shale + 10 " " "
"	8			to EoH	60 " " " + 40 " " "
"	9				90 Bk Graph Shale + 10 Qtz wh/clear + tr Py
Small	0		XS		90 Gy Bk Sheared Shale + 10 Qtz " " "
"	1		XS		100 Bk Graph Shale + tr Gy Bk Shale + tr Qtz
	2				100 " " " + tr Qtz + tr Py
	3				as above.
	4				as above.
	5				as above
	6				99 Bk Shale + 1tr Py + 1% Qtz
	7				100 Bk shale + tr Qtz + tr Py
	8			Qtz	70 Qtz + 30 Bk Shale + 1tr Py
Small Sample.	9		XS		99 Bk Shale + 1tr Py + 1% clear/wt Qtz + Py(wht)
8	0				99 Bk shale + 1% Py(Yellow) + tr Qtz
	1				100 Bk Graph shale + tr Py, Qtz
	2				as above
	3				as above.
	4				99 Bk Shale + tr Py + 1% wt/clear Qtz + Py(wht)
	5				100 Bk shale + tr Py(Yellow) + tr Qtz
	6				as above
	7				98 Bk Graph shale + 2% Py + tr Qtz + 1tr Grn Alt'n Tuff
	8				as above
	9				99 Bk Graph shale + 1% Py + 1tr Qtz + tr Grn Alt'n Tuff
9	0	B13690			100 Bk Graph shale + tr Qtz, Py

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP136.

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
9 1	B13691			80% Bk Graph Shale + 20% Qtz + 1 tr Py (white + Yellow)
2				98% Bk Graph Shale + 2% Gn Qtz Aht + wh/clear Qtz + Py
3				100 Bk Graph Shale + tr Qtz, tr Py
4				100 Bk " " + 1 tr Qtz 1 tr Py + Tr Gn Aht
5				80 Bk Graph Shale + Itr Qtz + Itr Py.
6				as above.
7				100 Bk Graph Shale + Itr Py + Itr Qtz
Small 8		XS		100 Bk Graph Shale + Itr Py
Small 9		X		100 Bk Graph Shale + Itr Py
Small 10 0	B136100	X		100 Bk Shale + 1tr Py
1				
2				EOH
3				
4				
5				
6				
7				
8				
9				
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP 137 PROSPECT. BRIDGE CREEK

TENEMENT. BRIDGE CREEK LOGGED BY. W Cooper

CO ORDINATES. 44760 E CROSS SECTION. E

59020 N LONG SECTION. N

90 RL

DRILL HOLE TYPE. RC face Hammer COMPLETED/ABANDONDED

DRILL RIG. WARMAN 750 DRILLER. GADEN

DATE STARTED. 7./.8./.91 FINISHED. 8./.8./.91

COLLAR INCLINATION. -60 DIRECTION. 90 true

SAMPLE SERIES from. 13701 to. 13778

WATER FLOW (est) .....(gph)

REMARKS: Slow drilling after 40m very wet ground fractured with cavities. all Dolerite & hard.
EOH ~~78~~ ABANDONED

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. 3CP137

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
1			Pbz	Rd clay after dolerite + Qtz frag
2				Rd clay " "
3				90 Yellow Br Clay + 10% Qtz
4				90 Yellow Br Gn weathered Dol + 10 Qtz
5			Qtz	90 Qtz + 10 Dolerite (weathered).
6				98% Gn Gy Dolerite (weathered) + 2% Qtz
7				100% Gn Gy Ox Dol
8				70% " " " + 30% wt Qtz.
9				100 Gy Bk Gn Ox Dolerite + tr Qtz.
10				50 Gy Gn Ox Dol + 50% wt Qtz.
1				80 Gy Bk Gn Ox Dol + 20 wt/clear Qtz.
2				50 " " " " + 50 " " "
3				90 " " " " + 10 " " "
4				100 " " " "
5				95 Gy Bk Gn Ox Dol + 5 Qtz.
6				100 " " " " + tr Qtz.
7				100 Gy Bk Gn Dol.
BOX. 8				100 " " " + tr Qtz.
9				100 Bk Gn Dol + tr Py (Py in Dol.
20				100 " " + tr Qtz.
1				99 Weakly Altered Dolerite + 1% Qtz + ft Py
2				as above
3				100 Bk Gn fg Dolerite + tr Qtz.
4				100 " " "
5				99 " " " + 1% clear/wt Qtz.
6				" as above
7				100 Bk Gn Dolerite.
8				90 " " " + 10% Qtz + tr Py
9				100 " " " + tr " + Tr Py
30				95 " " " + 5 wt Qtz

young Qtz vein

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP137

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
5 1	13731		Pbz	70 Bk Gn fg Dolerite + 30 wt/clear Qtz.
2	↓			100 Bk fg Dol + tr " "
3				99 " " " + 1% Qtz
4				80 Bk fg Dol + 20% clear/wt qtz
5				" " " + " " "
6				99 Bk fg Dol @ 30% Gn Alt^n + 1% Qtz + tr Py
7				95 Gy fg Sluc^{ar} Dolerite? @ 60% Alt^n + 5% Py + tr Qtz
8				60 " " fg Dol + 35% Gy Br Sst + 5% Qtz + tr Py
Wet. 9			Qtz	98% wt/clear Qtz fractured gravel + 2% Dol.
Wet 40 0			Qtz	50 " " " } 50% Bk Gn Dolerite
↓ 1				100 Gn Bk fresh Dol + tr Qtz.
2			Qtz	60 wt/clear Qtz + 40 Dol @ 20% chlorit^n
3				95 Gn Bk fresh fg Dol + 5% Qtz.
4		XJC	Qtz	60 wt clear Qtz + 40 Dol + tr Asp + Ox rock
5		XJC		95 Gn Bk Dolerite + 5% Qtz + Ox rock
6				100 " " + tr Qtz.
7				90 " " " @ 5% chlorit^n + 10% wt Qtz + tr Py
8				99 Gn Gy Br Dolerite + 1% Qtz + tr Py
9				98 Gy Gn Silicified Dol + 2% wt/clear Qtz + tr Py
50 0				98 Gy Gn Bleached altn^n Dol + 2% Qtz + 1 tr Asp Py
1				100 Bk Gn Fresh Dol @ 10% altn^n + tr Qtz, Py, Asp
2				100 " " " " @ 1% " + tr Qtz + 1 tr Py
3				100 " " " " @ 2% Bleach + " + tr Py
4				" " " " @ tr " + " + "
5				as above + tr Contamination
6				100 Dolerite @ 2% chloritization + Bleach + 1 tr Qtz Py
7				" " @ tr " " + " "
8				as above + 1 tr Contamination
9				as above + No "
6 0			↓	100 Bk Gn Fresh Dolerite @ 20% Alt^n + tr Qtz Asp Py

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP137

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
6 1	13761		Pdz	as above
2	↓			'00 Dolerite @ 2% Bleach Alt^n + tr Qtz, Py
3			↓	100 Bk Gn Dolerite + tr Alt^n + tr " "
4				" " " @ 2% (Bleach) + tr Qtz Py Asp?
5				" " " @ 5% Chlorit^n + tr Qz + Py
6				100 Bk Gn Dolerite + tr Qtz Py + Vtr Contam^n
7				98 " " " @ 15% Bleach Alt^n + 2% Qtz + Py
8				
9				
7 0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
8 0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
0				

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP 139 ..... PROSPECT. B/CREEK .....

TENEMENT. ERL 97 ..... LOGGED BY. [illegible] .....

CO ORDINATES. 44790 ..... E CROSS SECTION. ..... E

58980 ..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. RC face sampling Hammer. COMPLETED/~~ABANDONDED~~

DRILL RIG. WARMAN 1000 ..... DRILLER. GADEN .....

DATE STARTED. 7 ../.10 ../.91 .. FINISHED. 8 ../.10 ../.91 ..

COLLAR INCLINATION. -60 .... DIRECTION. 90 .....

SAMPLE SERIES from. BC13901 ..... to. BC139102 ..

WATER FLOW (est) ..... (gph)

REMARKS: 12in OHP precollar rest a hole hollow hammer fastest 100m hole to date.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. BXP139

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
1	BC13901		Pdz	100 Rd Dolomite clay + tr Qtz.
2	↓		↓	100 Rd clay (weathered Dol).
3				100 Br/Gy Weathered Dolomite + tr Qtz.
4			↓	100 Br/Gn " " " + " "
5			Qtz	50 " " " " + 50 Qtz.
6			Qtz	90 Blue/Gy clear Qtz (tr Py) + 10 weathered Dol.
7			Qtz	as above.
8			Qtz	80 " " " " + 20 " "
9			Pdz	80 Gn Br Weathered Dolomite + 20 Qtz.
10			↓	90 " " " + 10 Qtz.
1				95 " " " + 5 Qtz.
2				90 " " " + 10 Qtz.
3		Small		as above
4		"		80 Dol + 20 Qtz.
5		"		70 Dol + 30 Qtz. (Qtz preferentially left behind)
6		"	↓	No sample ~~[illegible]~~.
7		Small	Qtz	~~No Sample~~, 80% Qtz (sample preferentially Qtz).
8		"	Pdz	90 Gn Br Weathered Dol + 10 wt Qtz.
9		"	↓	95 Br " " + 5 " "
20		"	↓	95 Br/Bk " " + 5 " "
1		"	Qtz	90 wht/clear Blue/Gy Qtz + 10 Gn Bk Br Weathered Dol.
2		"	Pdz	100 Gn Bk Dolomite + tr Qtz.
3			Qtz	100 wht/clear Qtz. + tr Dol.
4			Qtz	as above.
5			Qtz	" "
6			Qtz	90 Qtz + 10 Gn Chlorite cleaved Dol.
7			Pdz	70 Gn chlorite cleaved Dolomite + 30 Qtz + tr Py
8			↓	50 " " " " + 50 " + tr Py
9			↓	100 Blk/Gn fully Dolomite + tr Qtz, Py.
30	BC13930		↓	as above.

OHP Recollar

Wet Sample

Box.

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP139

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
Dry	3 1	BC13931		Pdz	100 Blk mg frsh dolerite + tr Qtz.
Dry	2				as above.
Wet	3				" " Chloritic in part.
	4				100 Blk Mg Dolerite (60 weak bleach Alt^n) + tr Py
	5				10 " " " + 90 Bleached Dol + tr Qtz, Py
	6				60 " " " + 40 Bleached Alt^n Dol + tr Py
	7				90 " " " + 10 " " " + tr Py
	8				100 Bleached Dol + 1tr Py, CPy Qtz. chlr.
	9				as above.
	4 0				98 Bleached Alt^n Dol + tr Chlr/Act ? + 2 Qtz + 1tr Py dog tp?
	1				98 Bleached Alt^n + Bio/Chlr alt^n + 2 Qtz + 1tr Py
	2				99 " " + tr Bio Alt^n + 1 Qtz + tr Py
	3				100 Dr Gy Bleached? Dol Vfg Amphibolitic? + tr Qtz Py
	4				100 Blk fg Dolerite + tr Qtz, Py
	5				99 " " " + Bio? Alt^n + 1 Qtz + tr Py
	6				95 " fg dol + 4 Qtz + 1 Py
	7				60 Blk " " + 30 wt sheared Chlr sulf Dol + 10 Qtz
	8			Pdzm	30 " " " + 60 Gy tuff shale/sst + 10 Qtz + tr Py
	9			Pmc	tr " " " + 50 " " " + 45 chert + 5 Qtz CPy Py
	5 0			Qtz	60 wt/clear Qtz + 40 Gy Spotted tuffaceous sst + Chert + CPy Py
	1			Pvt	100 Gy/Bk Spotted tuffaceous sst + tr Qtz, Py
	2				as above.
	3				90 as above + 10 Qtz + tr Py CPy
	4				100 Gy/BK Spotted tuffaceous sst + tr Qtz, Py
	5				98 " " " " " + 2 Qtz + tr Py CPy
	6				100 Gy BK Part Spotted tuffaceous sst + sst + tr Qtz, Py
	7				100 Gy Spotted tuff + 1tr Qtz, Py
	8			Pslvt	40 " " " + 60 Bk sst.
	9			Pvt	98 Gy/BK Part Spotted tuffaceous sst + 2 Qtz + tr Py
	6 0	BC13960			90 Blk Spotted shale/sst + 20 Qtz + 1tr Py CPy

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. 3P139

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
61	BC13961		Pvt	60 Blk sst Pvt tuffaceous + 40 Qtz + 1 tr Py cPy
2	↓		↓	80 " " " " + 20 " + " " "
3				70 " " " " + 30 " + 1 tr Py CPy
4			Pm	90 Blk Graph shale + 10 Qtz + tr Py
5				as above
6			↓	" "
7				as above.
8			Pm/t	100 Blk/Gy Spotted tuffaceous shale/sst + tr Qtz, Py
9			↓	99 " " " " " + 1 Qtz + tr Py cPy
70				98 " " + 2 Qtz + tr Py CPy
1			Pm	99 Blk shale (part tuffaceous) + 3 Qtz + tr Py
2			↓	100 Blk shale tr tuffaceous sst + tr Qtz, Py
3				95 " " + " " " + 3 Qtz, 2% Py
4			Pbl	95 Blk/Gy laminated sst + 3 Qtz + 2 Py
5			Pm	80 Blk Graph shale + 19 Qtz + 1 Py + tr cPy
6				90 " " " " + 8 Qtz + 2 Py
7				99 Blk shale + 1 Qtz + 1 tr Py
8				100 " " + 1 tr Py
9				100 " " + tr Qtz Py
80				60 " " + 40 Qtz + tr Py
1				100 Blk shale tr Qtz, Py
2				as above.
3				95 Blk shale + 5 Qtz + tr Py
4				as above.
5				70 Blk shale + 30 Qtz + tr Py + tr cPy
6			↓	100 " " + tr Qtz, Py
7			Qtz	95 wh/clear Qtz + 5 Blk shale + tr Py
8			Qtz	90 " " " + 10 " " + "
9			Qtz	as above.
90	BC13990		Pm	99 Blk shale + 1 Qtz + tr Py

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP 139

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
9 1	BC13991		Pm	100 Blk shale + 1tr Qtz + tr Py
2				99 " " + ½ Qtz + ½ Py
3				100 " " + tr Qtz, Py
4				100 " " + tr Py
5			Pmi	50 Qtz + 50 Blk shale + 1tr Py + tr Acid intrusive
6			Pi	95 Acid intrusive (Py Δ Hm) + 3 Qtz + 2 Blk shale.
7			Pm	100 Black Shale + trace Qtz, Py
8				100 Blk shale + tr Qtz Py
9				as above
10 0				as above
1				as above
2				as above
3				EOH 102m.
4				
5				
6				
7				
8				
9				
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP 142 ..... PROSPECT. B Creek .....

TENEMENT. ..... LOGGED BY. WL Cooper .....

CO ORDINATES. ..... E CROSS SECTION. ..... E

..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. RC face hammer COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 ..... DRILLER. GADEN .....

DATE STARTED. 5 ../. 10 ../. 91 .. FINISHED. 7 ../. 10 ../. 91 ..

COLLAR INCLINATION. -60 ..... DIRECTION. 90 .....

SAMPLE SERIES from. BC 142101 ..... to. BC 142102 .....

WATER FLOW (est) ..... (gph)

REMARKS: 12m OHP Reccaler.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. BCP142

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Lay	DESCRIPTION
1	14201		Pdz	Rd clay (Dolarite)
2	↓			Rd weathered dol.
3				95 dol + 5 Qtz
4			Qtz	60 Qtz + 40 dol.
5			Qtz	" " + " "
6			Pdz	98 dol + 2 Qtz.
7				100 dol Blk Br
8				98 dol + 2 Qtz.
9				as above
10				95 dol + 5 Qtz.
1				98 Gn dusty altered dol + 2 Qtz.
2				100 Gn Blk Dol + tr Qtz.
Wet 3				98 Blk gn dol + 2 Qtz.] lots of clay
" 4				as above
" 5				100 dol (very clayey)
" 6			Qtz	99 Qtz + 1 Blk dol.
" 7			Pdz	100 dol + tr Qtz.
" 8				100 Blk/Gn part weathered dol + tr Qtz
" 9				95 " " " " " + 5 Qtz.
" 20				60 " " " " " + 40 Qtz.
1			Qtz	70 Qtz + 30 Blk/Gn weathered dol
2			Pdz	95 dol + 5 Qtz.
3				80 " + 20 Qtz (very clayey)
4				60 " + 40 Qtz
Bot 5				98 Blk fg Dolarite + 2 Qtz.
6				100 Blk/Gn fg Dolarite
7				95 " " " + 5 Qtz.
8				100 " " Dolarite + tr Qtz
9				90 " " " + 10 wt/clear Qtz
30			↓	99 " " " + 1 Qtz.

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCR-142

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au. Log	DESCRIPTION
31	14231		Pdz	100 Blk fg/Mg Dolerite
2	↓			as above
3			↓	60 Dol + 40 Qtz + tr Py
4			Qtz	99 Qtz + 1 Dol
5			Pdz	99 Dolerite + 1 Qtz.
6				100 Blk Gn dolerite + tr Qtz.
7				99 " " " + 1 Qtz
8				75 " " " + 25 Qtz
9				100 Blk fg Mg Dolerite + tr Qtz
40			↓	as above.
1			Qtz	100 Qtz + tr Dol, Py
2			Pdz	99 Dolerite + 1 Qtz + tr Py
3				as above
4				" "
5				99 Dolerite (Blk) + 1 wf Qtz
6				as above + tr Py
7				100 Blk fg Dol + tr Qtz.
8				as above.
9				100 Gn Blk fg Dol
50				100 " " " + tr Qtz.
1				100 Blk fg Dol
2				" " "
3				as above
4				100 Blk fg Dolerite + tr Qtz, Py
5			↓	100 " " Dolerite
6			Pdzsl	40 " " " + 60 fg tuffaceous SSt.
7			Pslc	60 Blk siliceous SSt + 20 clast + 20 fg tuff
8			Psl	100 fg/Blk SSt.
9			↓	100 fg SSt.
60				100 fg Blk SSt

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP143

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
61	14261		Psl	100 Blk Gy Siliceous SSt + tr Qtz.
2				" " " " "
3				Blk SSt. + tr Qtz, Py
4				100 Blk SSt
5				" " " + tr Qtz, Py
6				95 Blk Siliceous SSt + 5 Qtz + tr Py
7				100 Blk " "
8			Pslvt	80 " " " + 20 Gy tuff.
9				60 Blk SSt + 40 Gy spotted tuff.
70			Pvt	100 Gy Blk spotted tuff
1			Psl	95 Gy SSt + 5 Qtz + tr Py
2			Pm	100 Blk shale + tr Qtz.
3				99 " " + 1 Qtz + tr Py
4				100 Blk shale + tr Qtz Py
5				as above.
6				" "
7				90 Blk shale + 10 Qtz + tr Py
8				95 " " + 5 Qtz + tr Py
9				98 " " + 2 Qtz + tr Py
80				100 Blk shale.
1				70 " " + 30 Qtz. + tr Py
2				95 " " + 5 Qtz. + tr Py
3				99 " " + 1 Qtz. + tr Py
4				70 " " + 30 Qtz + tr Py
5				99 " " + 1 Qtz. + tr Qtz
6				as above.
7				95 Blk shale + 4 Qtz + 1 Py
8				as above
9				100 Blk shale.
90				as above

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP142

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
91	14291		Pm	99 Blk shale + 1 Py + tr Qtz.
2	↓		↓	100 Blk shale.
3				99 Blk shale + 1 Py + tr Qtz.
4				100 Blk shale + tr Py
5				as above.
6				as above.
7				99 Blk shale + 1 Qtz + tr Py
8				100 " "
9				95 " " + 5 Qtz + tr Py
100 0				100 Blk shale
1				80 " " + 20 Qtz + 1 Py
2				100 Blk shale.
3				
4				
5				
6				
7				
8				
9				
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP145 PROSPECT. B CREEK

TENEMENT. LOGGED BY. W.C Cooper

CO ORDINATES. 44790 E CROSS SECTION. E

58940 N LONG SECTION. N

RL

DRILL HOLE TYPE. RC COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 DRILLER. GADEN

DATE STARTED. 3./10./91. FINISHED. 5./10./91.

COLLAR INCLINATION. -60 DIRECTION. 90

SAMPLE SERIES from BC14501 to. BC14S102.

WATER FLOW (est) .....(gph)

REMARKS: 12m OHP Precollar - dry sample. Sample wet for next 10m wet to EOH

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. BCP145

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
1	BC14581		Pdz	100 Rd Dol Sol
2			↓	90 " " " + 10 Qtz.
3				95 Rd Weathered Dolerite + 5 clear Qtz
4			↓	90 " " " + 10 " "
5			Qtz	90 Qtz + 10 Br Yellow Weathered Dol.
6			Pdz	95 BkBr Weathered dolerite + 5Qtz.
7				as above.
8				80 Bk Weathered Dolerite + 20 Qtz.
9				60 " " " (inc 20 clay) + 40 Qtz.
10				95 " " " + 5 Qtz.
11				95 Gn Bk Weathered Dolerite + 5 Qtz.
12				90 " " " " + 10 Qtz.
13				50 " " " " + 50 Qtz
14				99 " " " " + 1 Qtz
15				100 Blk Dolerite (fresh)
16				as above + tr Qtz.
17				as above + tr Qtz
18				100 Blk/Gn fresh dolerite.
19				95 " " " " (inc 5% weathering) + 5 Qtz.
20				99 " " " " + 1 Qtz.
1				60 " " " " + 40 Qtz.
2				99 as above + 1 Qtz.
3				50 Dolerite + 50 Qtz.
4				as above.
5				100 Blk Dolerite
6				40 Dolerite + 60 Qtz.
7				60 Bk fmg fresh dolerite + 40 Qtz. + tr Py
8			↓	100 " " " "
9			Qtz	60 Qtz + 40 Dol + tr Py Cb3
30	BC14530		Pdz	80 Blk fresh Dol + 20 Qtz.

Pre Collar

Wet

Box

Box

Box

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP145

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
31	BC14531		Pdz	60 Blk Dolerite + 40 Clear/wh Qtz, tr Py
2				90 " " + 10 " " " + tr Py
3				90 Blk/Gn ff Sheared Dolerite + 10 Qtz + tr Py
4				100 " " " " + tr Py
5				99 Blk Weak f-mg Dol + 2 Qtz. + tr Py
6				100 Blk/Gn " " "
7				60 " " " " + 39 Qtz + 1 Py
8			Qtz	90 Qtz + 10 Dol + Tr Py
9			Qtz	50 " + 50 " + tr Py
40			Pdz	95 Dolerite + 5 Qtz + tr Py
1				as above.
2				" "
3				99 Bk f-mg Dolerite + 1 Qtz + Tr Py
4				80 Bk/Gn fg chloritic Dol + 20 Qtz + tr Py
5				95 " " " " " + 5 Qtz + tr Py
6				99 Bk Gn fg Dolerite (inc 20% Bleach + Bio AH) + 2 Qtz, tr Py
7				99 Bk/Gn fg weak dolerite + 2 Qtz + tr Py
8				as above (inc tr Bio AH)
9				80 Bk f-mg weak Dol + 20 Qtz + tr Py
50				99 " " " " (chloritic in part) + 1 Qtz.
1				80 Bk Gn chloritic f-mg dolerite + 20 Qtz + Tr Py
2				100 Bk weak Dol + tr Py
3				90 Bk Gn weak chloritic in part Dolerite + 10 Qtz + tr Py
4				100 " " " " " " + tr Py
5				100 Blk fg Dolerite + tr Py
6				" " " " + tr Qtz Py
7				as above.
8				80 Blk fg Dolerite + 20 Qtz + Tr Py
9				90 Blk Chloritic Dol + 10 Qtz + Tr Py
60	BC14560			100 Blk fg Dolerite.

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. 3CP145

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
61			Pdz	100 Blk fg Dolerite + tr Qtz, Py
2			↓	as above.
3				as above.
4				" "
5				" "
6				80 Blk fg Dol (20% Silic) + 20 Qtz + tr Py
7				Silicified Dol/Sed contact?. tr Qtz, Py
8				60 Br fg Dolerite (30% silic),
9		Transition Zone.		100 " " " (tr silic)
70				100 Blk Vfg Silic Sst/Dolerite.
1				100 " " Dolerite (probably as above).
2			↓	as above.
3			Psl	100 Blk Vfg Siliceous sediments?,
4			↓	95 Blk " " " + 5 Qtz + tr Py
5				as above.
6			Pslc	80 Blk Vfg Siliceous Sst + 20 clast
7			↓	as above.
8				as above + tr Qtz, Py
9			Pvt	100 Blk Vfg ↓ spotted (Blebby) tuffaceous Sst.
80			Pstc	60 as above + 40 Blk clast.
1			Pvt	80 Blk weakly spotted Siliceous tuff/Sst + 20 Gn spotted
2			↓	95 " " " " " + 5 " Tuff
3				60 " " " " " + 40 Blk/Gn clast
4				20 Blk as above + 80 gy Blk spotted Siliceous tuff/Sst
5			↓	100 Blk tuffaceous spotted Sst/tuff.
6			Pvtsl	10 as above + 30 Qtz, tr Py + 60 gy Blk tuffaceous Sst.
7			↓	90 gy Qtz, Blk spotted tuffaceous Sst 10 Blk Sst.
8			Pm	100 Blk shale + tr Py.
9			↓	78 " " + 30 Qtz + 11 tr Py.
90			↓	100 Blk shale + tr Qtz, Py

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

grey grey

NORTHERN GOLD N.L.

HOLE No. BCP 145

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
9 1	BC14590		Pm	80 Blk shale + 20 Qtz + tr Py, Cpy
2				95 " " + 5 Qtz + tr Py
3				as above.
4				70 Blk shale + 30 Qtz + tr Py
5				90 " " + 10 " + tr Py
6				as above.
7				" "
8				" "
9				100 Blk shale + 1 tr Py
100 0				95 " " + 5 Qtz + 1 tr Py
1				as above
2				98 " " + 2 Qtz + tr Py.
3				EOH 102m
4				
5				
6				
7				
8				
9				
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP 146 ..... PROSPECT. B/Creek .....

TENEMENT. ..... LOGGED BY. WLL .....

CO ORDINATES. ..... E CROSS SECTION. ..... E

..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. RC ..... ~~COMPLETED~~/ABANDONDED

DRILL RIG. WARMAN 650 ..... DRILLER. GADEN .....

DATE STARTED. ..../..../.... FINISHED. .../.../....

COLLAR INCLINATION. -60 ..... DIRECTION. 90 .....

SAMPLE SERIES from. BC14661 ..... to. BC14625 .....

WATER FLOW (est) .....(gph)

REMARKS: EoH at 25m - slow drilling Blockage etc. Not Good enough to terminated hole + moved onto diamond drilling.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. BC P146

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
1	BC4601		Pfz	95 Weathered Dol/Sol + 5 Qtz frag
2				60 Rd " " + 40 Qtz.
Pre Collar 3				as above.
4				40 Rd/Br Dolerite + 60 Qtz.
5				95 Br weathered Dolerite + 5 Qtz.
6				50 " " " + 50 Qtz.
7				90 Br/Gn " " + 10 Qtz.
8				as above.
9				98 Br Gn weathered Dol + 2 Qtz.
10				100 Br/Gn " "
1				99 " " weathered Dol + 1 Qtz.
2				100 Dol 60/40 fresh/weathered
3				" " 20/80 " / "
4				40 Dol + 60 Qtz.
5				as above.
6				90 Gn Bk partially Weathered Dol + 10 Qtz
7				30 " " " " + 70 Qtz.
8				70 " " " " + 30 Qtz
9				99 Gn Bk V Weakly Weathered Dol + 1 Qtz.
20				as above.
1			↓	95 Gn Bk/Unweathered Dol + 5 Qtz.
BOX 2			Qtz	60 Qtz + 40 Dolerite
Wet 3			Dol	90 Qtz + Py + 90 Dolerite +
4			↓	95 Dol Gn/Bk frg + 5 clear Qtz.
5				as above.
6				End.
7				
8				
9				
0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP 149 PROSPECT. BRIDGE CREEK

TENEMENT. LOGGED BY. W.C Cooper

CO ORDINATES. E CROSS SECTION. E

N LONG SECTION. N

RL

DRILL HOLE TYPE. RC COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 DRILLER. GADEN

DATE STARTED. 28 /. 9 /. 91 FINISHED. 3 /. 10 /. 91

COLLAR INCLINATION. -60 DIRECTION. 90

SAMPLE SERIES from. BC14901 to. BC14910 2

WATER FLOW (est) (gph)

REMARKS: 6m DHP Precollar, injection + Water from 6m as clay logging + clogging up hammer. Hold and hammer from 6m. Sludge from 7m to 18m with some 6th chips Good recovery throughout.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. BCP148

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
1	BC14801		Pdz	90 Rd Weathered Dol + 10% Qtz.
2				95 " " " + 5 Qtz.
Pre Collar 3				90 Rd/Yellow " " + 10 Qtz.
4				60 " " " +40 Qtz.
5				95 " " " + 5 Qtz.
6				90 Rd/Yellow " " + 10 Qtz.
Wet 7		Slurry		Rd Weathered Dolerite + 10 % Qtz
8		"	Small angle.	Dolerite - weathered.
9		"	Pdz	" " + tr Qtz.
10		"		Weathered Dolerite dry change
11		"		"
12				" " + tr Qtz
13				" "
14				" "
15				" "
16				" "
17				" "
18				" "
19				First Decent Dolerite chips + tr Qtz
20				70 Dolerite + 30 % Qtz.
21				90 Weakly weathered Dolerite + 10 Qtz.
22				100 weakly altered Py Asp dolerite
23				80 Dolerite (weathered in part) + 20 Qtz + tr Py
BOX 24				90 " " " + 10 Qtz + " "
Dry 25				100 fresh dolerite + tr Qtz
Dry 26				100 " "
Wet 27				80 " " +20 Bleach Alt" + tr Qtz, Py
28				as above.
29				70 Weathered Dolerite + 20 cleaned dol + 10 Qtz + tr Py
30	BC14830			100 weakly chloritic/cleaned dolerite + tr Qtz, Py

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. [redacted] 149?

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
31	BC[illegible]31		B2	98 [illegible] dolerite + 2 Qtz + tr Py
32				" " " ([illegible]) + 2 Qtz + tr
33				as above + tr Py
34				98 [illegible] dolerite + 2 Qtz + tr Py
35				as above
36				50 [illegible] + 50 Qtz + tr Py
37				70 [illegible] (Bo [illegible]) + 30 Qtz [illegible]
38				as above
39				95 [illegible] dolerite ([illegible]) + 2 Py + 2
40				100 [illegible] dolerite (Bo [illegible]) [illegible]
41				as above + [illegible]
42				[illegible] fg [illegible] dolerite [illegible] + [illegible] Qtz + 2 Py
43				[illegible] " " " [illegible] 10 Qtz + 4 tr Py
44				99 fg [illegible] dolerite + 1 Qtz + tr Py
45				100 [illegible] " " " + 1 tr Py
46				as above + tr Qtz
47				as above
48				as above
49				99 [illegible] dolerite + 1 Qtz + tr P
50				60 [illegible] dolerite ([illegible]) + 40 Qtz + tr Py
51				99 [illegible] dolerite + 1 Qtz + tr Py
52				as above
53				[illegible] ([illegible]) + 1 Qtz + tr
54				[illegible] ([illegible] Cb) + tr Py
55				90 [illegible] + [illegible] + tr Py
56				80 [illegible] + [illegible]
57				90 [illegible] (w 20 [illegible]) + 10 Qtz + tr Py
58				90 [illegible] + tr [illegible], Qtz
59				98 Bk f-mg dolerite + 2 Qtz + 1 tr Py
60	BC[illegible]60			as above

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BP.148...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
6 1			Pdz	99 Blk fMg Dolerite + 1 Qtz + tr Py
2				as above.
3				100 Blk f-mg Dolerite + tr Qtz, Py
4				100 " " " " + tr Py
5				as above.
6				as above.
7				" "
8				98 Blk fmg Dol + 10 Qtz + tr Pyrite
9				100 " " " + tr Qtz + tr Py.
7 0				95 Blk f-Mg Dolerite + 5 Qtz + tr Py
1				100 Blk/Grn fg Dolerite + tr Qtz Py
2				95 " " " + 5 Qtz + tr Py
3				100 Blk/Grn fg Dolerite + tr Qtz, Py Bleach Alt^n
4				as above.
5				Blk Silt^e Dolerite/ clast + tr Qtz, Py
6				as above + tr Asp
7			Pc	98 Gy Brn/Blk clast + 2 Qtz + tr Py Asp.
8			Ps/c	100 Gy/Blk Silt^e sst/ clast tr Qtz Py Asp.
9			↓	as above.
8 0			Pc	100 clast. Gy/Brn + tr Qtz, Py
1			↓	60 clast + 40 Blk Silt^e sst + tr Qtz, Py
2			Ps/c	80 G/Blk Silt^e sst + 20 clast
3			Pvt s/c	60 Gy Brn Blk Tuffaceous fg Silt^e sst + 40 clast + tr Py
4				as above.
5				as above.
6				" "
7				60 Grn fg Silt^e tuffaceous sst 20 Qtz 20 clast + tr Py
8			Ps/c	90 Grn Blk fg Silt^e sst + 10 clast.
9				as above
9 0				" "

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP 148

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
9 1			Prt	100 Gn Gy Ebly ss (tuffaceous) + tr Qtz clast
2				as above
3			Prtsl	60 Spotted tuffite + 40 ss.
4			Pm	100 Blk shale.
5				100 Blk carbonaceous/Graphitic shale
6				as above + tr Qtz.
7				100 Blk shale
8				" " " + tr Qtz
9				as above.
100 0				95 Blk shale + 5 Qtz + tr Py
1				99 " " + 1 Qtz + tr Py
2				as above
3				EOH
4				
5				
6				
7				
8				
9				
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP 147 PROSPECT. BRIDGE CREEK

TENEMENT. LOGGED BY. W.L.Looper

CO ORDINATES. 44812 E CROSS SECTION. E

58922 N LONG SECTION. N

RL

DRILL HOLE TYPE. RC COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 DRILLER. GADEN

DATE STARTED. 26./.9./.91 FINISHED. 27./.9./.91

COLLAR INCLINATION. -60 DIRECTION. 90

SAMPLE SERIES from. BC147.001 to. BC147T92

WATER FLOW (est) .....(gph)

REMARKS: Collar Moved 2m East & 2 m North due to site difficulties in locating rig. OHP Hammer to 6m then hollow hammer. Injection of Water in Soft laterite to stop hammer dogging. Steel casing to 24 m EOH T92m, Bad ground even with big compressor.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. BC 9147

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
	1	BC14701		Pbz	Rd Ssd with tuff/chert + Qtz frag.
Pre Collar	2	↓			90 Weathered Dol (Rd Yellow clay) + 10 Qtz.
	3				100 " " " " + tr Qtz.
	4				as above.
	5				" "
	6			Sedent ?	as above.
Wet Samp ↓	7		Sludge	Dolomite?.	80 weathered Dol (wt/yellow clay) + 20 Qtz.
	8		↓		as above.
	9				as above.
	10				No sample left Dolomite + Qtz ?
	1				" " " " + " ?
	2				as above. ?
	3			Pm	90 Blk Shale + 10 Br gy Ssd.
	4			↓	60 Rd Clay + 30 Gy Ssd + 10 Qtz.
	5				95 Qtz + 5 Yellow chert.
	6				80 Blk Gy Shale + 20 Br Yellow Sst + tr Qtz.
	7			Pmsl	40 Blk Shale + 30 Ssd + 20 chert + 10 Qtz.
	8			Psl	95 Blk fg Silt" Ssd + 5 Qtz.
	9			↓	100 " " " " + tr Qtz.
	20			Pslut	100 " " " " tuffaceous in part (spotted).
	1			↓	99 as above + 1 Qtz.
Box.	2			Pm	80 Blk shale + 20 fg silt" Ssd + tr Qtz.
	3				as above + tr Py
	4			Pmut	90 Blk Shale + 10 Pale Gy Spotted tuff + tr Py
	5			↓	60 " " + 40 " " " "
Dry	6			↓	90 " " + 10 Qtz + tr Py
"	7			Putm	60 wt/Gy spotted tuff + 40 Gy/Blk Shale.
"	8			Pdz	80 fg Dolomite + 10 shale + 10 Qtz.
	9			Pdz	100 " " + tr Shale/Qtz.
	30	BC14730		Put	100 Blk/Gy weakly Banded tuffaceous Sst.

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP 147

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
Dry 3 1	BC14731		Rst	100 Blk/Grey Spotted tuffaceous SSA.
Dry 2			↓	as above + tr shale / Py
Wet 3				as above.
Damp 4			Pmst	80 Blk shale + 20 tuff + tr Qtz, Py
Wet 5			Pm	90 Blk Graph shale + 10 clear Qtz + tr Py
6				100 " " " + tr Qtz, Py
7				as above
8				100 Blk shale + tr Py
9				99 " " + 1 clear Qtz + tr Py
4 0				100 " " + tr Qtz Py
1				90 " " + 10 Qtz + tr Py
2				100 " " + tr Qtz, Py
3				as above.
4				as above.
5				95 " " + 5 Qtz + tr Py
6				100 Blk shale + tr Py
7				as above.
8				as above
9				98 Blk shale + 2 clear Qtz + Tr Py
5 0				100 Blk shale + tr Qtz, Py
1				as above.
2				" "
3				90 Blk shale + 10 Qtz + tr Py
4				97 " " + 3 Qtz + tr Py
5				80 " " + 20 " + Tr Py
6				50 " " + 50 Qtz + tr Py
7				60 " " + 40 Qtz + Tr Py
8				95 Blk shale + 5 Qtz + Tr Py
9				80 " " + 20 " + tr Py
6 0				50 " " + 50 Qtz + Tr Py

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP 147

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
61	BC14761		Pm	100 Blk shale + tr Qtz, Py
2				as above
3				60 Blk shale + 40 Qtz + tr Py
4				99 " " + 1 " + " "
5				98 " " + 2 " + " "
6				100 " " + tr " , Py
7				as above
8				as above + 1 tr Py + CO3 fractures
9				100 Blk shale + tr Py
70			Pmut	40 " " + 60 Rhyo Spotted + tr Py
1			Pmut	35 " " + 60 " " " + 5 Qtz + tr Py
2	BC14772		Pmut	90 " " + 20 " " " + tr Qtz CO3 Py.
3				EOH.
4				
5				
6				
7				
8				
9				
80				
1				
2				
3				
4				
5				
6				
7				
8				
9				
0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BGP150 PROSPECT. BRIDGE CREEK

TENEMENT. LOGGED BY. W Cooper

CO ORDINATES. 44810 E CROSS SECTION. E

58900 N LONG SECTION. N

90 RL

DRILL HOLE TYPE. RC COMPLETED/ABANDONDED

DRILL RIG. WARMAN 1000 DRILLER. GADEN

DATE STARTED. 24./.9./91 FINISHED. 25./.9./91

COLLAR INCLINATION. -60 DIRECTION. 90

SAMPLE SERIES from. BG15001 to. BG15078

WATER FLOW (est) .....(gph)

REMARKS: 6 EOH 78, through target zone.
18m Pre collar

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. BCP150

DRILLING LOG SHEET

	DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
OHP precollar	1			Pdz	Weathered Dolerite
	2				50 weathered dolerite + 50 Qtz.
	3				Weathered dolerite - wt Gn clay / Red clay + 5% Qtz.
	4				" " " " " + tr Qtz
	5				" " " " "
	6				98 " " " " " + 2 Qtz
	7				100 Weathered Dol wt/Rd clay.
	8				95 " " " " " + 5 Qtz.
	9			Psldz	20 Dol + 70 SSt + 10 Qtz.
	10			Qtz	60 Blue/gy/clear Qtz + 40 SSt
	1			Pvt	80 spotted SSt + 20 wt clay + 10 SSt + 10 Qtz
	2				80 " " + 15 " " + 5 SSt + tr Qtz
Damp	3			Pslvt	40 " " + 50 BkGy SSt + 10 clear Qtz
Damp	4			Pslvt	60 Gy SSt + 20 chert + 20 spotted SSt + tr Qtz
Damp.	5			Pvtsl	60 spotted tuff + 10 chert + 30 SSt. Grab sample.
	6	Drilled 2 m		split 17 into 16 + 17 m samples. Grab samples	
Damp	7			Pvt	95 spotted tuff/SSt + 5 chert + tr Qtz.
V Wet	8			Pvtsl	60 " BkGy " " + 40 Bk SSt + tr Qtz
Wet	9				80 " " " + 20 Bk SSt,
	20				100 Gy Bk laminated spotted tuffaceous SSt
Box	1			Pvtm	20 " " as above + 80 Bk shale (silic?) + tr Qtz Py
	2			Pslvt	100 Gy Bk laminated + spotted SSt. + tr Py
	3			Pm	100 Bk shale (Silic?)
	4				80 Bk " " + 20 Qtz + tr Py
Dry	5				100 Bk shale + tr Py
	6			Pvtsl	100 BkGy fg spotted Silic SSt + tr Qtz Py
	7				as above
	8			Pmvt	60% as above + 40 Bk shale.
	9			Pm	100 Bk shale + tr Py
	30				99 Bk Graph shale + 1% Qtz + tr Py

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP150

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
Dry 31	BC15031		Pm	100 Blk shale + tr Py
2	↓		↓	as above.
3				" "
4				as above + tr Qtz Py
Damp 5				95 Blk Shale + 5 Qtz + 1 tr Py.
Damp 6				as above
Wet. 7				99 Blk shale + 1% Qtz + tr Py.
8				100 Blk shale + 1 tr Py
9				95 Blk shale + 5 Qtz + 1 tr Py.
40				60 " " + 40 " + " "
1				100 Blk shale + 1 tr Py.
2				90 " " + 10 Qtz + 1 tr Py
3				100 Blk shale + tr Qtz, Py.
4				as above.
5				" "
6				98 " " + 2% Py + tr qtz.
7				99 " " + 1 " + " "
8				100 Blk Graph shale + tr Py.
9				99 " " " + 1 Qtz + tr Py
50				99 " " " + 1 Py + tr Qtz.
1				95 " " " + 5 Qtz + tr Py.
2				99 " " " + 1 Qtz + tr Py.
3				100 Blk shale + 1 tr Qtz + tr Py
4				as above.
5				as above.
6				" "
7				" "
8				100 Blk shale + 1 tr Py
9				as above.
60				" "

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP150

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
61	BC1506		Pi	Qtz Qtz / Py altered intrusive (felsic)
2	↓		↓	as above
3			Pm	100 Blk shale
4			Pi	95 Qtz Qtz Py Alt'd felsic intrusive + 5 Qtz + tr Blk shale
5			↓	95 " " " " tr Qtz + 5 Blk shale
6			Pm	100 Blk shale + tr Py.
7			↓	98 " " + 2 Qtz + tr Py
8			Pvt	80 Qtz Qtz spotted tuffaceous sst + 20 Qtz + tr Py
9			↓	100 " spotted tuffaceous sst. + tr Py
70			Pmvt	60 Blk shale + 40 Qtz Qtz spotted tuffaceous sst
1			Pm	90 Blk " + 10 Qtz.
2			↓	99 Qtz + 1 Blk shale + tr Py
3			↓	95 Blk shale + 5 Qtz + tr Py
4			↓	100 " " + 1 tr Py
5			↓	as above.
6			↓	100 Blk shale + tr Py
7			↓	100 Blk shale
8			↓	" " "
9				Eott.
80				
1				
2				
3				
4				
5				
6				
7				
8				
9				
90				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP151 PROSPECT. BRIDGE CREEK

TENEMENT. LOGGED BY. W L Cooper

CO ORDINATES. 44793 E CROSS SECTION. E

58900 N LONG SECTION. N

90 RL

DRILL HOLE TYPE. RC ~~COMPLETED~~/ABANDONDED

DRILL RIG. WARMAN 1000 DRILLER.

DATE STARTED. 22./.9./.91. FINISHED. 24./.9./.91.

COLLAR INCLINATION. -60 DIRECTION. 90

SAMPLE SERIES from. BC15119 to. BC15191

WATER FLOW (est) .....(gph)

REMARKS: ~~Steel~~ casing to 18m No sample.
Abandoned hole at 91m as Collar Casing in + Casing Rod jam.
Lots of Water causing problems. Need bigger compressor.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No BC151

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
1				No Sample - Pre Collar
2				
3				
4				
5				
6				
7				
8				
Box 9	BC15119		Pdz	Gy Bk Mg unaltered Dolerite
20				as above + tr Qtz
1				Gy Bk weakly sheared dolerite + 5% Qtz + tr Py
2				as above
3				Gy fg Dolerite Schist + 10 wk/clear Qtz + tr P.
4				Gy Bk fg Dolerite + 2% Qtz + tr Py
5				Gy Bk Gn fg sheared dolerite + tr Qtz, Py
6				" " " " + 5% Qtz + tr Py Asp?
7				as above
8				Gy Bk fg Dolerite + tr Qtz, Py
Wet 9				" " " " + tr Py
Wet 30	BC15130			" " " " + 2% Qtz + Tr Py

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP151

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
Wet 31	BC15131		Pdz	GyBk fg ↓ Sulf'd dolerite + tr Qtz, Py
2	↓		↓	as above
3	↓		↓	" "
4			Psl	Gn Bk Gy SSt + tr Qtz, Py
5			↓	Gy Gn SSt ↓ Sheared + tr Qtz, Py
6			↓	Gy Bk Gn SSt ↓ sheared + tr Qtz, Py
7			↓	Gy Gn to Blk SSt + tr Qtz, Py
8			Pslm	" " " " SSt → Shale + " " "
9			↓	Gy Gn → Bk sheared SSt + tr Qtz Py
40			Pvtsl	" " Spotted SSt + tr Qtz, Py
1			↓	Gy Bk " " + " " "
2			Pmvt	60 Blk Shale + 40 Gy Bk Spotted SSt + tr Qtz, Py
3			↓	100 Gy Bk shale
4			Pvtm	Gy SSt (tuff) Bk Shale + ↓ Spotted SSt + tr Qtz, Py
5			Pmvt	70 Bk Shale + 30 tuffaceous Gy Gn siltstone
6			Psl	Bk SSt (siliceous in part) + tr Py
7			Pvtsl	20 Gy SSt + 60 Bk Siliceous SSt + 20 Qtz
8			Pmvt	60 Bk shale + 40 Spotted SSt + tr Qtz, Py
9			↓	80 Bk Siliceous SSt + 20 spotted SSt.
50			Pdz	95 Sulfid fg Dolerite + 5 Spotted SSt + tr Qtz
1			Pdz	100 " " "
2			Pvt	95 Gy/Bk Spotted tuffaceous siltstone + 5 fg Sulf'd dol
3			↓	100 Gy Bk Sulf'd tuffaceous SSt.
4			Pmvt	70 Bk Spotted Graphitic Shale + 30 Gy Bk tuffaceous SSt
5			Pvt	100 Bk/Gy Spotted tuffaceous SSt
6			↓	as above
7			↓	60 " " " " + 40 clear Qtz
8			Pm	100 Bk ↓ Spotted Shale + tr Qtz, Py
9			↓	as above.
60	BC15160		↓	100 Bk ↓ Spotted Shale + tr Py

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP151

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
61			Pm	95 Blk Silic Shale + 5 Gy sst + tr Qtz, Py
2				99 " " " + 1 Qtz + tr Py
3				100 Blk Shale + tr Spotted [illegible] sst.
4				" " " + tr Py
5				as above.
6				as above.
7				100 Blk shale + tr Py, spotted sst.
8				99 " " + 1% Qtz + tr Py
9				as above
70				100 Blk shale + tr Qtz Py
1				as above.
2				98 Blk Shale + 2% wt/clear Qtz + tr Py
3				60 " " + 40 Milky/clear Qtz + tr Py, CO_3
4				100 Blk shale + tr Qtz Py.
5				as above.
6				100 Blk shale + tr Qtz Py.
7				100 Blk shale + tr Qtz Py.
8				100 Blk shale.
9				98 " " + 2% Qtz + tr Py.
80				100 Blk shale.
1				" " " + tr Py Qtz.
2				100 Blk shale.
3				" " " + tr Qtz + tr Py.
4				as above.
5				100 Blk shale. + tr Py
6				as above.
7				" "
8				" "
9				100 Blk shale + tr Qtz + tr Py
90				" " " + tr Qtz, Py
91				as above

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

EOH 91m - Collar casing in + Casing Rods to Jam

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP 151A

PROSPECT. BRIDGE CREEK

TENEMENT.

LOGGED BY. W L Cooper

CO ORDINATES. 44790 E

CROSS SECTION. E

58900 N

LONG SECTION. N

90 RL

DRILL HOLE TYPE. RC

~~COMPLETED~~/ABANDONDED

DRILL RIG. WARMAN 1000

DRILLER. GADEN

DATE STARTED. 21./.9./.91.

FINISHED. 21./.9./.91.

COLLAR INCLINATION. -60

DIRECTION. 90

SAMPLE SERIES from. BCP5101A to. BC 15129A

WATER FLOW (est) .....(gph)

REMARKS: EOH 29 m Collar Caving in. Tried cementing in casing @ 18m had admit work. Moved 3m East + start again

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. BCP151A

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
1	BC15101A		Plz	Weathered Dolerite (dkg) + tr Qtz.
2	↓		↓	60 " " + 40 Qtz.
3				95 " " + 5 Qtz
4				98 " " + 2 Qtz.
5				as above.
6				as above. + tr Qtz
7				" " "
8				95 Weathered Dolerite + 5 Qtz
9				90 " " + 20 Qtz.
10				98 " " + 2 Qtz.
1				100 " " + tr Qtz.
2				as above
3				" "
4				60 Br weathered Dolerite
5				100 Br → Bk weathered Dolerite
6				100 Br → Bk weathered Dolerite
7				as above.
Box. 8				Bk qtz Dolerite.
9				95 Bk f-mg Dolerite + 5 Qtz.
20				as above + tr Qtz.
1				100 Bk Dolerite
2	↑			95 " " + 5 Qtz.
3				100 Bk Dolerite
4				" " "
5				90 " " + 20 Qtz.
6				as above.
7				100 " " + tr Qtz.
8				60 Dolerite + 40 Qtz.
9	BX15129A		↓	99 " + 1 Qtz.
30				EOH.

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCP 154 ..... PROSPECT. B/Creek .....

TENEMENT. ..... LOGGED BY. .....

CO ORDINATES. ..... E CROSS SECTION. ..... E

..... N LONG SECTION. ..... N

..... RL

DRILL HOLE TYPE. RC Hollow hammer ~~COMPLETED~~/ABANDONDED

DRILL RIG. WARMAN 1000 ..... DRILLER. GADEN .....

DATE STARTED. 8 /. 10 /. 91 .. FINISHED. 12 /. 10 /. 91 ..

COLLAR INCLINATION. -60 .... DIRECTION. 270° .....

SAMPLE SERIES from. ~~BC~~ BC 15401 ..... to. BC 15479.

WATER FLOW (est) .....(gph)

REMARKS: Rods Bogged at 30m, Reamed down over top and then continued hole to 79 m. Rods Bogged again & took 2½ days to retreive.

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. BCP 154

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
1	BC15401		Pmvt	Blk shale, clast + 10 spotted tuff + tr Qtz
2	↓		↓	as above
Pre Collar 3	↓		Pm	Dominantly Blk shale + 5 clast + 5 tuff + tr Q
4				100 Blk shale.
5				95 " " + 5 wt/Gy spotted tuff.
6				95 " " + 5 blk clast.
7				80 " " + 20 wt/clear Qtz.
8				100 Blk shale.
9			Pmvt	60 " " + 30 wt/Gy spotted tuff + 10 Qtz
10			↓	50 wt clay + 40 Qtz + 10 Blk shale.
1			Qtz	90 Qtz + 10 wt tuff (Br oxides stain through
2			Qtz	80 Qtz + 10 " " + 10 Blk clast.
3			Qtz	50 Qtz + 10 " " + 40 " "
4			Pcm	60 Blk clast + 20 Qtz + 10 shale + 10 tuff.
5			Psl	100 Rd/Br clay/silt + tr Qtz, clast.
Wet. 6			↓	100 " " " " + "
Wet 7			Pvt	100 Gy/Bk tuffaceous SSt.
Wet 8				as above
Wet 9				90 " " " " + 10 Qtz.
Box Wet 20				100 Blk tuffaceous Pyritic SSt
" 1				100 " " " " + tr Qtz.
" 2				100 Blk/Gy tuffaceous SSt + tr Qtz, Py
" 3				100 Blk tuffaceous SSt/shale + tr Qtz, Py
" 4				as above.
Dry 5				" "
6				95 Blk tuffaceous SSt + 5 Qtz + tr Py
7				100 " " " + tr Py
8				as above.
9				as above
30	BC45430			as above + tr Qtz, Py

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

BCP154

HOLE No. WA154

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
31			Prt	90% Blk Tuffaceous sst + 10 Qtz + tr Py
2				as above
3				80 Blk Tuff sst / sst + tr Qtz
4			Psl	95 " sst + 5 Qtz + tr Py
5			Prtsl	20 Blk sst + 50 Gy spotted tuff/sst + 30 Qtz + tr Py
6			Pslrt	60 Gn Gy chloritic sst/tuff + 40 Qtz + tr Py
7			Plz	100 Blk fg Dolerite? + tr Qtz.
8				95 " " " + 5 Qtz + tr Py
9				50 Qtz + 50 chloritic fg Dolerite + tr Py
40				98 Blk Gy (Gn) fg chloritic dolerite + 2 Qtz + tr Py
1				as above.
2				50 Gn Gy chloritic + Qtz Dolerite + 50 Qtz + tr Py
3				60 " " " " " + 40 Qtz + tr Py
4				90 " " chloritic fg Dolerite + 10 Qtz + tr Py
5				95 " " " " " + 5 Qtz + tr Py
6				95 Dol (Bleached AHte Asp AHte) + 3 Qtz + 1-2% Py Asp Cp
7				98 Dol (Bleached AHte) + 2% Py tr Cpy Asp Qtz
8				100 Dol Bleach, Bio AHte + tr Py, tr Asp Cp
9				as above.
50			Qtz	60 wh/clear Qtz + 40 Dol (chlr Bio Bleached AHte) + tr Py
1			Plz	95 Dol (Bleach Bio chlr AHte) + 5 Qtz + tr Py
2				99 " " " " " + 1 Qtz + tr Py
3				100 Dol (60% Bleach, Bio AHte) Blk fg + tr Qtz Py
4				100 Dol (90% AHte Bleach Bio) + tr Py
5				as above
6				95 Dol (60 Bleach AHte) + 5 Qtz + tr Py
7				as above.
8				98 Blk chlr Dol + 2 Qtz + tr Py
9				80 Gy Blk chlr Dol + 20 Qtz + tr Py
60			Qtz	60 Qtz + 40 Dol (10% Bleach AHte) + tr Py, Asp?

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

HOLE No. BCP154

DRILLING LOG SHEET

DEPTH TO		SAMPLE No.	TYPE	Au.	DESCRIPTION
6	1	BC15461		Qtz	50 Qtz + 50 Blk dlr (Part Bleached) Dol + tr Py, [illegible]
	2	↓		Pdz	60 Blk f-m-g Dol + 40 Qtz + tr Py
	3				as above.
	4			Qtz	50 Qtz + 50 Blk Gn dlr Dol + tr Py + K Spar
	5			Pdz	60 Blk 1Chloritic dol + 40 Qtz + tr Py
	6			↓	90 mg Blk chlritic Dol + 10 Qtz.
	7				95 M-fg " " " + 5 Qtz.
	8				100 Blk dlr Dolerite.
	9				as above.
7	0				99 Blk Gy/Gn Part dlr Dol + 1 Qtz.
	1				100 Blk Dol.
	2				98 " " + 2 Qtz + tr Py
	3				as above.
	4				as above.
	5				99 Blk-dlr Dol + 1 Qtz.
	6				100 Blk Dol
	7				" " "
	8				99 " " + 1 Qtz
	9				as above
8	0				EOH
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				
	0				

TYPE
N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. . BCD 7 . . . . . PROSPECT. . BRIDGE CREEK . . .

TENEMENT. . MLN 1060 . . . . . LOGGED BY. . . GAP . . . . . .

CO ORDINATES. . 448771 . . E CROSS SECTION. . . . . E

5886O·5 . . . . . N LONG SECTION. . . . . N

80·8 . . . . . RL

DRILL HOLE TYPE. . ~~Diamond~~. COMPLETED/ABANDONDED

DRILL RIG. . . . . DRILLER. . . . . .

DATE STARTED. . . . /. . . /. . . . FINISHED. . . /. . . /. . . .

COLLAR INCLINATION. . -60°. . DIRECTION. . . 270° . . . . . .

SAMPLE SERIES from. . . . . to. . . . . .

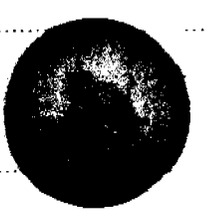
WATER FLOW (est) . . . . . .(gph)

REMARKS: HQ —> NQ TRIPLE TUBE

oriented

survey -59 —> 262°

SUMMARY LOG:



From	To	Sample Number	Rock Type
0	1	7001	SOIL
1	2	7002	Pshc
2	3	7003	Pshc
3	4	7004	Pshc
4	5	7005	Pshc
5	6	7006	Pshc
6	7	7007	Pshc
7	8	7008	Pshc
8	9	7009	Pshc
9	10	7010	Pshc
10	11	7011	Pshc
11	12	7012	Pshc
12	13	7013	Pshc
13	14	7014	Pshc
14	15	7015	Pshc
15	16	7016	Pshc
16	17	7017	Pshc
17	18	7018	Pshc
18	19	7019	Pshc
19	20	7020	Pshc
20	21	7021	Pshc
21	22	7022	Pshc
22	23	7023	Pshc
23	24	7024	Pshc
24	25	7025	Pshc
25	26	7026	Pshc
26	27	7027	Pshc
27	28	7028	Pshc
28	29	7029	Pshc
29	30	7030	Pshc
30	31	7031	Pshc
31	32	7032	Pshc
32	33	7033	Pshc
33	34	7034	Pshc
34	35	7035	Pshc
35	36	7036	Pshc
36	37	7037	Pshc
37	38	7038	Pshc
38	39	7039	Pshc
39	39.6	7040A	Qtz vein
39.6	40	7040B	Pdi
40	40.3	7041A	Pdi + Qtz
40.3	41	7041B	Pdi
41	42	7042	Pdi
42	42.3	7043A	Pdi
42.3	43	7043B	Pshc
43	44	7044	Pshc
44	45	7045	Pshc
45	46	7046	Pshc
46	47	7047	Pshc
47	48	7048	Pshc

From	To	Sample Number	Rock Type
48	49	7049	Pshc
49	50	7050	Pshc
50	51	7051	Pshc
51	51.75	7052A	Qtz
51.75	52	7052B	Pdi
52	52.25	7053A	Pdi
52.25	53	7053B	Qtz
53	53.6	7054A	Pdi
53.6	53.9	7054B	Pshc + Qtz
53.9	54	7054C	Pdi
54	54.65	7055A	Pdi + py
54.65	55	7055B	Pshc + Qtz
55	55.2	7056A	Qtz
55.2	56	7056B	Pshc + Qtz
56	57	7057	Pshc
57	58	7058	Pdi
58	59	7059	Pshc
59	59.55	7060A	Pshc
59.55	59.9	7060B	Qtz + Bc
59.9	60	7060C	Pshc
60	60.45	7061A	Pm
60.45	60.75	7061B	Pm+qtz+Aspy
60.75	61	7061C	Pm
61	62	7062A	Qtz
62	62.3	7063B	Pm
62.3	63	7063	Pm
63	64	7064	Pm
64	65	7065	Pm
65	66	7066	Pm
66	66.56	7067A	Pm stockwork
66.56	67	7067B	Pm
67	68	7068	Pm
68	69	7069	Pm
69	70	7070	Pm
70	71	7071	Pm
71	72	7072	Pm
72	73	7073	Pm
73	74	7074	Pm
74	75	7075	Pm
75	76	7076	Pm
76	77	7077	Pm
77	78	7078	Pm
78	79	7079	Pm
79	80	7080	Pm
80	80.3	7081A	Pm
80.3	80.6	7081B	Qtz
80.6	81	7081C	Psl
81	81.35	7082A	Psc
81.35	82	7082B	Qtz
82	83	7083	Psc
83	84	7084	Pvt

From	To	Sample Number	Rock Type
84	85	7085	Psl
85	85.4	7086A	Psc
85.4	86	7086B	Silicified Pvt
86	87	7087	Pcs
87	88	7088	Pcs
88	89	7089	Pvt
89	90	7090	Pcs
90	91	7091	Pvt
91	92	7092	Pcs
92	93	7093	Pcs
93	94	7094	Pcs
94	95	7095	Pdz
95	96	7096	Pcs
96	97	7097	Pcs
97	98	7098	Pcs
98	99	7099	Pcs
99	100	7100	Pdz
100	101	7101	Pdz
101	102	7102	Pdz
102	103	7103	Pdz
103	104	7104	Pdz
104	105	7105	Pdz
105	106	7106	Pdz
106	107	7107	Pdz
107	108	7108	Pdz
108	109	7109	Pdz
109	110	7110	Pdz
110	111	7111	Pdz
111	112	7112	Pdz
112	113	7113	Pdz
113	114	7114	Pdz
114	115	7115	Pdz
115	116	7116	Pdz
116	117	7117	Pdz
117	118	7118	Pdz
118	119	7119	Pdz
119	120	7120	Pdz
120	121	7121	Pdz

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. BCD 6 PROSPECT. BRIDGE CREEK

TENEMENT. MLN 1960 LOGGED BY. GAP

CO ORDINATES. 44778·9 E CROSS SECTION. E

59012·2 N LONG SECTION. N

85·9 RL

DRILL HOLE TYPE. DIAMOND COMPLETED/ABANDONDED

DRILL RIG. DRILLER.

DATE STARTED. /. /. FINISHED. /. /.

COLLAR INCLINATION. -60 DIRECTION. 90°

SAMPLE SERIES from. to.

WATER FLOW (est) .(gph)

REMARKS: HQ -> NQ TRIPLE TUBE.

orientated

: SURVEY -60° -> 82°

TO EOH 101m

SUMMARY LOG:

From	To	Sample	Rock Type	Au
0	1	6001	Pdz	0.15
1	2	6002	Pdz	L
2	3	6003	Pdz	L
3	4	6004	Pdz	L
4	5	6005	Pdz	L
5	6	6006	Pdz	L
6	7	6007	Pdz	L
7	8	6008	Pdz	L
8	9	6009	Pdz	L
9	10	6010	Pdz	L
10	11	6011	Pdz	L
11	12	6012	Pdz	L
12	13	6013	Pdz	0.09
13	14	6014	Pdz	0.01
14	15	6015	Pdz	L
15	16	6016	Pdz	L
16	17	6017	Pdz	L
17	18	6018	Pdz	L
18	19	6019	Pdz	1.24
19	20	6020	Pdz	L
20	21	6021	Pdz	L
21	22	6022	Pdz	L
22	23	6023	Pdz/Qtz	0.51
23	24	6024	Pdz/Qtz	0.16
24	25	6025	Pdz/Qtz	0.98
25	26	6026	Pdz/Qtz	0.14
26	27	6027	Pdz/Qtz	0.52
27	28	6028	Pdz	0.06
28	29	6029	Pdz	0.31
29	30	6030	Pdz	L
30	31	6031	Pdz	L
31	32	6032	Pdz	1.36
32	33	6033	Pdz	L
33	34	6034	Pdi	L
34	35	6035	Pdi	0.11
35	36	6036	Pdi	0.25
36	37	6037	Pdi	0.9
37	38	6038	Pdz	0.42
38	39	6039	Pdz/Qtz	0.07
39	40	6040	Pdz	0.36
40	41	6041	Pdz	0.16
41	42	6042	Pdz	0.43
42	42.8	6043A	Pdz	0.2
42.8	43	6043B	Qtz	6.09
43	43.3	6044A	Qtz	0.03
43.3	44	6044B	Pdz	0.49
44	45	6045	Pdz/Qtz	0.58
45	46	6046	Pdz/Qtz	0.44
46	47	6047	Pdz/Qtz	0.91
47	48	6048	Pdz/Qtz	2.61
48	49	6049	Pdz	0.06

49	50	6050	Pdz/Pcs	0.85
50	51	6051	Psc	0.52
51	52	6052	Pvt	0.31
52	53	6053	Psc	0.59
53	54	6054	Pvt	1.51
54	55	6055	Psc	0.69
55	56	6056	Pvt	0.13
56	57	6057	Psc	0.09
57	58	6058	Psc	0.08
58	59	6059	Psc	0.21
59	60	6060	Pvt	1.46
60	60.57	6061A	Pvt	3.09
60.57	60.87	6061B	Qtz/Vis. Au	0.57
60.87	61	6061C	Pvt	1.44
61	61.35	6062A	Pm	0.15
61.35	61.55	6062B	Qtz	0.84
61.55	62	6062C	Pm	L
62	63	6063	Psc	0.25
63	64	6064	Pm	0.19
64	64.5	6065A	Psc	0.32
64.5	64.8	6065B	Psc/Qtz	1.19
64.8	65	6065C	Psc	0.43
65	66	6066	Psc	0.42
66	67	6067	Pvt	0.46
67	67.3	6068A	Qtz	0.53
67.3	68	6068B	Psc	1.56
68	69	6069	Psc	0.34
69	69.5	6070A	Qtz/Ga/Sph	1.13
69.5	70	6070B	Pm sheared	0.2
70	70.5	6071A	Qtz/Sheared Psc	0.4
70.5	71	6071B	Psc	0.01
71	72	6072	Psc	0.22
72	72.75	6073A	Qtz/Sheared Pm/Py	1.37
72.75	73	6073B	Sheared Pm/Qtz/Py	0.68
73	73.4	6074A	Sheared Psh/Qtz/Py	1.74
73.4	73.75	6074B	Sheared Pm	0.67
73.75	74	6074C	Sheared Psh/Qtz/Py	0.17
74	74.5	6075A	Sheared Pm/Sph	0.01
74.5	75	6075B	Pshc	0.21
75	76	6076	Pshc	1.19
76	77	6077	Pshc	0.23
77	78	6078	Pshc	0.23
78	79	6079	Pshc	0.1
79	79.5	6080A	Pshc	L
79.5	80	6080B	Qtz	0.31
80	80.35	6081A	Pshc/Qtz	0.24
80.35	81	6081B	Qtz	1.51
81	82	6082	Qtz	0.52
82	82.2	6083A	Lam qtz	0.62
82.2	83	6083B	Sheared Pshc	0.71
83	84	6084	Qtz/Sheared Pshc	0.25
84	85	6085	Sheared Pshc/Qtz	L

85	86	6086	Pshc	L
86	87	6087	Pshc	L
87	88	6088	Pshc	L
88	89	6089	Pshc	0.07
89	90	6090	Pshc	L
90	91	6091	Pshc	0.31
91	92	6092	Pshc	L
92	93	6093	Pshc	L
93	94	6094	Pshc	L
94	95	6095	Pshc	L
95	96	6096	Pshc	L
96	97	6097	Pshc	L
97	97.7	6098A	Sheared Pshc/Qtz	L
97.7	98	6098B	Qtz/Py	L
98	98.5	6099A	Qtz/Py	L
98.5	99	6099B	Sheared Pshc/Qtz	L
99	100	6100	Pshc	L
100	101	6101	Pshc	L

MC 377-80

HOWLEY RIDGE

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. HRD1 PROSPECT. NUGGET

TENEMENT. LOGGED BY.

CO ORDINATES. ~~55798~~ 44905.7 E CROSS SECTION. E

~~55798~~ 450 N LONG SECTION. N

103.3 RL

DRILL HOLE TYPE. HQ triple tube COMPLETED/ABANDONDED

DRILL RIG. WARMAN 750 DRILLER. GADEN

DATE STARTED. 11./.8./.91. FINISHED. 11./.8./.91.

COLLAR INCLINATION. -45 DIRECTION. 87°

SAMPLE SERIES from. to.

WATER FLOW (est) .(gph)

REMARKS:

60m South of HRP4 Drilled at -45° towards 87°
EOH 27m

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. NRD.1...

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
0 - 1	001			SOIL
1 - 2	002			Pgt
2 - 3	003			Pgt
3 - 4	004			Pgt
4 - 5	005			Pgt
5 - 6	006			Pgt
6 - 7	007			Pgt
7 - 8	008			Pgt
8 - 9	009			Pgt
9 - 0	010			Pgt
10 - 11	011			Pgt
11 - 12	012			Pgt
12 - 13	013			Pgt
13 - 14	014			Pgt
14 - 15	015			Pm / Pgt
15 - 16	016			Pgt
16 - 17	017			Pgt
17 - 18	018			Pgt
18 - 19	019			Pgt
19 - 20	020			Pgt
20 - 21	021			Pgt
21 - 22	022			Pgt
22 - 23	023			Pgt
23 - 24	024			Pgt
24 - 25	025			Pgt
25 - 26	026			Pgt
26 - 27	027			Pgf
8				
9				
0				

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

NORTHERN GOLD N.L.

DRILL HOLE DATA SHEET

HOLE No. HRD2 PROSPECT. NUGGET

TENEMENT. LOGGED BY.

CO ORDINATES. 45009.2 E CROSS SECTION. E

55499.5 N LONG SECTION. N

102.7 RL

DRILL HOLE TYPE. HQ tripple tube. COMPLETED/ABANDONDED

DRILL RIG. WARMAN 750 DRILLER. GADEN

DATE STARTED. 12./.8./.91. FINISHED. 12./.8./.91.

COLLAR INCLINATION. -45 DIRECTION. 86°

SAMPLE SERIES from. to.

WATER FLOW (est) .....(gph)

REMARKS:

DRILLED 50cm NORTH of HRP 22.

EOH 30m

SUMMARY LOG:

NORTHERN GOLD N.L.

HOLE No. NED 3 . . .

DRILLING LOG SHEET

DEPTH TO	SAMPLE No.	TYPE	Au.	DESCRIPTION
0 - 1	001		SO	SOIL.
1 - 2	002		Pgt	
2 - 3	003		Pgt	
2 - 4	004		Pgt	
4 - 5	005		Pgt	
5 - 6	006		Pgt	
6 - 7	007		Pgt	
7 - 8	008		Pgt	
8 - 9	009		Pgt	
9 - 10	010		Pgt	
10 - 11	011		Pgt	
11 - 12	012		Pgt	
12 - 13	013		Pgt	
13 - 14	014		Pgt	
14 - 15	015		Pgt	
15 - 16	016		Pgt	
16 - 17	017		Pgt	
17 - 18	018		Pgt	
18 - 19	019		PsL	
19 - 20	020		PsL	
20 - 21	021		PsL	
21 - 22	022		PsL	
22 - 23	023		PsL	
22 - 24	024		PsL	
24 - 25	025		PsL	
25 - 26	026		PsL	
26 - 27	027		Pgt	
27 - 28	028		PsL	
28 - 29	029		PsL	
29 - 30	030		PsL	

TYPE N = NO SAMPLE
S = SLUDGE
C = CONTAMINATED

APPENDIX 2

Sample results

EL 5065

POSSUM PROSPECT

HOLE NO	FROM	TO	SAMPLE	AU1	CU	PB	ZN	AS
PS1	60.0	60.4	14024	SL				X
PS1	62.5	63.0	14025	SL				X
PS1	63.8	64.0	14026	L				X
PS1	64.5	65.2	14027	0.02				X
PS1	65.8	66.3	14028	L				X
PS1	66.6	66.9	14029	L				X
PS1	66.9	67.5	14030	0.02				X
PS1	68.2	69.5	14031	0.02				X
PS1	77.5	77.7	14032	0.02				X
PS1	84.7	88.8	14033	0.03				X
PS1	93.4	93.5	14034	5.94				X
PS1	93.5	93.6	14034	5.94				X
PS2	6.00	7.00	7	0.02				X
PS2	7.00	8.00	8	0.03				X
PS2	8.00	9.00	9	0.02				X
PS2	9.00	10.0	10	L				X
PS2	10.0	11.0	11	0.01				X
PS2	11.0	12.0	12	0.01				X
PS2	12.0	13.0	13	0.06				X
PS2	13.0	14.0	14	0.01				X
PS2	14.0	15.0	15	L				X
PS2	15.0	16.0	16	L				X
PS2	16.0	17.0	17	0.01				X
PS2	17.0	18.0	18	L				X
PS2	18.0	19.0	19	0.01				X
PS2	19.0	20.0	20	0.02				X
PS2	20.0	21.0	21	L				X
PS2	21.0	22.0	22	L				X
PS2	22.0	23.0	23	0.01				X
PS2	23.0	24.0	24	L				X
PS2	24.0	25.0	25	L				X
PS2	25.0	26.0	26	L				X
PS2	26.0	27.0	27	0.01				X
PS2	27.0	28.0	28	L				X
PS2	28.0	29.0	29	0.01				X
PS2	29.0	30.0	30	0.01				X
PS2	30.0	31.0	31	L				X
PS2	31.0	32.0	32	L				X
PS2	32.0	33.0	33	L				X
PS2	33.0	34.0	34	L				X
PS2	34.0	35.0	35	0.01				X
PS2	35.0	36.0	36	L				X
PS2	36.0	37.0	37	0.01				X
PS2	37.0	38.0	38	L				X
PS2	38.0	39.0	39	L				X
PS2	39.0	40.0	40	L				X
PS2	40.0	41.0	41	L				X
PS2	41.0	42.0	42	L				X
PS2	42.0	43.0	43	0.03				X
PS2	43.0	44.0	44	0.01				X
PS2	44.0	45.0	45	0.01				X
PS2	45.0	46.0	46	L				X
PS2	46.0	47.0	47	L				X
PS2	47.0	48.0	48	L				X
PS2	48.0	49.0	49	L				X
PS2	49.0	50.0	50	L				X
PS2	50.0	51.0	51	L				X
PS2	51.0	52.0	52	0.01				X

HOLE NO	FROM	TO	SAMPLE	AU1	CU	PB	ZN	AS
PS3	39.0	39.3	13906	L	28	20	78	X
			13907	L	85	17	70	X
PS3	39.4	41.6	13908	L	26	14	61	X
PS3	41.6	42.6	13909	0.01	46	12	61	X
PS3	42.6	42.8	13910	L	52	19	64	X
PS3	42.8	43.1	13910	L	52	19	64	X
PS3	43.1	43.2	13910	L	52	19	64	X
PS3	43.2	43.4	13911	L	39	16	55	X
PS3	43.4	43.6	13912	L	85	8	67	X
PS3	43.6	43.8	13912	L	85	8	67	X
PS3	43.8	44.2	13912	L	85	8	67	X
PS3	44.2	44.8	13913	L	47	8	55	X
PS3	44.8	45.2	13914	L	87	13	32	X
PS3	45.2	45.6	13915	L	20	13	70	
PS3	45.6	46.4	14001	L	49	7	73	
PS3	46.4	46.6	14002	0.01	129	9	49	
PS3	46.6	47.1	14003	0.01	40	10	72	
PS3	47.1	47.5	14004	L	24	6	72	
PS3	47.5	48.0	14005	0.01	40	9	57	
PS3	48.0	48.3	14006	0.01	109	18	77	
PS3	48.3	49.3	14007	0.01	43	6	64	
PS3	49.3	49.7	14008	0.01	28	X	69	
PS3	49.7	50.1	14009	L	36	20	75	
PS3	50.1	50.7	14010	0.01	40	X	65	
PS3	50.7	50.9	14011	0.01	43	X	71	
PS3	50.9	51.2	14011	0.01	43	X	71	
PS3	51.2	51.6	14012	0.02	56	13	95	
PS3	51.6	51.9	14013	0.05	21	14	77	
PS3	51.9	52.1	14014	4.78	98	150	123	
PS3	62.3	62.6	14015	0.05	67	59	93	
PS3	62.6	63.0	14015	0.05	67	59	93	
PS3	63.0	63.2	14015	0.05	67	59	93	
PS3	70.3	75.9	14016	0.01	8	6	54	

EL 5065

HAPPY VALLEY PROSPECT

Happy Valley RAB Drill And Re-assay Results

Hole	From	To	Sample	Au ppm
HV1	2	5	14384	0.13
HV1	2	3	HV103	0.028
HV1	3	4	HV104	0.044
HV1	4	5	HV105	0.015
HV1	5	10	14385	0.008
HV1	10	10.5	14386	0.026
HV2	2	5	14387	0.005
HV2	5	10	14388	0.015
HV2	10	13	14389	0.035
HV2	13	14	14390	0.045
HV3A	1	2	14391	0.006
HV3B	2	5	14392	0.009
HV3B	5	6	14393	0.008
HV3B	6	7	14394	0.014
HV4	2	5	14395	0.011
HV4	5	8	14396	0.07
HV4	5	6	HV406	0.005
HV4	6	7	HV407	0.01
HV4	7	8	HV408	0.01
HV4	8	9	14397	0.023
HV5	2	5	14398	0.011
HV5	5	10	14399	0.025
HV5	10	10.5	14400	0.011
HV6	2	5	14443	L
HV6	5	10	14444	L
HV6	10	13	14445	L
HV6	13	14	14446	0.006
HV12	0	2	14447	0.014
HV12	2	4	14448	L
HV12	4	6	14449	0.006
HV12	6	8	14450	0.009
HV12	8	10	14451	0.022
HV11	0	2	14452	0.047
HV11	2	4	14453	0.006
HV11	4	6	14454	L
HV11	6	8	14455	L
HV11	8	10	14456	L
HV10	0	2	14457	0.057
HV10	2	4	14458	0.016
HV10	4	6	14459	0.024
HV10	6	8	14460	0.011
HV10	8	10	14461	0.012
HV9	0	2	14462	0.039
HV9	2	4	14463	0.103
HV9	2	3	HV903	0.031
HV9	3	4	HV904	0.169
HV9	4	6	14464	0.028
HV9	6	8	14465	0.006
HV9	8	10	14466	0.098
HV9	8	9	HV909	0.048
HV9	9	10	HV910	0.049
HV8	0	2	14467	0.056
HV8	2	4	14468	0.016
HV8	4	6	14469	0.038
HV8	6	8	14470	0.031
HV8	8	9	14471	0.011

EL 6494

GOLDEN WALL PROSPECT

HOLE NUMBER	FROM	TO	SAMPLE NUMBER	Au (PPM)
11	0	3	14109	0.011
11A	0	5	14110	0.006
11A	5	8	14111	L
12	0	5	14107	0.028
12	5	10	14108	0.009
13	0	1	GW1301	0.035
13	1	2	GW1302	0.115
13	2	3	GW1303	0.076
13	3	4	GW1304	0.067
13	4	5	GW1305	0.077
13	5	6	GW1306	0.165
13	6	7	GW1307	0.062
13	7	8	GW1308	0.056
13	8	9	GW1309	0.069
14	0	5	14103	0.071
14	5	6	14104	0.035
15	0	5	14101	0.026
15	5	6	14102	0.017
16	0	1	GW1601	0.019
16	1	2	GW1602	0.025
16	2	3	GW1603	0.207
16	3	4	GW1604	0.137
17	0	2	14127	0.009
17A	0	5	14128	0.059
17A	5	10	14129	0.038
18	0	5	14121	0.013
18	5	10	14122	0.01
18	10	15	14123	0.022
18	15	16.5	14124	0.013
18A	0	5	14125	0.013
18A	5	10	14126	0.029
19	0	5	14115	0.014
19	5	10	14116	0.006
19	10	15	14117	0.013
20	0	5	14112	0.007
20	5	10	14113	L
20	10	11.5	14114	0.013
21	0	1	GW2101	0.033
21	1	2	GW2102	0.02
21	2	4	14299	0.05
21	4	6	14300	0.04
21	6	8	14301	0.03
21	8	10	14302	0.04
21	10	12	14303	0.04
21	12	14	14304	0.02
21	14	16	14305	0.02
21	16	18	14306	0.02
21	18	20	14307	L
22	0	2	14288	0.065
22	2	3	GW2203	0.028
22	3	4	GW2204	0.095
22	4	5	GW2205	0.178
22	5	6	GW2206	0.05
22	6	8	14291	0.022
22	8	9	GW2209	0.006
22	9	10	GW2210	0.018
22	10	12	14293	0.028
22	12	14	14294	0.017

HOLE NUMBER	FROM	TO	SAMPLE NUMBER	Au (PPM)
22	14	16	14295	0.011
22	16	18	14296	0.013
22	18	20	14297	0.036
23	0	2	14279	0.033
23	2	4	14280	0.015
23	4	6	14281	0.045
23	6	8	14282	0.023
23	8	10	14283	0.079
23	10	12	14284	0.047
23	12	14	14285	0.045
23	14	15	GW2315	0.154
23	15	16	GW2316	0.021
23	16	17	14287	0.028
24	0	1	GW2401	0.19
24	1	2	GW2402	0.08
24	2	3	GW2403	0.047
24	3	4	GW2404	0.112
24	4	5	GW2405	0.107
24	5	6	GW2406	0.085
24	6	7	GW2407	0.133
24	7	8	GW2408	0.019
24	8	9	GW2409	0.189
24	9	10	GW2410	0.074
24	10	12	14274	0.075
24	12	13	GW2413	0.2
24	13	14	GW2414	0.239
24	14	15	GW2415	0.305
24	15	16	GW2416	0.382
24	16	18	14277	0.015
24	18	20	14278	0.022
25	0	1	GW2501	0.049
25	1	2	GW2502	0.113
25	2	4	14260	0.028
25	4	6	14261	0.035
25	6	8	14262	0.011
25	8	10	14263	0.012
25	10	12	14264	0.03
25	12	13	GW2513	0.009
25	13	14	GW2514	0.109
25	14	15	GW2515	0.244
25	15	16	GW2516	0.081
25	16	18	14267	0.016
25	18	19	14268	L
26	0	5	14146	0.031
26	5	10	14147	0.011
26A	0	1	GW2601	0.009
26A	1	2	GW2602	0.039
26A	2	3	GW2603	0.041
26A	3	4	GW2604	0.269
26A	4	5	GW2605	0.438
26A	5	6	GW2606	0.593
26A	6	7	GW2607	0.406
26A	7	8	GW2608	0.482
26A	8	9	GW2609	0.271
26A	9	10	GW2610	0.475
26B	0	5	14148	0.021
26B	5	6.9	14149	L
26C	0	5	14150	0.022

HOLE NUMBER	FROM	TO	SAMPLE NUMBER	Au (PPM)
26C	5	10	14151	0.009
27	0	4	14142	0.005
27	4	5	GW2705	0.006
27	5	6	GW2706	0.018
27	6	7	GW2707	0.007
27A	0	2	14141	L
28	0	4	14140	L
28A	0	5	14138	0.007
28A	5	10	14139	0.007
29	0	5	14136	L
29	5	10	14137	0.008
29A	0	5	14135	L
30	0	5	14133	L
30	5	10	14134	L
30A	0	5	14131	0.005
30A	5	6	14132	0.008
31	0	5	14310	L
31	5	10	14311	L
32	0	3	14309	L
33	0	3	14308	L
34	0	2.5	14163	0.007
35	0	5	14162	0.005
36	0	1	GW3601	0.07
36	1	2	GW3602	0.035
36	2	3	GW3603	0.029
37	0	4	14160	0.04
38	0	3	14158	0.036
38A	0	2	14159	0.076
39	0	5	14156	0.041
39	5	10	14157	0.012
40	0	1	GW4001	0.272
40	1	2	GW4002	0.158
40	2	3	GW4003	0.104
40	3	4	GW4004	0.095
40	4	5	GW4005	0.051
40	5	10	14155	0.008
41	0	5	14153	0.031
42	0	4.8	14152	0.017
44	0	5	14330	L
45	0	5	14329	L
46	0	5	14328	0.03
47	0	5	14327	0.02
48	0	5	14326	0.04
49	0	2	14325	0.06
50	0	1	GW5001	0.605
50	1	2	GW5002	0.389
50	2	3	GW5003	0.171
50	3	4	GW5004	0.254
50	4	5	GW5005	0.371
51	0	1	GW5101	0.19
51	1	2	GW5102	0.72
51	2	3	GW5103	0.116
51	3	4	GW5104	0.104
51	4	5	GW5105	0.076
52	0	1	GW5201	0.057
52	1	2	GW5202	0.529
52	2	3	GW5203	0.092
52	3	4	GW5204	0.077

070

HOLE NUMBER	FROM	TO	SAMPLE NUMBER	Au (PPM)	DESCRIPTION
4	4	5	GW5405	0.122	
55	0	5	14319	0.02	
56	0	5	14318	L	
7	0	5	14317	L	
8	0	3	14316	L	
59	0	5	14315	L	
0	0	1	14314	L	
1	0	3	14313	L	
62	0	3	14312	L	

MCN 3278

MIDWAY PROSPECT

HOLE NUMBER	FROM	TO	SAMPLE NUMBER	Au (PPM)	DESCRIPTION
6	8	10	14253	L	Gwm/Chm
6	10	12	14254	0.015	Gwm/Chm
6	12	14	14255	L	Gwm/Chm
6	14	16	14256	L	Gwm/Chm
6	16	18	14257	L	Gwm/Chm
6	18	20	14258	0.029	Gwm/Chm
7	0	2	14239	0.028	Chm/Gwm
7	2	4	14240	0.076	Gwm
7	4	6	14241	L	Chm/Gwm
7	6	8	14242	L	Chm/Gwm-7, Gwm/Sch
7	8	9	GW709	0.419	Gwm/Sch
7	9	10	GW710	0.073	Gwm/Sch
7	10	11	GW711	0.6	Gwm/Sch
7	11	12	GW712	0.068	Gwm/Sch
7	12	14	14245	0.034	Bk/Gwm + to 10% qtz
7	14	16	14246	0.025	Bk/Gwm + to 10% qtz
7	16	18	14247	0.027	Chm
7	18	19	GW719	0.232	Chm
7	19	20	GW720	1.924	Bk/Gy Gwm +5%qtz
8	0	2	14229	0.005	Gy/Blu Chm/Chl
8	2	4	14230	L	Gy/Blu Chm/Chl
8	4	6	14231	0.005	Gy/Blu Chm/Chl
8	6	7	GW807	0.058	Chm
8	7	8	GW808	6.32	Chm + 10%qtz
8	8	10	14233	0.008	Gy Gwm
8	10	11	GW811	0.012	Gwm + 40%qtz
8	11	12	GW812	0.124	Gwm + 30%qtz
8	12	13	GW813	0.521	Gwm + 25%qtz
8	13	14	GW814	0.092	Pnk Chm + tr qtz
8	14	16	14236	L	Pnk Chm + tr qtz
8	16	18	14237	0.011	PnkChm-17,to 20%qtz
8	18	20	14238	L	To 20%qtz Chm/Gwm,py
9	0	2	14219	0.006	Br/Gy Chm/Gwm
9	2	4	14220	0.008	Br/Gy Chm/Gwm
9	4	6	14221	0.006	Br/Gy Chm/Gwm
9	6	8	14222	L	Br/Gy Chm/Gwm
9	8	10	14223	L	Chm/Gwm-9,50%qtz,py
9	10	12	14224	L	Chm+5% qtz-11, Chm
9	12	14	14225	L	Blu/Gy Chm
9	14	16	14226	L	Blu/Gy Chm
9	16	18	14227	L	Gy Gwm/Sch
9	18	20	14228	L	Br/Pnk Chm
10	0	2	14209	L	Br/Gy Chm
10	2	4	14210	0.007	Br/Gy Chm
10	4	6	14211	0.008	Br/Gy Chm
10	6	8	14212	L	Blu/Gy Chm
10	8	10	14213	L	Blu/Gy Chm
10	10	12	14214	L	Chm-11,50% qtz-12
10	12	14	14215	L	Blu/Gy Chm
10	14	16	14216	0.005	Blu/Gy Chm
10	16	18	14217	L	Blu/Gy Chm
10	18	20	14218	L	Blu/Gy Chm

HOLE NUMBER	FROM	TO	SAMPLE NUMBER	Au (PPM)	DESCRIPTION
1	0	2	14199	0.009	Rd Sol + qtz frag
1	2	4	14200	0.009	Gy/Br Gwm
1	4	6	14201	0.005	Gy/Br Gwm
1	6	8	14202	0.006	Gy/Br Gwm
1	8	10	14203	L	Gy/BrGwm-9,+30%qtz
1	10	12	14204	0.011	Gwm/Chm
1	12	14	14205	L	Chm/Gwm
1	14	15	GW115	0.01	Chm/Gwm
1	15	16	GW116	0.052	Chm/Gwm
1	16	18	14207	0.011	Chm/Gwm
1	18	20	14208	0.007	Chm/Gwm
2	0	2	14190	0.01	Rd Sol+qtz-1.Gwm/Cly
2	2	4	14191	0.005	Wt Cly + Gwm
2	4	6	14192	L	Wt Cly + Gwm
2	6	8	14193	L	Wt Cly + Gwm
2	8	10	14194	L	Wt Cly + Gwm
2	10	12	14195	0.011	Wt Cly + Gwm
2	11	12	GW212	0.006	Gwm + tr qtz
2	12	13	GW213	0.23	Gwm + tr qtz
2	13	14	GW214	0.112	Gwm + tr qtz
2	14	16	14197	0.038	Bk Gwm + 5% qtz
2	16	17	14198	0.026	Bk Gwm + tr qtz
3	0	2	14183	0.029	Rd/Br Sol + qtz
3	2	4	14184	0.012	Sol-3,Gwm
3	4	6	14185	0.086	Gwm + tr qtz
3	6	8	14186	0.018	Br Sol,Wt Cly,Gwm
3	8	10	14187	0.094	Br/Yel Gwm + tr Chm
3	10	12	14188	L	Br/Yel Gwm + tr Chm
3	12	14	14189	L	Br/Yel Gwm + tr Chm
4	0	2	14174	0.033	Rd Sol-1,Br Sol
4	2	3	GW403	0.017	Br/Or Gwm + tr qtz
4	3	4	GW404	0.115	Br/Or Gwm + tr qtz
4	4	5	GW405	0.346	Br/Or Gwm + tr qtz
4	5	6	GW406	0.122	Br/Or Gwm + tr qtz
4	6	8	14177	0.016	Br Gwm + Chm
4	8	10	14178	0.017	Br Gwm + Chm
4	10	12	14179	0.009	Br Gwm + Chm
4	12	13	GW413	1.009	Br Gwm + Chm
4	13	14	GW414	0.065	Br Gwm + Chm
4	14	15	GW415	0.038	Br Gwm + Chm
4	15	16	GW416	1.96	Br Gwm + Chm
4	16	17	14182	2.57	Br Gwm + Chm
5	0	1	GW501	0.007	Br/Gy Gwm + Chm
5	1	2	GW502	0.207	Br/Gy Gwm + Chm
5	2	3	GW503	0.02	Wt Chm + tr qtz
5	3	4	GW504	0.018	Wt Chm + tr qtz
5	4	6	14166	0.02	Wt Chm + tr qtz
5	6	8	14167	0.024	Br/Gy Chm + tr Gwm
5	8	10	14168	0.021	Br/Gy Chm + tr Gwm
5	10	12	14169	0.005	Pk/Br/Gry Chm
5	12	14	14170	L	Chm-13,Gwm
5	14	16	14171	0.01	Br/Purp Gwm
5	16	18	14172	L	Gwm
5	18	19	14173	0.01	Gwm
6	0	2	14249	0.01	Gwm/Chm
6	2	4	14250	L	Gwm/Chm
6	4	6	14251	L	Gwm/Chm
6	6	8	14252	L	Gwm/Chm

EL 6699

BEACON HILL PROSPECT

HOLE NUMBER	FROM	TO	SAMPLE NUMBER	Au (PPM)
63	0	5	14345	L
64	0	5	14344	0.04
65	0	5	14343	0.02
66	0	5	14342	0.04
67	0	3	14341	0.03
68	0	5	14340	0.03
69	0	5	14339	0.06
70	0	1	GW7001	0.039
70	1	2	GW7002	0.122
70	2	3	GW7003	2.664
70	3	4	GW7004	0.046
70	4	5	GW7005	0.25
71	0	5	14337	L
72	0	3	14336	0.03
73	0	1	14335	0.05
74	0	1	GW7401	0.342
74	1	2	GW7402	0.134
74	2	3	GW7403	2.205
75	0	4	14333	L
76	0	5	14332	L
77	0	5	14331	0.03
78	4	5	14363	0.03
79	4	5	14362	0.02
80	4	5	14361	0.02
81	4	5	14360	0.02
82	4	5	14359	L
83	4	5	14358	L
84	4	5	14357	L
85	4	5	14356	L
86	4	5	14355	L
87	4	5	14354	L
88	4	5	14353	L
89	4	5	14352	L
90	4	5	14351	L
91	4	5	14350	L
92	4	5	14349	L
93	4	5	14348	L
94	4	5	14347	L
95	4	5	14346	L
96	4	5	14383	L
97	4	5	14382	0.02
98	4	5	14381	0.02
99	4	5	14380	0.02
100	4	5	14379	L
101	4	5	14378	L
102	4	5	14377	L
103	4	5	14376	L
104	4	5	14375	L
105	4	5	14374	L
106	4	5	14373	0.02
107	4	5	14372	L
108	4	5	14371	L
109	4	5	14370	0.03
110	4	5	14369	L
111	4	5	14368	0.02
112	4	5	14367	0.02
113	4	5	14366	0.04
114	4	5	14365	0.02

HOLE NUMBER	FROM	TO	SAMPLE NUMBER	Au (PPM)
115	4	5	14364	0.02
116	0	5	14421	0.02
117	0	5	14420	0.03
118	0	4	14419	0.03
119	0	4	14418	0.03
120	0	5	14417	0.02
121	0	5	14416	L
122	0	3	14415	0.02
123	0	5	14414	0.02
124	0	5	14413	0.02
125	0	5	14412	0.02
126	0	5	14411	L
127	0	5	14410	0.02
128	0	5	14409	L
129	0	5	14408	0.02
130	0	3	14407	0.02
131	0	5	14406	L
132	0	5	14405	0.02
133	0	5	14404	L
134	0	5	14403	0.02
135	0	5	14402	L
136	0	5	14401	L
137	0	5	14442	0.02
138	0	3	14441	0.02
139	0	1	GW13901	0.149
139	1	2	GW13902	0.382
140	0	5	14439	0.02
141	0	5	14438	L
142	0	5	14437	L
143	0	5	14436	L
144	0	4	14435	L
145	0	5	14434	L
146	0	5	14433	L
147	0	5	14432	L
148	0	5	14431	L
149	0	4	14430	L
150	0	5	14429	L
151	0	5	14428	L
152	0	5	14427	L
153	0	5	14426	L
154	0	5	14425	L
155	0	1	GW15501	0.027
155	1	2	GW15502	0.009
155	2	3	GW15503	0.009
155	3	4	GW15504	0.008
155	4	5	GW15505	L
156	0	5	14423	L
157	0	5	14422	0.05

ERL 97

WESTERN ARM

HOLE	TO	TO	SAMPLE	AU(AV)
WA59	0.00	1.00	5901	0.09
WA59	1.00	2.00	5902	0.06
WA59	2.00	3.00	5903	0.06
WA59	3.00	4.00	5904	0.08
WA59	4.00	5.00	5905	0.12
WA59	5.00	6.00	5906	0.11
WA59	6.00	7.00	5907	0.13
WA59	7.00	8.00	5908	0.76
WA59	8.00	9.00	5909	0.25
WA59	9.00	10.00	5910	0.17
WA59	10.00	11.00	5911	0.17
WA59	11.00	12.00	5912	0.08
WA59	12.00	13.00	5913	0.11
WA59	13.00	14.00	5914	0.43
WA59	14.00	15.00	5915	0.14
WA59	15.00	16.00	5916	0.48
WA59	16.00	17.00	5917	0.60
WA59	17.00	18.00	5918	0.46
WA59	18.00	19.00	5919	0.84
WA59	19.00	20.00	5920	0.85
WA59	20.00	21.00	5921	0.31
WA59	21.00	22.00	5922	0.27
WA59	22.00	23.00	5923	0.32
WA59	23.00	24.00	5924	0.43
WA59	24.00	25.00	5925	2.44
WA59	25.00	26.00	5926	1.22
WA59	26.00	27.00	5927	0.32
WA59	27.00	28.00	5928	1.17
WA59	28.00	29.00	5929	3.86
WA59	29.00	30.00	5930	0.79
WA59	30.00	31.00	5931	0.74
WA59	31.00	32.00	5932	0.23
WA59	32.00	33.00	5933	0.81
WA59	33.00	34.00	5934	0.72
WA59	34.00	35.00	5935	0.98
WA59	35.00	36.00	5936	0.64
WA59	36.00	37.00	5937	0.54
WA59	37.00	38.00	5938	0.17
WA59	38.00	39.00	5939	0.30
WA59	39.00	40.00	5940	0.24
WA59	40.00	41.00	5941	0.07
WA59	41.00	42.00	5942	0.08
WA59	42.00	43.00	5943	0.91
WA59	43.00	44.00	5944	0.19
WA59	44.00	45.00	5945	0.25
WA59	45.00	46.00	5946	0.31
WA59	46.00	47.00	5947	0.08
WA59	47.00	48.00	5948	0.09
WA59	48.00	49.00	5949	0.22
WA59	49.00	50.00	5950	0.18
WA59	50.00	51.00	5951	0.07
WA59	51.00	52.00	5952	0.27
WA59	52.00	53.00	5953	0.81
WA59	53.00	54.00	5954	0.19
WA59	54.00	55.00	5955	0.59
WA59	55.00	56.00	5956	2.09
WA59	56.00	57.00	5957	5.38
WA59	57.00	58.00	5958	3.24
WA59	58.00	59.00	5959	0.46
WA59	59.00	60.00	5960	0.50
WA60	0.00	1.00	6001	0.89
WA60	1.00	2.00	6002	0.27
WA60	2.00	3.00	6003	0.07
WA60	3.00	4.00	6004	0.24
WA60	4.00	5.00	6005	0.39
WA60	5.00	6.00	6006	0.09
WA60	6.00	7.00	6007	0.04
WA60	7.00	8.00	6008	0.07
WA60	8.00	9.00	6009	0.02

HOLE	FROM	TO	SAMPLE	AU(AV)
WA60	9.00	10.00	6010	0.02
WA60	10.00	11.00	6011	0.02
WA60	11.00	12.00	6012	0.01
WA60	12.00	13.00	6013	0.01
WA60	13.00	14.00	6014	L
WA60	14.00	15.00	6015	L
WA60	15.00	16.00	6016	L
WA60	16.00	17.00	6017	0.29
WA60	17.00	18.00	6018	0.08
WA60	18.00	19.00	6019	0.05
WA60	19.00	20.00	6020	0.01
WA60	20.00	21.00	6021	0.03
WA60	21.00	22.00	6022	0.05
WA60	22.00	23.00	6023	1.97
WA60	23.00	24.00	6024	0.09
WA60	24.00	25.00	6025	7.82
WA60	25.00	26.00	6026	0.52
WA60	26.00	27.00	6027	0.35
WA60	27.00	28.00	6028	0.05
WA60	28.00	29.00	6029	0.18
WA60	29.00	30.00	6030	0.08
WA60	30.00	31.00	6031	0.02
WA60	31.00	32.00	6032	0.01
WA60	32.00	33.00	6033	0.02
WA60	33.00	34.00	6034	0.06
WA60	34.00	35.00	6035	0.03
WA60	35.00	36.00	6036	L
WA60	36.00	37.00	6037	0.54
WA60	37.00	38.00	6038	0.09
WA60	38.00	39.00	6039	0.06
WA60	39.00	40.00	6040	L
WA60	40.00	41.00	6041	0.01
WA60	41.00	42.00	6042	0.21
WA60	42.00	43.00	6043	0.07
WA60	43.00	44.00	6044	0.02
WA60	44.00	45.00	6045	0.03
WA60	45.00	46.00	6046	0.03
WA60	46.00	47.00	6047	0.01
WA60	47.00	48.00	6048	L
WA60	48.00	49.00	6049	0.05
WA60	49.00	50.00	6050	0.01
WA60	50.00	51.00	6051	L
WA60	51.00	52.00	6052	L
WA60	52.00	53.00	6053	0.02
WA60	53.00	54.00	6054	0.02
WA60	54.00	55.00	6055	L
WA60	55.00	56.00	6056	0.03
WA60	56.00	57.00	6057	0.02
WA60	57.00	58.00	6058	0.03
WA60	58.00	59.00	6059	0.08
WA60	59.00	60.00	6060	0.07
WA61	0.00	1.00	6101	0.60
WA61	1.00	2.00	6102	0.35
WA61	2.00	3.00	6103	0.05
WA61	3.00	4.00	6104	0.05
WA61	4.00	5.00	6105	0.02
WA61	5.00	6.00	6106	0.04
WA61	6.00	7.00	6107	0.02
WA61	7.00	8.00	6108	0.16
WA61	8.00	9.00	6109	0.02
WA61	9.00	10.00	6110	0.47
WA61	10.00	11.00	6111	0.08
WA61	11.00	12.00	6112	0.20
WA61	12.00	13.00	6113	0.06
WA61	13.00	14.00	6114	0.02
WA61	14.00	15.00	6115	0.01
WA61	15.00	16.00	6116	L
WA61	16.00	17.00	6117	0.01
WA61	17.00	18.00	6118	L

HOLE	TO	TO	SAMPLE	AU(AV)
WA61	18.00	19.00	6119	0.03
WA61	19.00	20.00	6120	L
WA61	20.00	21.00	6121	L
WA61	21.00	22.00	6122	L
WA61	22.00	23.00	6123	L
WA61	23.00	24.00	6124	0.01
WA61	24.00	25.00	6125	0.01
WA61	25.00	26.00	6126	0.01
WA61	26.00	27.00	6127	L
WA61	27.00	28.00	6128	L
WA61	28.00	29.00	6129	0.02
WA61	29.00	30.00	6130	L
WA61	30.00	31.00	6131	L
WA61	31.00	32.00	6132	L
WA61	32.00	33.00	6133	0.09
WA61	33.00	34.00	6134	0.02
WA61	34.00	35.00	6135	0.01
WA61	35.00	36.00	6136	0.01
WA61	36.00	37.00	6137	0.12
WA61	37.00	38.00	6138	0.02
WA61	38.00	39.00	6139	0.01
WA61	39.00	40.00	6140	0.01
WA61	40.00	41.00	6141	0.03
WA61	41.00	42.00	6142	0.02
WA61	42.00	43.00	6143	L
WA61	43.00	44.00	6144	0.02
WA61	44.00	45.00	6145	0.01
WA61	45.00	46.00	6146	0.01
WA61	46.00	47.00	6147	0.01
WA61	47.00	48.00	6148	0.02
WA61	48.00	49.00	6149	0.01
WA61	49.00	50.00	6150	0.01
WA61	50.00	51.00	6151	0.01
WA61	51.00	52.00	6152	0.01
WA61	52.00	53.00	6153	0.46
WA61	53.00	54.00	6154	0.02
WA61	54.00	55.00	6155	0.02
WA61	55.00	56.00	6156	0.01
WA61	56.00	57.00	6157	L
WA62	0.00	1.00	6201	1.10
WA62	1.00	2.00	6202	0.96
WA62	2.00	3.00	6203	0.21
WA62	3.00	4.00	6204	0.08
WA62	4.00	5.00	6205	0.06
WA62	5.00	6.00	6206	0.17
WA62	6.00	7.00	6207	0.14
WA62	7.00	8.00	6208	0.11
WA62	8.00	9.00	6209	0.11
WA62	9.00	10.00	6210	0.25
WA62	10.00	11.00	6211	3.72
WA62	11.00	12.00	6212	0.08
WA62	12.00	13.00	6213	0.11
WA62	13.00	14.00	6214	0.23
WA62	14.00	15.00	6215	0.09
WA62	15.00	16.00	6216	1.35
WA62	16.00	17.00	6217	0.08
WA62	17.00	18.00	6218	0.11
WA62	18.00	19.00	6219	0.35
WA62	19.00	20.00	6220	0.25
WA62	20.00	21.00	6221	0.22
WA62	21.00	22.00	6222	0.12
WA62	22.00	23.00	6223	0.23
WA62	23.00	24.00	6224	2.11
WA62	24.00	25.00	6225	0.62
WA62	25.00	26.00	6226	0.70
WA62	26.00	27.00	6227	1.67
WA62	27.00	28.00	6228	0.41
WA62	28.00	29.00	6229	0.95
WA62	29.00	30.00	6230	2.05

HOLE	FROM	TO	SAMPLE	AU(AV)
WA62	30.00	31.00	6231	0.48
WA62	31.00	32.00	6232	0.47
WA62	32.00	33.00	6233	0.28
WA62	33.00	34.00	6234	0.31
WA62	34.00	35.00	6235	0.58
WA62	35.00	36.00	6236	1.08
WA62	36.00	37.00	6237	2.14
WA62	37.00	38.00	6238	0.34
WA62	38.00	39.00	6239	0.43
WA62	39.00	40.00	6240	0.32
WA62	40.00	41.00	6241	0.36
WA62	41.00	42.00	6242	1.87
WA62	42.00	43.00	6243	0.34
WA62	43.00	44.00	6244	0.35
WA62	44.00	45.00	6245	0.41
WA62	45.00	46.00	6246	0.35
WA62	46.00	47.00	6247	0.42
WA62	47.00	48.00	6248	0.27
WA62	48.00	49.00	6249	0.86
WA62	49.00	50.00	6250	0.54
WA62	50.00	51.00	6251	0.66
WA62	51.00	52.00	6252	0.45
WA62	52.00	53.00	6253	1.27
WA62	53.00	54.00	6254	0.43
WA62	54.00	55.00	6255	0.30
WA62	55.00	56.00	6256	1.65
WA62	56.00	57.00	6257	0.52
WA62	57.00	58.00	6258	0.35
WA62	58.00	59.00	6259	0.45
WA62	59.00	60.00	6260	0.43
WA63	0.00	1.00	6301	2.34
WA63	1.00	2.00	6302	0.85
WA63	2.00	3.00	6303	0.51
WA63	3.00	4.00	6304	6.80
WA63	4.00	5.00	6305	0.79
WA63	5.00	6.00	6306	0.48
WA63	6.00	7.00	6307	0.57
WA63	7.00	8.00	6308	0.35
WA63	8.00	9.00	6309	0.24
WA63	9.00	10.00	6310	0.24
WA63	10.00	11.00	6311	1.35
WA63	11.00	12.00	6312	0.39
WA63	12.00	13.00	6313	0.23
WA63	13.00	14.00	6314	0.47
WA63	14.00	15.00	6315	0.24
WA63	15.00	16.00	6316	0.66
WA63	16.00	17.00	6317	1.22
WA63	17.00	18.00	6318	2.72
WA63	18.00	19.00	6319	1.77
WA63	19.00	20.00	6320	4.78
WA63	20.00	21.00	6321	4.46
WA63	21.00	22.00	6322	0.73
WA63	22.00	23.00	6323	2.04
WA63	23.00	24.00	6324	0.75
WA63	24.00	25.00	6325	0.27
WA63	25.00	26.00	6326	1.59
WA63	26.00	27.00	6327	0.38
WA63	27.00	28.00	6328	0.50
WA63	28.00	29.00	6329	0.68
WA63	29.00	30.00	6330	6.24
WA63	30.00	31.00	6331	2.34
WA63	31.00	32.00	6332	7.06
WA63	32.00	33.00	6333	1.36
WA63	33.00	34.00	6334	0.21
WA63	34.00	35.00	6335	0.08
WA63	35.00	36.00	6336	0.42
WA63	36.00	37.00	6337	1.39
WA63	37.00	38.00	6338	1.08
WA63	38.00	39.00	6339	0.05

HOLE	TO	TO	SAMPLE	AU(AV)
WA63	39.00	40.00	6340	0.07
WA63	40.00	41.00	6341	0.04
WA63	41.00	42.00	6342	0.01
WA63	42.00	43.00	6343	L
WA63	43.00	44.00	6344	0.08
WA63	44.00	45.00	6345	0.01
WA63	45.00	46.00	6346	0.01
WA63	46.00	47.00	6347	0.01
WA63	47.00	48.00	6348	0.01
WA63	48.00	49.00	6349	0.01
WA63	49.00	50.00	6350	0.01
WA63	50.00	51.00	6351	0.01
WA63	51.00	52.00	6352	0.23
WA63	52.00	53.00	6353	0.76
WA63	53.00	54.00	6354	0.19
WA63	54.00	55.00	6355	0.33
WA64	0.00	1.00	6401	0.02
WA64	1.00	2.00	6402	0.03
WA64	2.00	3.00	6403	0.09
WA64	3.00	4.00	6404	0.08
WA64	4.00	5.00	6405	0.10
WA64	5.00	6.00	6406	0.03
WA64	6.00	7.00	6407	0.10
WA64	7.00	8.00	6408	L
WA64	8.00	9.00	6409	0.04
WA64	9.00	10.00	6410	0.02
WA64	10.00	11.00	6411	0.01
WA64	11.00	12.00	6412	0.01
WA64	12.00	13.00	6413	0.07
WA64	13.00	14.00	6414	0.12
WA64	14.00	15.00	6415	0.26
WA64	15.00	16.00	6416	0.06
WA64	16.00	17.00	6417	0.08
WA64	17.00	18.00	6418	0.07
WA64	18.00	19.00	6419	0.07
WA64	19.00	20.00	6420	0.20
WA64	20.00	21.00	6421	0.29
WA64	21.00	22.00	6422	0.04
WA64	22.00	23.00	6423	L
WA64	23.00	24.00	6424	0.01
WA64	24.00	25.00	6425	0.05
WA64	25.00	26.00	6426	0.05
WA64	26.00	27.00	6427	0.01
WA64	27.00	28.00	6428	0.01
WA64	28.00	29.00	6429	0.01
WA64	29.00	30.00	6430	0.24
WA64	30.00	31.00	6431	0.01
WA64	31.00	32.00	6432	0.01
WA64	32.00	33.00	6433	0.02
WA64	33.00	34.00	6434	0.03
WA64	34.00	35.00	6435	0.05
WA64	35.00	36.00	6436	0.08
WA64	36.00	37.00	6437	0.08
WA64	37.00	38.00	6438	0.12
WA64	38.00	39.00	6439	0.11
WA64	39.00	40.00	6440	0.05
WA64	40.00	41.00	6441	0.04
WA64	41.00	42.00	6442	0.01
WA64	42.00	43.00	6443	0.01
WA64	43.00	44.00	6444	0.01
WA64	44.00	45.00	6445	0.01
WA64	45.00	46.00	6446	L
WA64	46.00	47.00	6447	0.01
WA64	47.00	48.00	6448	0.03
WA64	48.00	49.00	6449	0.26
WA64	49.00	50.00	6450	0.07
WA64	50.00	51.00	6451	0.04
WA64	51.00	52.00	6452	L
WA64	52.00	53.00	6453	0.01

HOLE	FROM	TO	SAMPLE	AU(AV)
WA64	53.00	54.00	6454	L
WA64	54.00	55.00	6455	L
WA64	55.00	56.00	6456	L
WA64	56.00	57.00	6457	L
WA64	57.00	58.00	6458	L
WA64	58.00	59.00	6459	L
WA64	59.00	60.00	6460	0.03
WA65	0.00	1.00	6501	2.38
WA65	1.00	2.00	6502	0.10
WA65	2.00	3.00	6503	0.14
WA65	3.00	4.00	6504	0.33
WA65	4.00	5.00	6505	0.82
WA65	5.00	6.00	6506	0.06
WA65	6.00	7.00	6507	0.01
WA65	7.00	8.00	6508	0.02
WA65	8.00	9.00	6509	0.04
WA65	9.00	10.00	6510	0.07
WA65	10.00	11.00	6511	0.01
WA65	11.00	12.00	6512	0.03
WA65	12.00	13.00	6513	0.04
WA65	13.00	14.00	6514	0.04
WA65	14.00	15.00	6515	0.02
WA65	15.00	16.00	6516	0.01
WA65	16.00	17.00	6517	24.36
WA65	17.00	18.00	6518	6.20
WA65	18.00	19.00	6519	0.43
WA65	19.00	20.00	6520	0.67
WA65	20.00	21.00	6521	0.53
WA65	21.00	22.00	6522	0.41
WA65	22.00	23.00	6523	0.27
WA65	23.00	24.00	6524	0.07
WA65	24.00	25.00	6525	0.02
WA65	25.00	26.00	6526	0.13
WA65	26.00	27.00	6527	0.67
WA65	27.00	28.00	6528	0.19
WA65	28.00	29.00	6529	0.11
WA65	29.00	30.00	6530	0.04
WA65	30.00	31.00	6531	0.04
WA65	31.00	32.00	6532	7.02
WA65	32.00	33.00	6533	0.06
WA65	33.00	34.00	6534	0.06
WA65	34.00	35.00	6535	0.08
WA65	35.00	36.00	6536	0.06
WA65	36.00	37.00	6537	0.34
WA65	37.00	38.00	6538	1.52
WA65	38.00	39.00	6539	1.29
WA65	39.00	40.00	6540	0.29
WA65	40.00	41.00	6541	0.15
WA65	41.00	42.00	6542	0.35
WA65	42.00	43.00	6543	0.27
WA65	43.00	44.00	6544	0.28
WA65	44.00	45.00	6545	0.15
WA65	45.00	46.00	6546	0.06
WA65	46.00	47.00	6547	1.28
WA65	47.00	48.00	6548	0.24
WA65	48.00	49.00	6549	1.00
WA65	49.00	50.00	6550	0.13
WA65	50.00	51.00	6551	4.86
WA65	51.00	52.00	6552	1.29
WA65	52.00	53.00	6553	0.45
WA65	53.00	54.00	6554	0.21
WA65	54.00	55.00	6555	0.32
WA65	55.00	56.00	6556	4.03
WA65	56.00	57.00	6557	0.36
WA65	57.00	58.00	6558	0.45
WA65	58.00	59.00	6559	0.54
WA65	59.00	60.00	6560	0.11
WA66	0.00	1.00	6601	3.38
WA66	1.00	2.00	6602	0.13

HOLE	TO	TO	SAMPLE	AU(AV)
WA66	2.00	3.00	6603	0.15
WA66	3.00	4.00	6604	0.20
WA66	4.00	5.00	6605	0.18
WA66	5.00	6.00	6606	0.15
WA66	6.00	7.00	6607	0.26
WA66	7.00	8.00	6608	0.41
WA66	8.00	9.00	6609	0.71
WA66	9.00	10.00	6610	1.28
WA66	10.00	11.00	6611	0.45
WA66	11.00	12.00	6612	0.98
WA66	12.00	13.00	6613	0.17
WA66	13.00	14.00	6614	0.54
WA66	14.00	15.00	6615	1.24
WA66	15.00	16.00	6616	0.57
WA66	16.00	17.00	6617	0.17
WA66	17.00	18.00	6618	0.19
WA66	18.00	19.00	6619	0.28
WA66	19.00	20.00	6620	0.45
WA66	20.00	21.00	6621	0.90
WA66	21.00	22.00	6622	0.21
WA66	22.00	23.00	6623	1.76
WA66	23.00	24.00	6624	0.21
WA66	24.00	25.00	6625	0.04
WA66	25.00	26.00	6626	0.04
WA66	26.00	27.00	6627	0.09
WA66	27.00	28.00	6628	0.03
WA66	28.00	29.00	6629	0.10
WA66	29.00	30.00	6630	1.91
WA66	30.00	31.00	6631	0.22
WA66	31.00	32.00	6632	1.58
WA66	32.00	33.00	6633	1.21
WA66	33.00	34.00	6634	4.43
WA66	34.00	35.00	6635	2.70
WA66	35.00	36.00	6636	0.39
WA66	36.00	37.00	6637	0.05
WA66	37.00	38.00	6638	1.32
WA66	38.00	39.00	6639	0.36
WA66	39.00	40.00	6640	0.07
WA66	40.00	41.00	6641	0.06
WA66	41.00	42.00	6642	0.07
WA66	42.00	43.00	6643	0.12
WA66	43.00	44.00	6644	0.32
WA66	44.00	45.00	6645	0.10
WA66	45.00	46.00	6646	0.06
WA66	46.00	47.00	6647	1.19
WA66	47.00	48.00	6648	0.19
WA66	48.00	49.00	6649	0.38
WA66	49.00	50.00	6650	0.13
WA66	50.00	51.00	6651	0.07
WA66	51.00	52.00	6652	0.02
WA66	52.00	53.00	6653	0.03
WA66	53.00	54.00	6654	0.07
WA66	54.00	55.00	6655	0.17
WA67	0.00	1.00	6701	0.04
WA67	1.00	2.00	6702	0.23
WA67	2.00	3.00	6703	0.15
WA67	3.00	4.00	6704	0.11
WA67	4.00	5.00	6705	0.12
WA67	5.00	6.00	6706	0.94
WA67	6.00	7.00	6707	0.50
WA67	7.00	8.00	6708	0.09
WA67	8.00	9.00	6709	0.27
WA67	9.00	10.00	6710	0.03
WA67	10.00	11.00	6711	0.04
WA67	11.00	12.00	6712	0.03
WA67	12.00	13.00	6713	0.20
WA67	13.00	14.00	6714	0.06
WA67	14.00	15.00	6715	0.47
WA67	15.00	16.00	6716	0.95

HOLE	FROM	TO	SAMPLE	AU(AV)
WA67	16.00	17.00	6717	0.41
WA67	17.00	18.00	6718	0.86
WA67	18.00	19.00	6719	0.11
WA67	19.00	20.00	6720	0.13
WA67	20.00	21.00	6721	0.03
WA67	21.00	22.00	6722	0.05
WA67	22.00	23.00	6723	0.17
WA67	23.00	24.00	6724	0.03
WA67	24.00	25.00	6725	0.03
WA67	25.00	26.00	6726	0.01
WA67	26.00	27.00	6727	0.01
WA67	27.00	28.00	6728	L
WA67	28.00	29.00	6729	0.01
WA67	29.00	30.00	6730	0.01
WA67	30.00	31.00	6731	0.11
WA67	31.00	32.00	6732	0.12
WA67	32.00	33.00	6733	0.10
WA67	33.00	34.00	6734	0.20
WA67	34.00	35.00	6735	0.10
WA67	35.00	36.00	6736	0.12
WA68	0.00	1.00	6801	0.16
WA68	1.00	2.00	6802	0.23
WA68	2.00	3.00	6803	0.18
WA68	3.00	4.00	6804	0.12
WA68	4.00	5.00	6805	0.21
WA68	5.00	6.00	6806	0.20
WA68	6.00	7.00	6807	0.09
WA68	7.00	8.00	6808	0.18
WA68	8.00	9.00	6809	0.23
WA68	9.00	10.00	6810	0.03
WA68	10.00	11.00	6811	0.08
WA68	11.00	12.00	6812	0.13
WA68	12.00	13.00	6813	0.40
WA68	13.00	14.00	6814	0.10
WA68	14.00	15.00	6815	0.08
WA68	15.00	16.00	6816	0.05
WA68	16.00	17.00	6817	0.12
WA68	17.00	18.00	6818	0.01
WA68	18.00	19.00	6819	0.03
WA68	19.00	20.00	6820	0.01
WA68	20.00	21.00	6821	0.04
WA68	21.00	22.00	6822	0.01
WA68	22.00	23.00	6823	0.05
WA68	23.00	24.00	6824	0.26
WA68	24.00	25.00	6825	0.12
WA68	25.00	26.00	6826	0.02
WA68	26.00	27.00	6827	0.01
WA68	27.00	28.00	6828	0.01
WA68	28.00	29.00	6829	0.25
WA68	29.00	30.00	6830	0.05
WA68	30.00	31.00	6831	0.16
WA68	31.00	32.00	6832	0.09
WA68	32.00	33.00	6833	0.04
WA68	33.00	34.00	6834	0.09
WA68	34.00	35.00	6835	1.52
WA68	35.00	36.00	6836	1.03
WA68	36.00	37.00	6837	0.23
WA68	37.00	38.00	6838	0.08
WA68	38.00	39.00	6839	3.84
WA68	39.00	40.00	6840	0.40
WA68	40.00	41.00	6841	0.61
WA68	41.00	42.00	6842	2.44
WA68	42.00	43.00	6843	1.32
WA68	43.00	44.00	6844	1.07
WA68	44.00	45.00	6845	0.51
WA68	45.00	46.00	6846	0.75
WA68	46.00	47.00	6847	0.17
WA68	47.00	48.00	6848	0.04
WA68	48.00	49.00	6849	0.27

HOLE	TO	TO	SAMPLE	AU(AV)
WA68	49.00	50.00	6850	0.16
WA68	50.00	51.00	6851	0.12
WA68	51.00	52.00	6852	0.87
WA68	52.00	53.00	6853	0.68
WA68	53.00	54.00	6854	0.19
WA68	54.00	55.00	6855	0.20
WA68	55.00	56.00	6856	0.14
WA68	56.00	57.00	6857	0.15
WA68	57.00	58.00	6858	0.13
WA68	58.00	59.00	6859	0.15
WA68	59.00	60.00	6860	0.19
WA69	0.00	1.00	6901	0.70
WA69	1.00	2.00	6902	2.13
WA69	2.00	3.00	6903	0.23
WA69	3.00	4.00	6904	0.35
WA69	4.00	5.00	6905	1.65
WA69	5.00	6.00	6906	0.28
WA69	6.00	7.00	6907	0.58
WA69	7.00	8.00	6908	0.29
WA69	8.00	9.00	6909	0.05
WA69	9.00	10.00	6910	0.02
WA69	10.00	11.00	6911	0.02
WA69	11.00	12.00	6912	L
WA69	12.00	13.00	6913	0.01
WA69	13.00	14.00	6914	0.03
WA69	14.00	15.00	6915	0.24
WA69	15.00	16.00	6916	0.57
WA69	16.00	17.00	6917	0.05
WA69	17.00	18.00	6918	0.09
WA69	18.00	19.00	6919	0.40
WA69	19.00	20.00	6920	1.74
WA69	20.00	21.00	6921	3.11
WA69	21.00	22.00	6922	3.64
WA69	22.00	23.00	6923	6.37
WA69	23.00	24.00	6924	1.25
WA69	24.00	25.00	6925	1.01
WA69	25.00	26.00	6926	0.10
WA69	26.00	27.00	6927	0.14
WA69	27.00	28.00	6928	0.58
WA69	28.00	29.00	6929	0.58
WA69	29.00	30.00	6930	0.32
WA69	30.00	31.00	6931	0.26
WA69	31.00	32.00	6932	0.10
WA69	32.00	33.00	6933	0.17
WA69	33.00	34.00	6934	0.09
WA69	34.00	35.00	6935	0.02
WA69	35.00	36.00	6936	0.07
WA69	36.00	37.00	6937	0.44
WA69	37.00	38.00	6938	0.19
WA69	38.00	39.00	6939	0.46
WA69	39.00	40.00	6940	1.05
WA70	0.00	1.00	WA7001	0.01
WA70	1.00	2.00	WA7002	0.02
WA70	2.00	3.00	WA7003	0.10
WA70	3.00	4.00	WA7004	0.11
WA70	4.00	5.00	WA7005	0.29
WA70	5.00	6.00	WA7006	0.14
WA70	6.00	7.00	WA7007	0.07
WA70	7.00	8.00	WA7008	0.43
WA70	8.00	9.00	WA7009	0.06
WA70	9.00	10.00	WA7010	0.18
WA70	10.00	11.00	WA7011	0.62
WA70	11.00	12.00	WA7012	0.54
WA70	12.00	13.00	WA7013	0.14
WA70	13.00	14.00	WA7014	0.08
WA70	14.00	15.00	WA7015	0.14
WA70	15.00	16.00	WA7016	0.18
WA70	16.00	17.00	WA7017	0.11
WA70	17.00	18.00	WA7018	0.51

HOLE	FROM	TO	SAMPLE	AU(AV)
WA70	18.00	19.00	WA7019	0.21
WA70	19.00	20.00	WA7020	0.37
WA70	20.00	21.00	WA7021	0.19
WA70	21.00	22.00	WA7022	0.26
WA70	22.00	23.00	WA7023	0.49
WA70	23.00	24.00	WA7024	0.51
WA70	24.00	25.00	WA7025	0.33
WA70	25.00	26.00	WA7026	0.29
WA70	26.00	27.00	WA7027	0.59
WA70	27.00	28.00	WA7028	0.47
WA70	28.00	29.00	WA7029	0.68
WA70	29.00	30.00	WA7030	0.64
WA70	30.00	31.00	WA7031	0.24
WA70	31.00	32.00	WA7032	0.66
WA70	32.00	33.00	WA7033	0.24
WA70	33.00	34.00	WA7034	0.74
WA70	34.00	35.00	WA7035	0.97
WA70	35.00	36.00	WA7036	0.62
WA70	36.00	37.00	WA7037	0.65
WA70	37.00	38.00	WA7038	0.30
WA70	38.00	39.00	WA7039	3.41
WA70	39.00	40.00	WA7040	0.48
WA70	40.00	41.00	WA7041	0.08
WA70	41.00	42.00	WA7042	0.22
WA70	42.00	43.00	WA7043	0.35
WA70	43.00	44.00	WA7044	0.15
WA70	44.00	45.00	WA7045	0.11
WA70	45.00	46.00	WA7046	0.16
WA70	46.00	47.00	WA7047	1.63
WA70	47.00	48.00	WA7048	0.50
WA70	48.00	49.00	WA7049	0.52
WA70	49.00	50.00	WA7050	1.59
WA70	50.00	51.00	WA7051	0.09
WA70	51.00	52.00	WA7052	0.04
WA70	52.00	53.00	WA7053	L
WA70	53.00	54.00	WA7054	0.02
WA71	0.00	1.00	WA7101	0.04
WA71	1.00	2.00	WA7102	L
WA71	2.00	3.00	WA7103	0.10
WA71	3.00	4.00	WA7104	0.02
WA71	4.00	5.00	WA7105	L
WA71	5.00	6.00	WA7106	0.01
WA71	6.00	7.00	WA7107	0.01
WA71	7.00	8.00	WA7108	0.07
WA71	8.00	9.00	WA7109	0.06
WA71	9.00	10.00	WA7110	0.14
WA71	10.00	11.00	WA7111	0.51
WA71	11.00	12.00	WA7112	0.21
WA71	12.00	13.00	WA7113	0.06
WA71	13.00	14.00	WA7114	0.19
WA71	14.00	15.00	WA7115	0.23
WA71	15.00	16.00	WA7116	0.11
WA71	16.00	17.00	WA7117	0.13
WA71	17.00	18.00	WA7118	0.10
WA71	18.00	19.00	WA7119	0.08
WA71	19.00	20.00	WA7120	0.39
WA71	20.00	21.00	WA7121	0.21
WA71	21.00	22.00	WA7122	0.87
WA71	22.00	23.00	WA7123	0.64
WA71	23.00	24.00	WA7124	0.15
WA71	24.00	25.00	WA7125	0.41
WA71	25.00	26.00	WA7126	0.98
WA71	26.00	27.00	WA7127	1.46
WA71	27.00	28.00	WA7128	0.64
WA71	28.00	29.00	WA7129	0.96
WA71	29.00	30.00	WA7130	0.53
WA71	30.00	31.00	WA7131	0.20
WA71	31.00	32.00	WA7132	0.25
WA71	32.00	33.00	WA7133	0.30

HOLE	TO	TO	SAMPLE	AU(AV)
WA71	33.00	34.00	WA7134	0.12
WA71	34.00	35.00	WA7135	0.46
WA71	35.00	36.00	WA7136	0.10
WA71	36.00	37.00	WA7137	0.12
WA71	37.00	38.00	WA7138	0.04
WA71	38.00	39.00	WA7139	0.02
WA71	39.00	40.00	WA7140	0.07
WA71	40.00	41.00	WA7141	0.08
WA71	41.00	42.00	WA7142	0.07
WA71	42.00	43.00	WA7143	5.24
WA71	43.00	44.00	WA7144	3.28
WA71	44.00	45.00	WA7145	0.02
WA71	45.00	46.00	WA7146	0.03
WA71	46.00	47.00	WA7147	0.02
WA71	47.00	48.00	WA7148	0.03
WA71	48.00	49.00	WA7149	0.10
WA71	49.00	50.00	WA7150	0.04
WA71	50.00	51.00	WA7151	0.16
WA71	51.00	52.00	WA7152	0.12
WA71	52.00	53.00	WA7153	0.11
WA71	53.00	54.00	WA7154	1.29
WA71	54.00	55.00	WA7155	0.16
WA71	55.00	56.00	WA7156	0.05
WA71	56.00	57.00	WA7157	0.05
WA71	57.00	58.00	WA7158	0.10
WA71	58.00	59.00	WA7159	0.03
WA71	59.00	60.00	WA7160	0.03
WA72	0.00	1.00	WA7201	0.01
WA72	1.00	2.00	WA7202	0.02
WA72	2.00	3.00	WA7203	0.03
WA72	3.00	4.00	WA7204	0.14
WA72	4.00	5.00	WA7205	0.05
WA72	5.00	6.00	WA7206	0.03
WA72	6.00	7.00	WA7207	0.07
WA72	7.00	8.00	WA7208	0.04
WA72	8.00	9.00	WA7209	0.07
WA72	9.00	10.00	WA7210	0.04
WA72	10.00	11.00	WA7211	0.02
WA72	11.00	12.00	WA7212	L
WA72	12.00	13.00	WA7213	0.02
WA72	13.00	14.00	WA7214	L
WA72	14.00	15.00	WA7215	L
WA72	15.00	16.00	WA7216	L
WA72	16.00	17.00	WA7217	L
WA72	17.00	18.00	WA7218	0.02
WA72	18.00	19.00	WA7219	0.03
WA72	19.00	20.00	WA7220	0.03
WA72	20.00	21.00	WA7221	0.02
WA72	21.00	22.00	WA7222	0.01
WA72	22.00	23.00	WA7223	L
WA72	23.00	24.00	WA7224	L
WA72	24.00	25.00	WA7225	L
WA72	25.00	26.00	WA7226	L
WA72	26.00	27.00	WA7227	0.03
WA72	27.00	28.00	WA7228	0.03
WA72	28.00	29.00	WA7229	0.02
WA72	29.00	30.00	WA7230	0.04
WA72	30.00	31.00	WA7231	0.01
WA72	31.00	32.00	WA7232	0.23
WA72	32.00	33.00	WA7233	0.02
WA72	33.00	34.00	WA7234	0.03
WA72	34.00	35.00	WA7235	0.03
WA72	35.00	36.00	WA7236	0.04
WA72	36.00	37.00	WA7237	0.04
WA72	37.00	38.00	WA7238	0.03
WA72	38.00	39.00	WA7239	0.02
WA72	39.00	40.00	WA7240	0.03
WA72	40.00	41.00	WA7241	0.20
WA72	41.00	42.00	WA7242	0.10

HOLE	FROM	TO	SAMPLE	AU(AV)
WA72	42.00	43.00	WA7243	0.12
WA72	43.00	44.00	WA7244	0.06
WA72	44.00	45.00	WA7245	0.04
WA72	45.00	46.00	WA7246	0.03
WA72	46.00	47.00	WA7247	0.04
WA72	47.00	48.00	WA7248	0.03
WA72	48.00	49.00	WA7249	0.04
WA72	49.00	50.00	WA7250	0.03
WA72	50.00	51.00	WA7251	0.03
WA72	51.00	52.00	WA7252	0.01
WA72	52.00	53.00	WA7253	0.01
WA72	53.00	54.00	WA7254	0.06
WA72	54.00	55.00	WA7255	0.02
WA72	55.00	56.00	WA7256	0.05
WA72	56.00	57.00	WA7257	L
WA72	57.00	58.00	WA7258	0.04
WA72	58.00	59.00	WA7259	0.03
WA72	59.00	60.00	WA7260	0.02
WA73	0.00	1.00	WA7301	0.01
WA73	1.00	2.00	WA7302	0.01
WA73	2.00	3.00	WA7303	0.11
WA73	3.00	4.00	WA7304	1.32
WA73	4.00	5.00	WA7305	0.25
WA73	5.00	6.00	WA7306	0.28
WA73	6.00	7.00	WA7307	0.06
WA73	7.00	8.00	WA7308	0.69
WA73	8.00	9.00	WA7309	0.14
WA73	9.00	10.00	WA7310	0.06
WA73	10.00	11.00	WA7311	0.05
WA73	11.00	12.00	WA7312	0.03
WA73	12.00	13.00	WA7313	2.61
WA73	13.00	14.00	WA7314	0.75
WA73	14.00	15.00	WA7315	0.34
WA73	15.00	16.00	WA7316	0.07
WA73	16.00	17.00	WA7317	0.06
WA73	17.00	18.00	WA7318	0.81
WA73	18.00	19.00	WA7319	0.04
WA73	19.00	20.00	WA7320	0.04
WA73	20.00	21.00	WA7321	0.02
WA73	21.00	22.00	WA7322	0.01
WA73	22.00	23.00	WA7323	0.02
WA73	23.00	24.00	WA7324	0.17
WA73	24.00	25.00	WA7325	0.01
WA73	25.00	26.00	WA7326	0.01
WA73	26.00	27.00	WA7327	0.01
WA73	27.00	28.00	WA7328	L
WA73	28.00	29.00	WA7329	L
WA73	29.00	30.00	WA7330	0.02
WA73	30.00	31.00	WA7331	0.21
WA73	31.00	32.00	WA7332	0.05
WA73	32.00	33.00	WA7333	0.02
WA73	33.00	34.00	WA7334	0.02
WA73	34.00	35.00	WA7335	0.12
WA73	35.00	36.00	WA7336	0.38
WA73	36.00	37.00	WA7337	0.25
WA73	37.00	38.00	WA7338	0.22
WA73	38.00	39.00	WA7339	0.02
WA73	39.00	40.00	WA7340	0.09
WA73	40.00	41.00	WA7341	0.01
WA73	41.00	42.00	WA7342	0.02
WA73	42.00	43.00	WA7343	0.01
WA73	43.00	44.00	WA7344	0.01
WA73	44.00	45.00	WA7345	0.11
WA73	45.00	46.00	WA7346	0.15
WA73	46.00	47.00	WA7347	0.03
WA73	47.00	48.00	WA7348	0.04
WA73	48.00	49.00	WA7349	0.01
WA73	49.00	50.00	WA7350	0.01
WA73	50.00	51.00	WA7351	0.01

HOLE	TO	TO	SAMPLE	AU(AV)
WA73	51.00	52.00	WA7352	0.02
WA73	52.00	53.00	WA7353	0.02
WA73	53.00	54.00	WA7354	0.02
WA73	54.00	55.00	WA7355	0.02
WA73	55.00	56.00	WA7356	0.01
WA73	56.00	57.00	WA7357	0.06
WA73	57.00	58.00	WA7358	0.11
WA73	58.00	59.00	WA7359	0.17
WA73	59.00	60.00	WA7360	0.04
WA74	0.00	1.00	WA7401	0.03
WA74	1.00	2.00	WA7402	0.02
WA74	2.00	3.00	WA7403	0.02
WA74	3.00	4.00	WA7404	0.03
WA74	4.00	5.00	WA7405	0.03
WA74	5.00	6.00	WA7406	0.09
WA74	6.00	7.00	WA7407	0.05
WA74	7.00	8.00	WA7408	0.05
WA74	8.00	9.00	WA7409	0.06
WA74	9.00	10.00	WA7410	0.06
WA74	10.00	11.00	WA7411	0.07
WA74	11.00	12.00	WA7412	0.06
WA74	12.00	13.00	WA7413	0.05
WA74	13.00	14.00	WA7414	0.06
WA74	14.00	15.00	WA7415	0.05
WA74	15.00	16.00	WA7416	0.07
WA74	16.00	17.00	WA7417	0.08
WA74	17.00	18.00	WA7418	0.05
WA74	18.00	19.00	WA7419	0.02
WA74	19.00	20.00	WA7420	0.01
WA74	20.00	21.00	WA7421	0.05
WA74	21.00	22.00	WA7422	0.40
WA74	22.00	23.00	WA7423	0.23
WA74	23.00	24.00	WA7424	0.58
WA74	24.00	25.00	WA7425	0.06
WA74	25.00	26.00	WA7426	0.07
WA74	26.00	27.00	WA7427	0.04
WA74	27.00	28.00	WA7428	0.12
WA74	28.00	29.00	WA7429	1.08
WA74	29.00	30.00	WA7430	0.35
WA74	30.00	31.00	WA7431	0.55
WA74	31.00	32.00	WA7432	0.30
WA74	32.00	33.00	WA7433	0.42
WA74	33.00	34.00	WA7434	0.13
WA74	34.00	35.00	WA7435	1.55
WA74	35.00	36.00	WA7436	0.26
WA74	36.00	37.00	WA7437	0.35
WA74	37.00	38.00	WA7438	0.09
WA74	38.00	39.00	WA7439	0.19
WA74	39.00	40.00	WA7440	0.08
WA74	40.00	41.00	WA7441	0.09
WA74	41.00	42.00	WA7442	0.34
WA74	42.00	43.00	WA7443	0.99
WA74	43.00	44.00	WA7444	0.34
WA74	44.00	45.00	WA7445	0.07
WA74	45.00	46.00	WA7446	0.16
WA74	46.00	47.00	WA7447	0.07
WA74	47.00	48.00	WA7448	0.11
WA74	48.00	49.00	WA7449	0.03
WA74	49.00	50.00	WA7450	0.03
WA74	50.00	51.00	WA7451	0.03
WA74	51.00	52.00	WA7452	0.04
WA74	52.00	53.00	WA7453	0.53
WA74	53.00	54.00	WA7454	0.06
WA74	54.00	55.00	WA7455	0.05
WA74	55.00	56.00	WA7456	0.66
WA74	56.00	57.00	WA7457	0.25
WA74	57.00	58.00	WA7458	0.06
WA74	58.00	59.00	WA7459	0.01
WA74	59.00	60.00	WA7460	0.18

HOLE	FROM	TO	SAMPLE	AU(AV)
WA75	0.00	1.00	WA7501	0.01
WA75	1.00	2.00	WA7502	0.01
WA75	2.00	3.00	WA7503	0.02
WA75	3.00	4.00	WA7504	0.15
WA75	4.00	5.00	WA7505	0.15
WA75	5.00	6.00	WA7506	0.21
WA75	6.00	7.00	WA7507	0.11
WA75	7.00	8.00	WA7508	0.28
WA75	8.00	9.00	WA7509	0.50
WA75	9.00	10.00	WA7510	0.72
WA75	10.00	11.00	WA7511	0.32
WA75	11.00	12.00	WA7512	0.59
WA75	12.00	13.00	WA7513	0.03
WA75	13.00	14.00	WA7514	0.17
WA75	14.00	15.00	WA7515	1.32
WA75	15.00	16.00	WA7516	0.46
WA75	16.00	17.00	WA7517	0.15
WA75	17.00	18.00	WA7518	0.09
WA75	18.00	19.00	WA7519	0.06
WA75	19.00	20.00	WA7520	0.33
WA75	20.00	21.00	WA7521	0.28
WA75	21.00	22.00	WA7522	0.28
WA75	22.00	23.00	WA7523	4.80
WA75	23.00	24.00	WA7524	0.25
WA75	24.00	25.00	WA7525	0.14
WA75	25.00	26.00	WA7526	9.49
WA75	26.00	27.00	WA7527	0.30
WA75	27.00	28.00	WA7528	0.17
WA75	28.00	29.00	WA7529	2.48
WA75	29.00	30.00	WA7530	0.91
WA75	30.00	31.00	WA7531	0.51
WA75	31.00	32.00	WA7532	0.46
WA75	32.00	33.00	WA7533	0.06
WA75	33.00	34.00	WA7534	0.04
WA75	34.00	35.00	WA7535	0.06
WA75	35.00	36.00	WA7536	0.03
WA75	36.00	37.00	WA7537	0.02
WA75	37.00	38.00	WA7538	0.05
WA75	38.00	39.00	WA7539	0.12
WA75	39.00	40.00	WA7540	0.06
WA75	40.00	41.00	WA7541	0.20
WA75	41.00	42.00	WA7542	3.09
WA75	42.00	43.00	WA7543	0.02
WA75	43.00	44.00	WA7544	0.04
WA75	44.00	45.00	WA7545	0.10
WA75	45.00	46.00	WA7546	0.21
WA75	46.00	47.00	WA7547	0.10
WA75	47.00	48.00	WA7548	0.06
WA75	48.00	49.00	WA7549	0.03
WA75	49.00	50.00	WA7550	0.04
WA75	50.00	51.00	WA7551	0.03
WA75	51.00	52.00	WA7552	0.48
WA75	52.00	53.00	WA7553	0.56
WA75	53.00	54.00	WA7554	0.34
WA75	54.00	55.00	WA7555	0.08
WA75	55.00	56.00	WA7556	0.26
WA75	56.00	57.00	WA7557	0.11
WA75	57.00	58.00	WA7558	0.10
WA75	58.00	59.00	WA7559	0.26
WA75	59.00	60.00	WA7560	0.33
WA76	0.00	1.00	WA7601	0.01
WA76	1.00	2.00	WA7602	L
WA76	2.00	3.00	WA7603	0.01
WA76	3.00	4.00	WA7604	L
WA76	4.00	5.00	WA7605	0.44
WA76	5.00	6.00	WA7606	0.39
WA76	6.00	7.00	WA7607	0.18
WA76	7.00	8.00	WA7608	0.09
WA76	8.00	9.00	WA7609	0.17

HOLE	TO	TO	SAMPLE	AU(AV)
WA76	9.00	10.00	WA7610	0.14
WA76	10.00	11.00	WA7611	0.03
WA76	11.00	12.00	WA7612	0.02
WA76	12.00	13.00	WA7613	0.02
WA76	13.00	14.00	WA7614	0.16
WA76	14.00	15.00	WA7615	0.10
WA76	15.00	16.00	WA7616	0.02
WA76	16.00	17.00	WA7617	0.06
WA76	17.00	18.00	WA7618	0.05
WA76	18.00	19.00	WA7619	0.02
WA76	19.00	20.00	WA7620	0.09
WA76	20.00	21.00	WA7621	0.66
WA76	21.00	22.00	WA7622	0.12
WA76	22.00	23.00	WA7623	0.08
WA76	23.00	24.00	WA7624	0.11
WA76	24.00	25.00	WA7625	0.03
WA76	25.00	26.00	WA7626	0.03
WA76	26.00	27.00	WA7627	0.02
WA76	27.00	28.00	WA7628	0.06
WA76	28.00	29.00	WA7629	0.06
WA76	29.00	30.00	WA7630	0.06
WA76	30.00	31.00	WA7631	0.13
WA76	31.00	32.00	WA7632	1.17
WA76	32.00	33.00	WA7633	0.01
WA76	33.00	34.00	WA7634	0.01
WA76	34.00	35.00	WA7635	L
WA76	35.00	36.00	WA7636	L
WA76	36.00	37.00	WA7637	0.05
WA76	37.00	38.00	WA7638	0.18
WA76	38.00	39.00	WA7639	0.04
WA76	39.00	40.00	WA7640	0.01
WA76	40.00	41.00	WA7641	0.02
WA76	41.00	42.00	WA7642	0.28
WA76	42.00	43.00	WA7643	0.53
WA76	43.00	44.00	WA7644	0.28
WA76	44.00	45.00	WA7645	0.12
WA76	45.00	46.00	WA7646	0.08
WA76	46.00	47.00	WA7647	0.01
WA76	47.00	48.00	WA7648	0.02
WA76	48.00	49.00	WA7649	L
WA76	49.00	50.00	WA7650	0.01
WA76	50.00	51.00	WA7651	0.01
WA76	51.00	52.00	WA7652	0.01
WA76	52.00	53.00	WA7653	0.02
WA76	53.00	54.00	WA7654	0.03
WA76	54.00	55.00	WA7655	0.08
WA76	55.00	56.00	WA7656	0.01
WA76	56.00	57.00	WA7657	L
WA76	57.00	58.00	WA7658	L
WA76	58.00	59.00	WA7659	0.01
WA76	59.00	60.00	WA7660	L
WA77	0.00	1.00	WA7701	0.01
WA77	1.00	2.00	WA7702	0.12
WA77	2.00	3.00	WA7703	0.01
WA77	3.00	4.00	WA7704	0.03
WA77	4.00	5.00	WA7705	0.05
WA77	5.00	6.00	WA7706	0.02
WA77	6.00	7.00	WA7707	0.03
WA77	7.00	8.00	WA7708	0.15
WA77	8.00	9.00	WA7709	0.07
WA77	9.00	10.00	WA7710	0.03
WA77	10.00	11.00	WA7711	0.02
WA77	11.00	12.00	WA7712	0.01
WA77	12.00	13.00	WA7713	0.01
WA77	13.00	14.00	WA7714	0.01
WA77	14.00	15.00	WA7715	0.01
WA77	15.00	16.00	WA7716	0.01
WA77	16.00	17.00	WA7717	0.21
WA77	17.00	18.00	WA7718	0.10

HOLE	FROM	TO	SAMPLE	AU(AV)
WA77	18.00	19.00	WA7719	0.37
WA77	19.00	20.00	WA7720	0.03
WA77	20.00	21.00	WA7721	0.01
WA77	21.00	22.00	WA7722	0.16
WA77	22.00	23.00	WA7723	0.03
WA77	23.00	24.00	WA7724	0.01
WA77	24.00	25.00	WA7725	0.01
WA77	25.00	26.00	WA7726	0.01
WA77	26.00	27.00	WA7727	0.02
WA77	27.00	28.00	WA7728	0.02
WA77	28.00	29.00	WA7729	0.01
WA77	29.00	30.00	WA7730	0.02
WA77	30.00	31.00	WA7731	0.02
WA77	31.00	32.00	WA7732	0.01
WA77	32.00	33.00	WA7733	0.01
WA77	33.00	34.00	WA7734	0.01
WA77	34.00	35.00	WA7735	0.01
WA77	35.00	36.00	WA7736	0.01
WA77	36.00	37.00	WA7737	0.01
WA77	37.00	38.00	WA7738	0.01
WA77	38.00	39.00	WA7739	0.01
WA77	39.00	40.00	WA7740	0.01
WA77	40.00	41.00	WA7741	0.01
WA77	41.00	42.00	WA7742	0.01
WA77	42.00	43.00	WA7743	0.02
WA77	43.00	44.00	WA7744	0.01
WA77	44.00	45.00	WA7745	0.05
WA77	45.00	46.00	WA7746	0.03
WA77	46.00	47.00	WA7747	0.02
WA77	47.00	48.00	WA7748	0.01
WA77	48.00	49.00	WA7749	0.03
WA77	49.00	50.00	WA7750	0.01
WA77	50.00	51.00	WA7751	0.02
WA77	51.00	52.00	WA7752	0.01
WA77	52.00	53.00	WA7753	0.01
WA77	53.00	54.00	WA7754	0.02
WA77	54.00	55.00	WA7755	0.01
WA77	55.00	56.00	WA7756	0.02
WA77	56.00	57.00	WA7757	0.02
WA77	57.00	58.00	WA7758	0.01
WA77	58.00	59.00	WA7759	0.02
WA77	59.00	60.00	WA7760	0.01
WA78	0.00	1.00	7801	0.27
WA78	1.00	2.00	7802	0.20
WA78	2.00	3.00	7803	0.03
WA78	3.00	4.00	7804	0.03
WA78	4.00	5.00	7805	0.02
WA78	5.00	6.00	7806	0.02
WA78	6.00	7.00	7807	0.01
WA78	7.00	8.00	7808	0.01
WA78	8.00	9.00	7809	0.04
WA78	9.00	10.00	7810	0.04
WA78	10.00	11.00	7811	0.01
WA78	11.00	12.00	7812	0.01
WA78	12.00	13.00	7813	L
WA78	13.00	14.00	7814	0.01
WA78	14.00	15.00	7815	0.01
WA78	15.00	16.00	7816	0.01
WA78	16.00	17.00	7817	0.01
WA78	17.00	18.00	7818	L
WA78	18.00	19.00	7819	0.01
WA78	19.00	20.00	7820	0.02
WA78	20.00	21.00	7821	0.01
WA78	21.00	22.00	7822	0.01
WA78	22.00	23.00	7823	0.01
WA78	23.00	24.00	7824	0.02
WA78	24.00	25.00	7825	0.01
WA78	25.00	26.00	7826	0.01
WA78	26.00	27.00	7827	0.01

HOLE	TO	TO	SAMPLE	AU(AV)
WA78	27.00	28.00	7828	0.03
WA78	28.00	29.00	7829	0.02
WA78	29.00	30.00	7830	0.01
WA78	30.00	31.00	7831	L
WA78	31.00	32.00	7832	L
WA78	32.00	33.00	7833	L
WA78	33.00	34.00	7834	0.01
WA78	34.00	35.00	7835	0.01
WA78	35.00	36.00	7836	0.01
WA78	36.00	37.00	7837	0.01
WA78	37.00	38.00	7838	L
WA78	38.00	39.00	7839	L
WA78	39.00	40.00	7840	0.01
WA78	40.00	41.00	7841	0.01
WA78	41.00	42.00	7842	L
WA78	42.00	43.00	7843	L
WA78	43.00	44.00	7844	0.01
WA78	44.00	45.00	7845	0.01
WA78	45.00	46.00	7846	L
WA78	46.00	47.00	7847	0.01
WA78	47.00	48.00	7848	0.01
WA78	48.00	49.00	7849	L
WA78	49.00	50.00	7850	0.01
WA78	50.00	51.00	7851	0.01
WA78	51.00	52.00	7852	0.01
WA78	52.00	53.00	7853	0.01
WA78	53.00	54.00	7854	0.01
WA78	54.00	55.00	7855	0.02
WA78	55.00	56.00	7856	0.02
WA78	56.00	57.00	7857	0.02
WA78	57.00	58.00	7858	0.02
WA78	58.00	59.00	7859	0.07
WA78	59.00	60.00	7860	0.19
WA79	0.00	1.00	7901	0.17
WA79	1.00	2.00	7902	0.07
WA79	2.00	3.00	7903	0.10
WA79	3.00	4.00	7904	0.05
WA79	4.00	5.00	7905	0.05
WA79	5.00	6.00	7906	0.05
WA79	6.00	7.00	7907	L
WA79	7.00	8.00	7908	0.02
WA79	8.00	9.00	7909	0.03
WA79	9.00	10.00	7910	0.05
WA79	10.00	11.00	7911	0.04
WA79	11.00	12.00	7912	0.03
WA79	12.00	13.00	7913	0.03
WA79	13.00	14.00	7914	0.05
WA79	14.00	15.00	7915	0.06
WA79	15.00	16.00	7916	0.11
WA79	16.00	17.00	7917	0.07
WA79	17.00	18.00	7918	0.02
WA79	18.00	19.00	7919	0.10
WA79	19.00	20.00	7920	0.08
WA79	20.00	21.00	7921	0.09
WA79	21.00	22.00	7922	0.03
WA79	22.00	23.00	7923	0.02
WA79	23.00	24.00	7924	0.05
WA79	24.00	25.00	7925	0.02
WA79	25.00	26.00	7926	0.03
WA79	26.00	27.00	7927	0.03
WA79	27.00	28.00	7928	L
WA79	28.00	29.00	7929	0.02
WA79	29.00	30.00	7930	L
WA79	30.00	31.00	7931	L
WA79	31.00	32.00	7932	0.01
WA79	32.00	33.00	7933	L
WA79	33.00	34.00	7934	0.03
WA79	34.00	35.00	7935	0.03
WA79	35.00	36.00	7936	L

HOLE	FROM	TO	SAMPLE	AU(AV)
WA79	36.00	37.00	7937	L
WA79	37.00	38.00	7938	L
WA79	38.00	39.00	7939	0.03
WA79	39.00	40.00	7940	0.04
WA79	40.00	41.00	7941	0.03
WA79	41.00	42.00	7942	L
WA79	42.00	43.00	7943	0.03
WA79	43.00	44.00	7944	L
WA79	44.00	45.00	7945	0.03
WA79	45.00	46.00	7946	L
WA79	46.00	47.00	7947	0.06
WA79	47.00	48.00	7948	L
WA79	48.00	49.00	7949	L
WA79	49.00	50.00	7950	0.05
WA79	50.00	51.00	7951	L
WA79	51.00	52.00	7952	0.04
WA79	52.00	53.00	7953	L
WA79	53.00	54.00	7954	0.04
WA79	54.00	55.00	7955	0.05
WA79	55.00	56.00	7956	0.05
WA79	56.00	57.00	7957	0.04
WA79	57.00	58.00	7958	0.05
WA79	58.00	59.00	7959	0.04
WA79	59.00	60.00	7960	0.06
WA79	60.00	61.00	7961	0.04
WA80	0.00	1.00	8001	3.65
WA80	1.00	2.00	8002	3.24
WA80	2.00	3.00	8003	0.41
WA80	3.00	4.00	8004	1.29
WA80	4.00	5.00	8005	0.47
WA80	5.00	6.00	8006	0.36
WA80	6.00	7.00	8007	0.05
WA80	7.00	8.00	8008	0.21
WA80	8.00	9.00	8009	0.05
WA80	9.00	10.00	8010	0.01
WA80	10.00	11.00	8011	1.12
WA80	11.00	12.00	8012	0.27
WA80	12.00	13.00	8013	0.47
WA80	13.00	14.00	8014	0.10
WA80	14.00	15.00	8015	0.06
WA80	15.00	16.00	8016	0.05
WA80	16.00	17.00	8017	0.05
WA80	17.00	18.00	8018	0.03
WA80	18.00	19.00	8019	L
WA80	19.00	20.00	8020	0.03
WA80	20.00	21.00	8021	L
WA80	21.00	22.00	8022	0.03
WA80	22.00	23.00	8023	0.04
WA80	23.00	24.00	8024	0.04
WA80	24.00	25.00	8025	L
WA80	25.00	26.00	8026	L
WA80	26.00	27.00	8027	0.03
WA80	27.00	28.00	8028	0.04
WA80	28.00	29.00	8029	0.02
WA80	29.00	30.00	8030	0.06
WA80	30.00	31.00	8031	0.05
WA80	31.00	32.00	8032	0.04
WA80	32.00	33.00	8033	0.04
WA80	33.00	34.00	8034	0.09
WA80	34.00	35.00	8035	0.07
WA80	35.00	36.00	8036	0.02
WA80	36.00	37.00	8037	L
WA80	37.00	38.00	8038	L
WA80	38.00	39.00	8039	L
WA80	39.00	40.00	8040	0.02
WA80	40.00	41.00	8041	L
WA80	41.00	42.00	8042	0.02
WA80	42.00	43.00	8043	L
WA80	43.00	44.00	8044	0.04

HOLE	TO	TO	SAMPLE	AU(AV)
WA80	44.00	45.00	8045	0.02
WA80	45.00	46.00	8046	0.05
WA80	46.00	47.00	8047	L
WA80	47.00	48.00	8048	L
WA80	48.00	49.00	8049	0.04
WA80	49.00	50.00	8050	L
WA80	50.00	51.00	8051	L
WA80	51.00	52.00	8052	L
WA80	52.00	53.00	8053	L
WA80	53.00	54.00	8054	0.04
WA80	54.00	55.00	8055	0.05
WA80	55.00	56.00	8056	0.04
WA80	56.00	57.00	8057	0.05
WA80	57.00	58.00	8058	0.04
WA80	58.00	59.00	8059	0.05
WA81	0.00	1.00	8101	0.01
WA81	1.00	2.00	8102	0.02
WA81	2.00	3.00	8103	0.04
WA81	3.00	4.00	8104	0.07
WA81	4.00	5.00	8105	0.45
WA81	5.00	6.00	8106	0.11
WA81	6.00	7.00	8107	0.94
WA81	7.00	8.00	8108	0.05
WA81	8.00	9.00	8109	0.24
WA81	9.00	10.00	8110	0.05
WA81	10.00	11.00	8111	0.04
WA81	11.00	12.00	8112	0.19
WA81	12.00	13.00	8113	0.43
WA81	13.00	14.00	8114	0.05
WA81	14.00	15.00	8115	0.09
WA81	15.00	16.00	8116	0.04
WA81	16.00	17.00	8117	0.02
WA81	17.00	18.00	8118	0.04
WA81	18.00	19.00	8119	0.02
WA81	19.00	20.00	8120	0.09
WA81	20.00	21.00	8121	0.01
WA81	21.00	22.00	8122	0.01
WA81	22.00	23.00	8123	0.03
WA81	23.00	24.00	8124	0.01
WA81	24.00	25.00	8125	0.01
WA81	25.00	26.00	8126	0.01
WA81	26.00	27.00	8127	0.09
WA81	27.00	28.00	8128	0.04
WA81	28.00	29.00	8129	0.12
WA81	29.00	30.00	8130	0.04
WA81	30.00	31.00	8131	0.01
WA81	31.00	32.00	8132	0.01
WA81	32.00	33.00	8133	0.01
WA81	33.00	34.00	8134	0.01
WA81	34.00	35.00	8135	0.01
WA81	35.00	36.00	8136	0.03
WA81	36.00	37.00	8137	0.01
WA81	37.00	38.00	8138	0.03
WA81	38.00	39.00	8139	0.02
WA81	39.00	40.00	8140	0.01
WA81	40.00	41.00	8141	0.02
WA81	41.00	42.00	8142	0.01
WA82	0.00	1.00	8201	0.02
WA82	1.00	2.00	8202	0.03
WA82	2.00	3.00	8203	0.53
WA82	3.00	4.00	8204	1.11
WA82	4.00	5.00	8205	1.43
WA82	5.00	6.00	8206	1.97
WA82	6.00	7.00	8207	0.61
WA82	7.00	8.00	8208	0.46
WA82	8.00	9.00	8209	1.29
WA82	9.00	10.00	8210	2.69
WA82	10.00	11.00	8211	1.19
WA82	11.00	12.00	8212	0.74

HOLE	FROM	TO	SAMPLE	AU(AV)
WA82	12.00	13.00	8213	0.22
WA82	13.00	14.00	8214	0.17
WA82	14.00	15.00	8215	0.52
WA82	15.00	16.00	8216	0.09
WA82	16.00	17.00	8217	0.31
WA82	17.00	18.00	8218	0.11
WA82	18.00	19.00	8219	0.03
WA82	19.00	20.00	8220	0.08
WA82	20.00	21.00	8221	0.16
WA82	21.00	22.00	8222	0.07
WA82	22.00	23.00	8223	0.30
WA82	23.00	24.00	8224	0.08
WA82	24.00	25.00	8225	0.16
WA82	25.00	26.00	8226	0.16
WA82	26.00	27.00	8227	0.23
WA82	27.00	28.00	8228	2.36
WA82	28.00	29.00	8229	0.37
WA82	29.00	30.00	8230	0.21
WA82	30.00	31.00	8231	2.04
WA82	31.00	32.00	8232	0.88
WA82	32.00	33.00	8233	0.43
WA82	33.00	34.00	8234	0.46
WA82	34.00	35.00	8235	0.45
WA82	35.00	36.00	8236	1.00
WA82	36.00	37.00	8237	0.36
WA82	37.00	38.00	8238	0.21
WA82	38.00	39.00	8239	0.15
WA82	39.00	40.00	8240	0.26
WA82	40.00	41.00	8241	0.07
WA82	41.00	42.00	8242	0.05
WA82	42.00	43.00	8243	0.06
WA82	43.00	44.00	8244	0.08
WA82	44.00	45.00	8245	0.15
WA82	45.00	46.00	8246	0.06
WA82	46.00	47.00	8247	0.23
WA82	47.00	48.00	8248	0.04
WA82	48.00	49.00	8249	L
WA82	49.00	50.00	8250	L
WA82	50.00	51.00	8251	0.03
WA82	51.00	52.00	8252	0.03
WA82	52.00	53.00	8253	0.02
WA82	53.00	54.00	8254	0.02
WA82	54.00	55.00	8255	0.02
WA82	55.00	56.00	8256	0.02
WA82	56.00	57.00	8257	0.12
WA82	57.00	58.00	8258	0.57
WA82	58.00	59.00	8259	0.12
WA82	59.00	60.00	8260	0.09
WA83	0.00	1.00	8301	0.02
WA83	1.00	2.00	8302	L
WA83	2.00	3.00	8303	0.48
WA83	3.00	4.00	8304	L
WA83	4.00	5.00	8305	0.10
WA83	5.00	6.00	8306	0.17
WA83	6.00	7.00	8307	0.10
WA83	7.00	8.00	8308	0.51
WA83	8.00	9.00	8309	0.54
WA83	9.00	10.00	8310	0.21
WA83	10.00	11.00	8311	0.15
WA83	11.00	12.00	8312	0.08
WA83	12.00	13.00	8313	0.05
WA83	13.00	14.00	8314	0.17
WA83	14.00	15.00	8315	0.26
WA83	15.00	16.00	8316	0.12
WA83	16.00	17.00	8317	0.14
WA83	17.00	18.00	8318	0.22
WA83	18.00	19.00	8319	0.02
WA83	19.00	20.00	8320	0.09
WA83	20.00	21.00	8321	0.14

HOLE	TO	TO	SAMPLE	AU(AV)
WA83	21.00	22.00	8322	0.02
WA83	22.00	23.00	8323	0.05
WA83	23.00	24.00	8324	L
WA83	24.00	25.00	8325	0.02
WA83	25.00	26.00	8326	L
WA83	26.00	27.00	8327	L
WA83	27.00	28.00	8328	0.10
WA83	28.00	29.00	8329	0.12
WA83	29.00	30.00	8330	0.17
WA83	30.00	31.00	8331	0.23
WA83	31.00	32.00	8332	0.40
WA83	32.00	33.00	8333	0.18
WA83	33.00	34.00	8334	0.79
WA83	34.00	35.00	8335	0.43
WA83	35.00	36.00	8336	6.45
WA83	36.00	37.00	8337	3.01
WA83	37.00	38.00	8338	0.81
WA83	38.00	39.00	8339	2.55
WA83	39.00	40.00	8340	0.13
WA83	40.00	41.00	8341	0.14
WA83	41.00	42.00	8342	0.38
WA83	42.00	43.00	8343	0.19
WA83	43.00	44.00	8344	0.10
WA83	44.00	45.00	8345	0.04
WA83	45.00	46.00	8346	0.21
WA83	46.00	47.00	8347	0.19
WA83	47.00	48.00	8348	0.05
WA83	48.00	49.00	8349	0.25
WA83	49.00	50.00	8350	0.04
WA83	50.00	51.00	8351	0.05
WA83	51.00	52.00	8352	1.90
WA83	52.00	53.00	8353	0.58
WA83	53.00	54.00	8354	1.54
WA83	54.00	55.00	8355	0.12
WA83	55.00	56.00	8356	0.33
WA83	56.00	57.00	8357	0.14
WA83	57.00	58.00	8358	0.05
WA83	58.00	59.00	8359	0.07
WA83	59.00	60.00	8360	0.02

HOLE	FROM	TO	SAMPLE	AU(AV)

HOLE	FROM	TO	SAMPLE	AUAV
WAD1	0.00	1.00	1	0.21
WAD1	1.00	2.00	2	1.06
WAD1	2.00	3.00	3	0.22
WAD1	3.00	4.00	4	0.16
WAD1	4.00	5.00	5	0.48
WAD1	5.00	6.00	6	0.07
WAD1	6.00	7.00	7	0.08
WAD1	7.00	8.00	8	0.30
WAD1	8.00	9.00	9	0.83
WAD1	9.00	10.00	10	0.15
WAD1	10.00	11.00	11	0.14
WAD1	11.00	12.00	12	0.22
WAD1	12.00	13.00	13	0.59
WAD1	13.00	14.00	14	0.24
WAD1	14.00	15.00	15	0.20
WAD1	15.00	16.00	16	0.40
WAD1	16.00	17.00	17	0.68
WAD1	17.00	18.00	18	0.06
WAD1	18.00	19.00	19	0.35
WAD1	19.00	20.00	20	0.07
WAD1	20.00	21.00	21	0.24
WAD1	21.00	22.00	22	0.32
WAD1	22.00	23.00	23	0.42
WAD1	23.00	24.00	24	0.42
WAD1	24.00	25.00	25	0.32
WAD1	25.00	26.00	26	1.95
WAD1	26.00	27.00	27	2.87
WAD1	27.00	28.00	28	2.55
WAD1	28.00	29.00	29	1.38
WAD1	29.00	30.00	30	0.27
WAD1	30.00	31.00	31	0.12
WAD1	31.00	32.00	32	0.09
WAD1	32.00	33.00	33	0.49
WAD1	33.00	34.00	34	1.82
WAD1	34.00	35.00	35	1.05
WAD1	35.00	36.00	36	0.23
WAD1	36.00	37.00	37	0.11
WAD1	37.00	38.00	38	0.09
WAD1	38.00	39.00	39	0.06
WAD1	39.00	40.00	40	0.12
WAD1	40.00	41.00	41	0.12
WAD1	41.00	42.00	42	0.66
WAD1	42.00	43.00	43	0.79
WAD1	43.00	44.00	44	0.81
WAD1	44.00	45.00	45	0.20
WAD1	45.00	46.00	46	0.03
WAD1	46.00	47.00	47	2.74
WAD1	47.00	48.00	48	19.50
WAD1	48.00	49.00	49	0.54
WAD1	49.00	50.00	50	0.29
WAD1	50.00	51.00	51	2.00
WAD1	51.00	52.00	52	0.39
WAD1	52.00	53.00	53	0.10
WAD1	53.00	54.00	54	L
WAD1	54.00	55.00	55	0.06
WAD1	55.00	56.00	56	L
WAD1	56.00	57.00	57	0.34
WAD1	57.00	58.00	58	0.23
WAD1	58.00	59.00	59	L
WAD1	59.00	60.00	60	L
WAD2	0.00	2.00	2	0.15
WAD2	2.00	3.00	3	0.37
WAD2	3.00	4.00	4	0.33
WAD2	4.00	5.00	5	0.11
WAD2	5.00	6.00	6	0.01
WAD2	6.00	7.00	7	0.01
WAD2	7.00	8.00	8	0.04
WAD2	8.00	9.00	9	0.29
WAD2	9.00	10.00	10	0.10
WAD2	10.00	10.30	0011A	0.43
WAD2	10.30	11.00	0011B	1.93
WAD2	11.00	12.00	12	0.72
WAD2	12.00	13.00	13	3.33
WAD2	13.00	14.00	14	0.32
WAD2	14.00	15.00	15	0.27
WAD2	15.00	16.00	16	0.17
WAD2	16.00	17.00	17	0.22
WAD2	17.00	18.00	18	0.14
WAD2	18.00	18.15	0019A	0.51
WAD2	18.15	18.60	0019B	0.34
WAD2	18.60	18.80	0019C	0.28
WAD2	18.80	19.00	0019D	0.18
WAD2	19.00	19.20	0020A	0.65
WAD2	19.20	20.00	0020B	0.64
WAD2	20.00	20.35	0021A	1.97
WAD2	20.35	21.00	0021B	0.42
WAD2	21.00	22.00	22	2.76
WAD2	22.00	22.40	0023A	0.46
WAD2	22.40	23.00	0023B	0.40
WAD2	23.00	24.00	24	0.42
WAD2	24.00	25.00	25	0.22
WAD2	25.00	26.00	26	0.33
WAD2	26.00	27.00	27	0.16
WAD2	27.00	28.00	28	0.10
WAD2	28.00	29.00	29	0.20
WAD2	29.00	30.00	30	0.73
WAD2	30.00	30.45	0031A	1.72
WAD2	30.45	31.00	0031B	0.73
WAD2	31.00	31.20	0032A	0.27
WAD2	31.20	31.45	0032B	1.03
WAD2	31.45	32.00	0032C	0.10
WAD2	32.00	33.00	33	0.25
WAD2	33.00	34.00	34	0.20
WAD2	34.00	35.00	35	0.06
WAD2	35.00	36.00	36	0.16
WAD2	36.00	37.00	37	0.36
WAD2	37.00	38.00	38	0.03
WAD2	38.00	39.00	39	0.17
WAD2	39.00	40.00	40	0.12
WAD2	40.00	41.00	41	0.07
WAD2	41.00	42.00	42	0.01
WAD2	42.00	43.00	43	0.04
WAD2	43.00	44.00	44	0.02
WAD2	44.00	45.00	45	0.09
WAD2	45.00	46.00	46	0.05
WAD2	46.00	47.00	47	0.05
WAD2	47.00	47.65	0048A	0.13
WAD2	47.65	48.00	0048B	6.38
WAD2	48.00	49.00	49	0.47
WAD2	49.00	50.00	50	0.04
WAD2	50.00	50.70	0051A	0.02
WAD2	50.70	51.00	0051B	0.01
WAD2	51.00	52.00	52	0.03
WAD2	52.00	53.00	53	L
WAD2	53.00	54.00	54	L
WAD2	54.00	55.00	55	L

HOLE	FROM	TO	SAMPLE	AUAV
WAD2	55.00	56.00	56	L
WAD2	56.00	57.00	57	0.08
WAD2	57.00	58.00	58	L
WAD2	58.00	59.00	59	L
WAD2	59.00	60.00	60	L
WAD3	0.00	1.00	1	0.12
WAD3	1.00	2.00	2	0.01
WAD3	2.00	3.00	3	0.20
WAD3	3.00	4.00	4	2.39
WAD3	4.00	4.55	005A	0.65
WAD3	4.55	5.00	005B	2.05
WAD3	5.00	6.00	6	0.98
WAD3	6.00	7.00	7	0.29
WAD3	7.00	8.00	8	0.88
WAD3	8.00	8.40	009A	0.77
WAD3	8.40	9.00	009B	0.19
WAD3	9.00	10.00	10	0.75
WAD3	10.00	10.30	011A	0.12
WAD3	10.30	11.00	011B	0.08
WAD3	11.00	12.00	12	0.14
WAD3	12.00	13.00	13	0.05
WAD3	13.00	14.00	14	0.26
WAD3	14.00	15.00	15	0.16
WAD3	15.00	16.00	16	0.21
WAD3	16.00	17.00	17	0.31
WAD3	17.00	18.00	18	0.13
WAD3	18.00	18.75	019A	0.23
WAD3	18.75	19.00	019B	0.07
WAD3	19.00	19.75	020A	0.17
WAD3	19.75	20.00	020B	0.14
WAD3	20.00	20.50	021A	0.28
WAD3	20.50	21.00	021B	0.02
WAD3	21.00	22.00	22	1.05
WAD3	22.00	23.00	23	0.08
WAD3	23.00	24.00	24	0.23
WAD3	24.00	24.70	025A	0.15
WAD3	24.70	25.00	025B	0.14
WAD3	25.00	26.00	26	0.19
WAD3	26.00	27.00	27	0.33
WAD3	27.00	28.00	28	0.14
WAD3	28.00	29.00	29	0.24
WAD3	29.00	30.00	30	0.16
WAD3	30.00	31.00	31	0.07
WAD3	31.00	31.40	032A	0.26
WAD3	31.40	32.00	032B	0.19
WAD3	32.00	33.00	33	0.29
WAD3	33.00	34.00	34	1.46
WAD3	34.00	35.00	35	2.51
WAD3	35.00	36.00	36	1.15
WAD3	36.00	36.70	037A	2.47
WAD3	36.70	37.00	037B	1.65
WAD3	37.00	38.00	38	0.44
WAD3	38.00	38.50	039A	0.48
WAD3	38.50	38.80	039B	0.50
WAD3	38.80	39.00	039C	0.27
WAD3	39.00	39.60	040A	0.43
WAD3	39.60	40.00	040B	0.16
WAD3	40.00	40.55	041A	0.28
WAD3	40.55	41.00	041B	7.35
WAD3	41.00	41.20	042A	5.31
WAD3	41.20	41.40	042B	13.80
WAD3	41.40	41.75	042C	9.25
WAD3	41.75	42.00	042D	3.24
WAD3	42.00	42.20	043A	0.80
WAD3	42.20	42.80	043B	0.17
WAD3	42.80	43.00	043C	0.18
WAD3	43.00	44.00	44	0.47
WAD3	44.00	45.00	45	0.34
WAD3	45.00	45.80	046A	0.11
WAD3	45.80	46.00	046B	0.48
WAD3	46.00	46.20	047A	0.10
WAD3	46.20	47.00	047B	0.15
WAD3	47.00	48.00	48	0.36
WAD3	48.00	49.00	49	0.55
WAD3	49.00	49.50	050A	0.21
WAD3	49.50	50.00	050B	0.02
WAD3	50.00	51.00	51	0.43
WAD3	51.00	51.80	052A	0.06
WAD3	51.80	52.00	052B	0.24
WAD3	52.00	52.40	053A	0.10
WAD3	52.40	52.80	053B	0.11
WAD3	52.80	53.00	053C	0.03
WAD3	53.00	54.00	54	0.40
WAD3	54.00	55.00	55	0.02
WAD3	55.00	55.60	056A	0.26
WAD3	55.60	55.90	056B	0.04
WAD3	55.90	56.00	056C	0.22
WAD3	56.00	56.25	057A	0.03
WAD3	56.25	57.00	057B	0.55
WAD3	57.00	57.50	058A	0.20
WAD3	57.50	58.00	058B	0.02
WAD3	58.00	58.25	059A	0.04
WAD3	58.25	58.45	059B	0.04
WAD3	58.45	59.00	059C	0.08
WAD3	59.00	59.65	060A	0.22
WAD3	59.65	60.00	060B	0.02
WAD3	60.00	60.60	061A	0.04
WAD3	60.60	61.00	061B	0.68
WAD3	61.00	62.00	62	0.21
WAD3	62.00	62.70	063A	0.11
WAD3	62.70	63.00	063B	0.78
WAD3	63.00	63.60	064A	0.15
WAD3	63.60	64.00	064B	0.21
WAD3	64.00	64.40	065A	0.10
WAD3	64.40	65.00	065B	1.82
WAD3	65.00	66.00	66	0.11
WAD3	66.00	66.40	067A	0.51
WAD3	66.40	67.00	067B	0.13
WAD3	67.00	68.00	68	0.23
WAD3	68.00	68.25	069A	0.04
WAD3	68.25	68.50	069B	0.17
WAD3	68.50	69.00	069C	0.16
WAD3	69.00	70.00	70	0.44
WAD3	70.00	71.00	71	0.13
WAD3	71.00	71.50	072A	1.74
WAD3	71.50	72.00	072B	0.16
WAD3	72.00	72.70	073A	0.49
WAD3	72.70	73.00	073B	0.11
WAD3	73.00	74.00	74	0.12
WAD3	74.00	74.50	075A	0.03
WAD3	74.50	75.00	075B	1.99
WAD3	75.00	75.40	076A	0.19
WAD3	75.40	76.00	076B	0.06
WAD3	76.00	76.30	077A	L
WAD3	76.30	77.00	077B	L
WAD3	77.00	78.00	78	L

HOLE	FROM	TO	SAMPLE	AUAV
WAD3	78.00	79.00	79	0.04
WAD3	79.00	80.00	80	L
WAD3	80.00	81.00	81	L
WAD3	81.00	82.00	82	L
WAD3	82.00	82.35	083A	L
WAD3	82.35	83.00	083B	L
WAD3	83.00	84.00	84	L
WAD3	84.00	84.30	085A	0.03
WAD3	84.30	85.00	085B	L
WAD3	85.00	86.00	86	L
WAD3	86.00	87.00	87	0.02
WAD3	87.00	87.60	088A	0.02
WAD3	87.60	88.00	088B	L
WAD3	88.00	88.40	089A	0.01
WAD3	88.40	89.00	089B	0.01
WAD3	89.00	89.55	090A	0.01
WAD3	89.55	90.00	090B	0.04
WAD3	90.00	91.00	91	0.05
WAD3	91.00	92.00	92	L
WAD3	92.00	93.00	93	0.06
WAD3	93.00	94.00	94	0.21
WAD3	94.00	94.40	095A	0.04
WAD3	94.40	95.00	095B	0.23
WAD3	95.00	95.15	096A	0.07
WAD3	95.15	95.65	096B	0.01
WAD3	95.65	96.00	096C	0.10
WAD3	96.00	97.00	97	0.04
WAD3	97.00	98.00	98	L
WAD3	98.00	98.25	099A	0.01
WAD3	98.25	99.00	099B	0.01
WAD3	99.00	99.35	100A	0.32
WAD3	99.35	100.00	100B	0.01
WAD3	100.00	101.00	101	L
WAD3	101.00	102.00	102	L
WAD3	102.00	103.00	103	L
WAD3	103.00	103.70	104A	L
WAD3	103.70	104.00	104B	L
WAD3	104.00	104.55	105	L
WAD3	104.55	105.00	105A	0.02
WAD3	105.00	106.00	106	L
WAD3	106.00	107.00	107	0.03
WAD3	107.00	108.00	108	0.03
WAD3	108.00	109.00	109	0.02
WAD3	109.00	109.70	110A	L
WAD3	109.70	110.00	110B	L
WAD3	110.00	111.00	111	0.01
WAD3	111.00	112.00	112	L
WAD3	112.00	112.80	113A	L
WAD3	112.80	113.00	113B	L
WAD3	113.00	113.40	114A	L
WAD3	113.40	114.00	114B	L
WAD3	114.00	114.30	115A	L
WAD3	114.30	115.00	115B	L
WAD3	115.00	116.00	116	L
WAD3	116.00	117.00	117	0.11
WAD3	117.00	118.00	118	0.06
WAD3	118.00	119.00	119	0.20
WAD3	119.00	119.50	120	0.35
WAD4	0.00	0.50	1A	0.74
WAD4	0.50	1.00	1B	0.74
WAD4	1.00	2.00	2	0.45
WAD4	2.00	3.00	3	0.02
WAD4	3.00	4.00	4	0.01
WAD4	4.00	5.00	5	L
WAD4	5.00	6.00	6	L
WAD4	6.00	7.00	7	0.01
WAD4	7.00	8.00	8	L
WAD4	8.00	9.00	9	L
WAD4	9.00	10.00	10	0.01
WAD4	10.00	11.00	11	0.08
WAD4	11.00	12.00	12	0.17
WAD4	12.00	13.00	13	0.01
WAD4	13.00	14.00	14	0.04
WAD4	14.00	15.00	15	0.01
WAD4	15.00	16.00	16	L
WAD4	16.00	17.00	17	0.01
WAD4	17.00	18.00	18	L
WAD4	18.00	19.00	19	0.01
WAD4	19.00	20.00	20	L
WAD4	20.00	21.00	21	L
WAD4	21.00	22.00	22	L
WAD4	22.00	23.00	23	0.05
WAD4	23.00	24.00	24	L
WAD4	24.00	25.00	25	L
WAD4	25.00	26.00	26	0.10
WAD4	26.00	27.00	27	0.02
WAD4	27.00	28.00	28	0.37
WAD4	28.00	29.00	29	0.04
WAD4	29.00	30.00	30	0.01
WAD4	30.00	31.00	31	L
WAD4	31.00	32.00	32	L
WAD4	32.00	33.00	33	L
WAD4	33.00	34.00	34	0.01
WAD4	34.00	35.00	35	0.01
WAD4	35.00	36.00	36	0.02
WAD4	36.00	37.00	37	0.01
WAD4	37.00	38.00	38	L
WAD4	38.00	39.00	39	0.01
WAD4	39.00	40.00	40	0.01
WAD4	40.00	41.00	41	L
WAD4	41.00	42.00	42	0.03
WAD4	42.00	43.00	43	0.01
WAD4	43.00	44.00	44	L
WAD4	44.00	45.00	45	0.09
WAD4	45.00	46.00	46	0.01
WAD4	46.00	47.00	47	0.04
WAD4	47.00	48.00	48	0.86
WAD4	48.00	49.00	49	0.05
WAD4	49.00	50.00	50	0.02
WAD4	50.00	51.00	51	L
WAD4	51.00	52.00	52	L
WAD4	52.00	53.00	53	0.01
WAD4	53.00	54.00	54	0.06
WAD4	54.00	55.00	55	0.02
WAD4	55.00	56.00	56	0.01
WAD4	56.00	57.00	57	0.43
WAD4	57.00	58.00	58	0.02
WAD4	58.00	59.00	59	0.01
WAD4	59.00	60.00	60	0.01
WAD4	60.00	61.00	61	0.05
WAD4	61.00	62.00	62	0.01
WAD4	62.00	63.00	63	0.01
WAD4	63.00	64.00	64	L
WAD4	64.00	65.00	65	L
WAD4	65.00	66.00	66	1.38
WAD4	66.00	67.00	67	0.09

HOLE	FROM	TO	SAMPLE	AUAV
WAD4	67.00	68.00	68	0.02
WAD4	68.00	69.00	69	0.01
WAD4	69.00	70.00	70	0.07
WAD4	70.00	71.00	71	0.06
WAD4	71.00	72.00	72	0.18
WAD4	72.00	73.00	73	0.15
WAD4	73.00	74.00	74	0.12
WAD4	74.00	75.00	75	0.03
WAD4	75.00	76.00	76	0.09
WAD4	76.00	77.00	77	0.08
WAD4	77.00	78.00	78	0.08
WAD4	78.00	79.00	79	0.22
WAD4	79.00	80.00	80	0.10
WAD4	80.00	81.00	81	0.16
WAD4	81.00	82.00	82	0.10
WAD4	82.00	83.00	83	0.15
WAD4	83.00	84.00	84	0.15
WAD4	84.00	85.00	85	0.18
WAD4	85.00	86.00	86	0.01
WAD4	86.00	87.00	87	0.10
WAD4	87.00	88.00	88	0.03
WAD4	88.00	89.00	89	0.01
WAD4	89.00	90.00	90	0.02
WAD4	90.00	91.00	91	0.18
WAD4	91.00	92.00	92	0.04
WAD4	92.00	93.00	93	0.03
WAD4	93.00	94.00	94	0.04
WAD4	94.00	95.00	95	0.01
WAD4	95.00	96.00	96	L
WAD4	96.00	97.00	97	0.03
WAD4	97.00	98.00	98	L
WAD4	98.00	99.00	99	0.06
WAD4	99.00	100.00	100	L
WAD4	100.00	101.00	101	L
WAD4	101.00	102.00	102	0.04
WAD4	102.00	103.00	103	0.06
WAD4	103.00	104.00	104	L
WAD4	104.00	105.00	105	L
WAD4	105.00	106.00	106	0.01
WAD4	106.00	107.00	107	0.02
WAD4	107.00	108.00	108	0.01
WAD4	108.00	109.00	109	L
WAD4	109.00	110.00	110	0.02
WAD4	110.00	111.00	111	0.01
WAD4	111.00	112.00	112	0.02
WAD4	112.00	113.00	113	0.08
WAD4	113.00	114.00	114	0.01
WAD4	114.00	115.00	115	0.02
WAD4	115.00	116.00	116	0.01
WAD4	116.00	117.00	117	L
WAD4	117.00	118.00	118	L
WAD4	118.00	119.00	119	0.06
WAD4	119.00	120.00	120	0.03
WAD4	120.00	121.00	121	0.07
WAD4	121.00	122.00	122	0.01
WAD4	122.00	123.00	123	0.01
WAD4	123.00	124.00	124	0.01
WAD4	124.00	125.00	125	0.03
WAD4	125.00	126.00	126	0.04
WAD4	126.00	127.00	127	0.01
WAD4	127.00	128.00	128	0.02
WAD4	128.00	129.00	129	0.03
WAD4	129.00	130.00	130	0.01
WAD4	130.00	131.00	131	0.14
WAD4	131.00	132.00	132	0.18

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BRIDGE CREEK

HOLE	FROM	TO	SAMPLE	AU(AV)
BCD6	0	1	6001	0.15
BCD6	1	2	6002	L
BCD6	2	3	6003	L
BCD6	3	4	6004	L
BCD6	4	5	6005	L
BCD6	5	6	6006	L
BCD6	6	7	6007	L
BCD6	7	8	6008	L
BCD6	8	9	6009	L
BCD6	9	10	6010	L
BCD6	10	11	6011	L
BCD6	11	12	6012	L
BCD6	12	13	6013	0.09
BCD6	13	14	6014	0.01
BCD6	14	15	6015	L
BCD6	15	16	6016	L
BCD6	16	17	6017	L
BCD6	17	18	6018	L
BCD6	18	19	6019	1.24
BCD6	19	20	6020	L
BCD6	20	21	6021	L
BCD6	21	22	6022	L
BCD6	22	23	6023	0.51
BCD6	23	24	6024	0.16
BCD6	24	25	6025	0.98
BCD6	25	26	6026	0.14
BCD6	26	27	6027	0.52
BCD6	27	28	6028	0.06
BCD6	28	29	6029	0.31
BCD6	29	30	6030	L
BCD6	30	31	6031	L
BCD6	31	32	6032	1.36
BCD6	32	33	6033	L
BCD6	33	34	6034	L
BCD6	34	35	6035	0.11
BCD6	35	36	6036	0.25
BCD6	36	37	6037	0.9
BCD6	37	38	6038	0.42
BCD6	38	39	6039	0.07
BCD6	39	40	6040	0.36
BCD6	40	41	6041	0.16
BCD6	41	42	6042	0.43
BCD6	42	42.8	6043	0.2
BCD6	42.8	43	6043 B	6.09
BCD6	43	43.3	6044	0.03
BCD6	43.3	44	6044 B	0.49
BCD6	44	45	6045	0.58
BCD6	45	46	6046	0.44
BCD6	46	47	6047	0.91
BCD6	47	48	6048	2.61
BCD6	48	49	6049	0.06
BCD6	49	50	6050	0.85
BCD6	50	51	6051	0.52
BCD6	51	52	6052	0.31
BCD6	52	53	6053	0.59
BCD6	53	54	6054	1.51
BCD6	54	55	6055	0.69
BCD6	55	56	6056	0.13
BCD6	56	57	6057	0.09
BCD6	57	58	6058	0.08
BCD6	58	59	6059	0.21
BCD6	59	60	6060	1.46
BCD6	60	60.57	6061	3.09
BCD6	60.57	60.87	6061 B	0.57
BCD6	60.87	61	6061 C	1.44
BCD6	61	61.35	6062	0.15
BCD6	61.35	61.55	6062 B	0.84
BCD6	61.55	62	6062 C	L
BCD6	62	63	6063	0.25
BCD6	63	64	6064	0.19
BCD6	64	64.5	6065	0.32
BCD6	64.5	64.8	6065 B	1.19
BCD6	64.8	65	6065 C	0.43
BCD6	65	66	6066	0.42
BCD6	66	67	6067	0.46
BCD6	67	67.3	6068	0.53
BCD6	67.3	68	6068 B	1.56
BCD6	68	69	6069	0.34
BCD6	69	69.5	6070	1.13
BCD6	69.5	70	6070 B	0.2
BCD6	70	70.5	6071	0.4
BCD6	70.5	71	6071 B	0.01
BCD6	71	72	6072	0.22
BCD6	72	72.75	6073	1.37
BCD6	72.75	73	6073 B	0.68
BCD6	73	73.4	6074	1.74
BCD6	73.4	73.75	6074 B	0.67
BCD6	73.75	74	6074 C	0.17
BCD6	74	74.5	6075	0.01
BCD6	74.5	75	6075 B	0.21
BCD6	75	76	6076	1.19
BCD6	76	77	6077	0.23
BCD6	77	78	6078	0.23
BCD6	78	79	6079	0.1
BCD6	79	79.5	6080	L
BCD6	79.5	80	6080 B	0.31
BCD6	80	80.35	6081	0.24
BCD6	80.35	81	6081 B	1.51
BCD6	81	82	6082	0.52
BCD6	82	82.2	6083	0.62
BCD6	82.2	83	6083 B	0.71
BCD6	83	84	6084	0.25
BCD6	84	85	6085	L
BCD6	85	86	6086	L
BCD6	86	87	6087	L
BCD6	87	88	6088	L
BCD6	88	89	6089	0.07
BCD6	89	90	6090	L
BCD6	90	91	6091	0.31
BCD6	91	92	6092	L
BCD6	92	93	6093	L
BCD6	93	94	6094	0.01
BCD6	94	95	6095	L
BCD6	95	96	6096	L
BCD6	96	97	6097	L
BCD6	97	97.7	6098	L
BCD6	97.7	98	6098 B	L
BCD6	98	98.5	6099	L
BCD6	98.5	99	6099 B	L
BCD6	99	100	6100	L
BCD6	100	101	6101	L
BCD7	0	1	7001	0.12
BCD7	1	2	7002	0.02
BCD7	2	3	7003	0.06
BCD7	3	4	7004	0.04
BCD7	4	5	7005	0.02
BCD7	5	6	7006	
BCD7	6	7	7007	0.02
BCD7	7	8	7008	0.08
BCD7	8	9	7009	0.18
BCD7	9	10	7010	
BCD7	10	11	7011	
BCD7	11	12	7012	0.02
BCD7	12	13	7013	
BCD7	13	14	7014	0.04
BCD7	14	15	7015	0.18
BCD7	15	16	7016	
BCD7	16	17	7017	0.02

HOLE	FROM	TO	SAMPLE	AU(AV)
BCD7	17	18	7018	
BCD7	18	19	7019	
BCD7	19	20	7020	
BCD7	20	21	7021	
BCD7	21	22	7022	
BCD7	22	23	7023	0.02
BCD7	23	24	7024	0.26
BCD7	24	25	7025	0.16
BCD7	25	26	7026	0.2
BCD7	26	27	7027	
BCD7	27	28	7028	0.18
BCD7	28	29	7029	0.06
BCD7	29	30	7030	0.14
BCD7	30	31	7031	0.24
BCD7	31	32	7032	
BCD7	32	33	7033	
BCD7	33	34	7034	0.5
BCD7	34	35	7035	0.12
BCD7	35	36	7036	0.78
BCD7	36	37	7037	0.78
BCD7	37	38	7038	0.82
BCD7	38	39	7039	0.28
BCD7	39	39.6	7040 A	0.8
BCD7	39.6	40	7040 B	1.6
BCD7	40	40.3	7041 A	0.26
BCD7	40.3	41	7041 B	0.28
BCD7	41	42	7042	0.44
BCD7	42	42.3	7043 A	2.24
BCD7	42.3	43	7043 B	1.2
BCD7	43	44	7044	0.44
BCD7	44	45	7045	0.54
BCD7	45	46	7046	3.4
BCD7	46	47	7047	4.62
BCD7	47	48	7048	1.2
BCD7	48	49	7049	4.76
BCD7	49	50	7050	1.1
BCD7	50	51	7051	1.52
BCD7	51	51.75	7052 A	4.18
BCD7	51.75	52	7052 B	2.66
BCD7	52	52.25	7053 A	2.48
BCD7	52.25	52.6	7053 B	0.8
BCD7	52.6	53	7053 C	
BCD7	53	53.6	7054 A	0.58
BCD7	53.6	53.9	7054 B	2.24
BCD7	53.9	54	7054 C	0.9
BCD7	54	54.65	7055 A	2.62
BCD7	54.65	55	7055 B	7.2
BCD7	55	55.2	7056 A	1.42
BCD7	55.2	56	7056 B	1.82
BCD7	56	57	7057	0.44
BCD7	57	58	7058	1.28
BCD7	58	59	7059	0.42
BCD7	59	59.99	7060 A	0.72
BCD7	59.55	59.9	7060 B	1.46
BCD7	59.9	60	7060 C	0.12
BCD7	60	60.45	7061 A	1.28
BCD7	60.45	60.75	7061 B	1.2
BCD7	60.75	61	7061 C	0.56
BCD7	61	62	7062	0.56
BCD7	62	62.3	7063 A	1.14
BCD7	62.3	63	7063 B	0.2
BCD7	63	64	7064	1.14
BCD7	64	65	7065	0.8
BCD7	65	66	7066	1.52
BCD7	66	66.56	7067 A	1.64
BCD7	66.56	67	7067 B	0.6
BCD7	67	68	7068	0.92
BCD7	68	69	7069	0.34
BCD7	69	70	7070	0.86

HOLE	FROM	TO	SAMPLE	AU(AV)
BCD7	70	71	7071	0.6
BCD7	71	72	7072	0.42
BCD7	72	73	7073	0.36
BCD7	73	74	7074	0.36
BCD7	74	75	7075	0.5
BCD7	75	76	7076	0.52
BCD7	76	77	7077	0.3
BCD7	77	78	7078	0.92
BCD7	78	79	7079	0.32
BCD7	79	80	7080	0.14
BCD7	80	80.3	7081 A	0.28
BCD7	80.3	80.6	7081 B	0.22
BCD7	80.6	81	7081 C	L
BCD7	81	81.35	7082 A	L
BCD7	81.35	82	7082 B	0.1
BCD7	82	83	7083	L
BCD7	83	84	7084	L
BCD7	84	85	7085	L
BCD7	85	85.4	7086 A	L
BCD7	85.4	86	7086 B	L
BCD7	86	87	7087	L
BCD7	87	88	7088	L
BCD7	88	89	7089	L
BCD7	89	90	7090	L
BCD7	90	91	7091	L
BCD7	91	92	7092	L
BCD7	92	93	7093	L
BCD7	93	94	7094	L
BCD7	94	95	7095	L
BCD7	95	96	7096	L
BCD7	96	97	7097	L
BCD7	97	98	7098	L
BCD7	98	99	7099	L
BCD7	99	100	7100	L
BCD7	100	101	7101	0.04
BCD7	101	102	7102	0.06
BCD7	102	103	7103	0.12
BCD7	103	104	7104	0.12
BCD7	104	105	7105	0.06
BCD7	105	106	7106	L
BCD7	106	107	7107	L
BCD7	107	108	7108	L
BCD7	108	109	7109	L
BCD7	109	110	7110	
BCD7	110	111	7111	
BCD7	111	112	7112	
BCD7	112	113	7113	
BCD7	113	114	7114	
BCD7	114	115	7115	
BCD7	115	116	7116	
BCD7	116	117	7117	
BCD7	117	118	7118	
BCD7	118	119	7119	
BCD7	119	120	7120	
BCD7	120	121	7121	

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP135	0	1	B13501	0.37
BCP135	1	2	B13502	0.25
BCP135	2	3	B13503	0.29
BCP135	3	4	B13504	2.99
BCP135	4	5	B13505	0.64
BCP135	5	6	B13506	0.18
BCP135	6	7	B13507	0.37
BCP135	7	8	B13508	0.19
BCP135	8	9	B13509	0.23
BCP135	9	10	B13510	3.26
BCP135	10	11	B13511	0.69
BCP135	11	12	B13512	0.17
BCP135	12	13	B13513	0.28
BCP135	13	14	B13514	1.11
BCP135	14	15	B13515	0.88
BCP135	15	16	B13516	0.08
BCP135	16	17	B13517	0.03
BCP135	17	18	B13518	0.04
BCP135	18	19	B13519	0.01
BCP135	19	20	B13520	X
BCP135	20	21	B13521	0.04
BCP135	21	22	B13522	0.03
BCP135	22	23	B13523	0.42
BCP135	23	24	B13524	0.03
BCP135	24	25	B13525	0.02
BCP135	25	26	B13526	X
BCP135	26	27	B13527	0.01
BCP135	27	28	B13528	0.02
BCP135	28	29	B13529	0.01
BCP135	29	30	B13530	0.03
BCP135	30	31	B13531	0.02
BCP135	31	32	B13532	0.06
BCP135	32	33	B13533	0.16
BCP135	33	34	B13534	0.01
BCP135	34	35	B13535	0.01
BCP135	35	36	B13536	0.03
BCP135	36	37	B13537	0.06
BCP135	37	38	B13538	0.38
BCP135	38	39	B13539	0.79
BCP135	39	40	B13540	0.01
BCP135	40	41	B13541	0.08
BCP135	41	42	B13542	0.04
BCP135	42	43	B13543	0.03
BCP135	43	44	B13544	0.03
BCP135	44	45	B13545	0.62
BCP135	45	46	B13546	0.19
BCP135	46	47	B13547	0.4
BCP135	47	48	B13548	0.15
BCP135	48	49	B13549	0.04
BCP135	49	50	B13550	0.02
BCP135	50	51	B13551	0.03
BCP135	51	52	B13552	0.02
BCP135	52	53	B13553	0.05
BCP135	53	54	B13554	0.05
BCP135	54	55	B13555	0.6
BCP135	55	56	B13556	5.28
BCP135	56	57	B13557	0.08
BCP135	57	58	B13558	0.06
BCP135	58	59	B13559	0.05
BCP135	59	60	B13560	0.09
BCP135	60	61	B13561	0.02
BCP135	61	62	B13562	0.05
BCP135	62	63	B13563	0.1
BCP135	63	64	B13564	0.08
BCP135	64	65	B13565	0.07
BCP135	65	66	B13566	0.23
BCP135	66	67	B13567	0.51
BCP135	67	68	B13568	0.18
BCP135	68	69	B13569	0.27
BCP135	69	70	B13570	0.19
BCP136	0	1	13601	0.14
BCP136	1	2	13602	0.04
BCP136	2	3	13603	0.02
BCP136	3	4	13604	0.01
BCP136	4	5	13605	0.02
BCP136	5	6	13606	X
BCP136	6	7	13607	X
BCP136	7	8	13608	0.02
BCP136	8	9	13609	0.01
BCP136	9	10	13610	0.03
BCP136	10	11	13611	0.03
BCP136	11	12	13612	0.02
BCP136	12	13	13613	0.05
BCP136	13	14	13614	0.66
BCP136	14	15	13615	3.7
BCP136	15	16	13616	0.14
BCP136	16	17	13617	0.08
BCP136	17	18	13618	0.06
BCP136	18	19	13619	0.05
BCP136	19	20	13620	0.09
BCP136	20	21	13621	0.17
BCP136	21	22	13622	0.07
BCP136	22	23	13623	0.07
BCP136	23	24	13624	0.5
BCP136	24	25	13625	0.04
BCP136	25	26	13626	0.14
BCP136	26	27	13627	0.1
BCP136	27	28	13628	0.12
BCP136	28	29	13629	0.32
BCP136	29	30	13630	0.3
BCP136	30	31	13631	2.66
BCP136	31	32	13632	1.95
BCP136	32	33	13633	2.68
BCP136	33	34	13634	0.17
BCP136	34	35	13635	2.34
BCP136	35	36	13636	3.16
BCP136	36	37	13637	0.18
BCP136	37	38	13638	0.35
BCP136	38	39	13639	0.76
BCP136	39	40	13640	1.69
BCP136	40	41	13641	0.37
BCP136	41	42	13642	0.24
BCP136	42	43	13643	0.12
BCP136	43	44	13644	0.07
BCP136	44	45	13645	0.15
BCP136	45	46	13646	0.05
BCP136	46	47	13647	1.65
BCP136	47	48	13648	0.8
BCP136	48	49	13649	0.5
BCP136	49	50	13650	0.18
BCP136	50	51	13651	0.23
BCP136	51	52	13652	0.51
BCP136	52	53	13653	3
BCP136	53	54	13654	0.44
BCP136	54	55	13655	0.44
BCP136	55	56	13656	0.65

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP136	56	57	13657	5.24
BCP136	57	58	13658	1.48
BCP136	58	59	13659	1.13
BCP136	59	60	13660	1.07
BCP136	60	61	13661	0.42
BCP136	61	62	13662	2.81
BCP136	62	63	13663	3.1
BCP136	63	64	13664	0.88
BCP136	64	65	13665	7.07
BCP136	65	66	13666	3.17
BCP136	66	67	13667	1.13
BCP136	67	68	13668	0.93
BCP136	68	69	13669	2.08
BCP136	69	70	13670	0.97
BCP136	70	71	13671	0.48
BCP136	71	72	13672	0.45
BCP136	72	73	13673	0.34
BCP136	73	74	13674	0.1
BCP136	74	75	13675	0.27
BCP136	75	76	13676	0.36
BCP136	76	77	13677	0.17
BCP136	77	78	13678	1.11
BCP136	78	79	13679	0.1
BCP136	79	80	13680	0.12
BCP136	80	81	13681	0.38
BCP136	81	82	13682	0.12
BCP136	82	83	13683	0.11
BCP136	83	84	13684	0.1
BCP136	84	85	13685	0.04
BCP136	85	86	13686	0.09
BCP136	86	87	13687	0.12
BCP136	87	88	13688	0.25
BCP136	88	89	13689	0.04
BCP136	89	90	13690	0.1
BCP136	90	91	13691	0.21
BCP136	91	92	13692	0.34
BCP136	92	93	13693	0.07
BCP136	93	94	13694	0.08
BCP136	94	95	13695	0.04
BCP136	95	96	13696	0.08
BCP136	96	97	13697	0.07
BCP136	97	98	13698	0.05
BCP136	98	99	13699	0.04
BCP136	99	100	136100	0.04
BCP137	0	1	13701	0.25
BCP137	1	2	13702	0.18
BCP137	2	3	13703	0.98
BCP137	3	4	13704	0.07
BCP137	4	5	13705	0.05
BCP137	5	6	13706	0.02
BCP137	6	7	13707	0.09
BCP137	7	8	13708	0.15
BCP137	8	9	13709	0.01
BCP137	9	10	13710	0.01
BCP137	10	11	13711	0.02
BCP137	11	12	13712	0.01
BCP137	12	13	13713	0.08
BCP137	13	14	13714	0.01
BCP137	14	15	13715	0.02
BCP137	15	16	13716	0.01
BCP137	16	17	13717	0.01
BCP137	17	18	13718	0.02
BCP137	18	19	13719	0.01
BCP137	19	20	13720	0.03
BCP137	20	21	13721	0.02
BCP137	21	22	13722	0.01
BCP137	22	23	13723	0.01
BCP137	23	24	13724	0.01
BCP137	24	25	13725	0.24
BCP137	25	26	13726	0.01
BCP137	26	27	13727	0.02
BCP137	27	28	13728	0.07
BCP137	28	29	13729	0.01
BCP137	29	30	13730	0.03
BCP137	30	31	13731	0.02
BCP137	31	32	13732	X
BCP137	32	33	13733	0.01
BCP137	33	34	13734	0.23
BCP137	34	35	13735	0.04
BCP137	35	36	13736	0.09
BCP137	36	37	13737	2.44
BCP137	37	38	13738	0.75
BCP137	38	39	13739	0.75
BCP137	39	40	13740	0.07
BCP137	40	41	13741	0.36
BCP137	41	42	13742	0.08
BCP137	42	43	13743	0.03
BCP137	43	44	13744	0.23
BCP137	44	45	13745	0.06
BCP137	45	46	13746	0.09
BCP137	46	47	13747	0.03
BCP137	47	48	13748	0.03
BCP137	48	49	13749	0.02
BCP137	49	50	13750	0.05
BCP137	50	51	13751	0.04
BCP137	51	52	13752	0.07
BCP137	52	53	13753	0.1
BCP137	53	54	13754	0.09
BCP137	54	55	13755	0.1
BCP137	55	56	13756	0.05
BCP137	56	57	13757	0.02
BCP137	57	58	13758	0.03
BCP137	58	59	13759	0.05
BCP137	59	60	13760	0.05
BCP137	60	61	13761	0.04
BCP137	61	62	13762	0.06
BCP137	62	63	13763	0.06
BCP137	63	64	13764	0.1
BCP137	64	65	13765	0.13
BCP137	65	66	13766	0.18
BCP137	66	67	13767	0.18
BCP137	67	68	13768	0.12
BCP137	68	69	13769	0.3
BCP137	69	70	13770	0.13
BCP137	70	71	13771	0.01
BCP137	71	72	13772	0.02
BCP137	72	73	13773	0.09
BCP137	73	74	13774	0.01
BCP137	74	75	13775	0.13
BCP137	75	76	13776	0.32
BCP137	76	77	13777	0.9
BCP137	77	78	13778	0.1
BCP139	0	1	13901	0.11
BCP139	1	2	13902	0.02
BCP139	2	3	13903	0.1
BCP139	3	4	13904	0.02

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP139	4	5	13905	0.02
BCP139	5	6	13906	0.26
BCP139	6	7	13907	0.08
BCP139	7	8	13908	0.03
BCP139	8	9	13909	0.02
BCP139	9	10	13910	0.07
BCP139	10	11	13911	0.03
BCP139	11	12	13912	0.03
BCP139	12	13	13913	0.02
BCP139	13	14	13914	0.52
BCP139	14	15	13915	0.02
BCP139	15	16	13916	
BCP139	16	17	13917	0.02
BCP139	17	18	13918	0.01
BCP139	18	19	13919	0.02
BCP139	19	20	13920	0.01
BCP139	20	21	13921	0.01
BCP139	21	22	13922	0.11
BCP139	22	23	13923	0.04
BCP139	23	24	13924	0.02
BCP139	24	25	13925	0.03
BCP139	25	26	13926	0.09
BCP139	26	27	13927	0.87
BCP139	27	28	13928	1.21
BCP139	28	29	13929	0.07
BCP139	29	30	13930	0.05
BCP139	30	31	13931	0.04
BCP139	31	32	13932	0.03
BCP139	32	33	13933	0.07
BCP139	33	34	13934	0.04
BCP139	34	35	13935	0.05
BCP139	35	36	13936	0.07
BCP139	36	37	13937	0.04
BCP139	37	38	13938	0.04
BCP139	38	39	13939	0.03
BCP139	39	40	13940	0.03
BCP139	40	41	13941	0.09
BCP139	41	42	13942	0.32
BCP139	42	43	13943	0.08
BCP139	43	44	13944	0.09
BCP139	44	45	13945	0.16
BCP139	45	46	13946	0.53
BCP139	46	47	13947	0.21
BCP139	47	48	13948	0.1
BCP139	48	49	13949	0.11
BCP139	49	50	13950	0.26
BCP139	50	51	13951	5.23
BCP139	51	52	13952	0.55
BCP139	52	53	13953	0.07
BCP139	53	54	13954	0.41
BCP139	54	55	13955	1.59
BCP139	55	56	13956	0.1
BCP139	56	57	13957	0.01
BCP139	57	58	13958	0.12
BCP139	58	59	13959	4.46
BCP139	59	60	13960	0.71
BCP139	60	61	13961	0.19
BCP139	61	62	13962	0.11
BCP139	62	63	13963	5.68
BCP139	63	64	13964	1.8
BCP139	64	65	13965	2.32
BCP139	65	66	13966	0.35
BCP139	66	67	13967	1.31
BCP139	67	68	13968	0.79
BCP139	68	69	13969	0.82
BCP139	69	70	13970	0.33
BCP139	70	71	13971	0.92
BCP139	71	72	13972	0.7
BCP139	72	73	13973	0.73
BCP139	73	74	13974	0.5
BCP139	74	75	13975	1.32
BCP139	75	76	13976	0.17
BCP139	76	77	13977	0.24
BCP139	77	78	13978	1.59
BCP139	78	79	13979	0.11
BCP139	79	80	13980	0.93
BCP139	80	81	13981	0.29
BCP139	81	82	13982	0.11
BCP139	82	83	13983	3.53
BCP139	83	84	13984	3.48
BCP139	84	85	13985	1.61
BCP139	85	86	13986	0.36
BCP139	86	87	13987	0.3
BCP139	87	88	13988	0.43
BCP139	88	89	13989	1.01
BCP139	89	90	13990	0.27
BCP139	90	91	13991	0.11
BCP139	91	92	13992	0.06
BCP139	92	93	13993	0.02
BCP139	93	94	13994	0.03
BCP139	94	95	13995	0.04
BCP139	95	96	13996	0.73
BCP139	96	97	13997	0.06
BCP139	97	98	13998	0.03
BCP139	98	99	13999	0.05
BCP139	99	100	139100	0.03
BCP139	100	101	139101	0.02
BCP139	101	102	139102	0.02
BCP142	0	1	14201	0.06
BCP142	1	2	14202	0.04
BCP142	2	3	14203	0.02
BCP142	3	4	14204	0.04
BCP142	4	5	14205	0.06
BCP142	5	6	14206	0.02
BCP142	6	7	14207	0.02
BCP142	7	8	14208	0.01
BCP142	8	9	14209	0.02
BCP142	9	10	14210	0.01
BCP142	10	11	14211	0.05
BCP142	11	12	14212	0.02
BCP142	12	13	14213	0.04
BCP142	13	14	14214	0.03
BCP142	14	15	14215	0.03
BCP142	15	16	14216	0.02
BCP142	16	17	14217	0.02
BCP142	17	18	14218	0.02
BCP142	18	19	14219	0.03
BCP142	19	20	14220	0.06
BCP142	20	21	14221	0.09
BCP142	21	22	14222	0.03
BCP142	22	23	14223	0.03
BCP142	23	24	14224	0.49
BCP142	24	25	14225	0.03
BCP142	25	26	14226	0.24
BCP142	26	27	14227	0.01
BCP142	27	28	14228	0.04

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP142	28	29	14229	0.01
BCP142	29	30	14230	0.01
BCP142	30	31	14231	0.02
BCP142	31	32	14232	0.04
BCP142	32	33	14233	0.04
BCP142	33	34	14234	0.49
BCP142	34	35	14235	0.08
BCP142	35	36	14236	0.03
BCP142	36	37	14237	0.02
BCP142	37	38	14238	0.02
BCP142	38	39	14239	0.11
BCP142	39	40	14240	0.03
BCP142	40	41	14241	0.05
BCP142	41	42	14242	0.03
BCP142	42	43	14243	0.03
BCP142	43	44	14244	0.06
BCP142	44	45	14245	0.04
BCP142	45	46	14246	0.04
BCP142	46	47	14247	0.04
BCP142	47	48	14248	0.05
BCP142	48	49	14249	0.06
BCP142	49	50	14250	0.1
BCP142	50	51	14251	0.2
BCP142	51	52	14252	0.3
BCP142	52	53	14253	0.08
BCP142	53	54	14254	0.04
BCP142	54	55	14255	0.01
BCP142	55	56	14256	0.02
BCP142	56	57	14257	0.03
BCP142	57	58	14258	0.01
BCP142	58	59	14259	0.03
BCP142	59	60	14260	0.06
BCP142	60	61	14261	0.22
BCP142	61	62	14262	0.05
BCP142	62	63	14263	0.01
BCP142	63	64	14264	0.36
BCP142	64	65	14265	0.03
BCP142	65	66	14266	0.16
BCP142	66	67	14267	0.02
BCP142	67	68	14268	0.05
BCP142	68	69	14269	0.14
BCP142	69	70	14270	0.01
BCP142	70	71	14271	0.03
BCP142	71	72	14272	0.04
BCP142	72	73	14273	3.71
BCP142	73	74	14274	0.61
BCP142	74	75	14275	0.29
BCP142	75	76	14276	0.32
BCP142	76	77	14277	1.02
BCP142	77	78	14278	0.56
BCP142	78	79	14279	0.36
BCP142	79	80	14280	0.2
BCP142	80	81	14281	0.2
BCP142	81	82	14282	0.67
BCP142	82	83	14283	0.27
BCP142	83	84	14284	0.1
BCP142	84	85	14285	0.24
BCP142	85	86	14286	1.1
BCP142	86	87	14287	1.08
BCP142	87	88	14288	0.67
BCP142	88	89	14289	0.13
BCP142	89	90	14290	0.12
BCP142	90	91	14291	0.16
BCP142	91	92	14292	0.06
BCP142	92	93	14293	0.05
BCP142	93	94	14294	0.08
BCP142	94	95	14295	0.28
BCP142	95	96	14296	0.37
BCP142	96	97	14297	1.47
BCP142	97	98	14298	0.1
BCP142	98	99	14299	1.34
BCP142	99	100	142100	0.06
BCP142	100	101	142101	0.06
BCP142	101	102	142102	0.04
BCP145	0	1	14501	0.19
BCP145	1	2	14502	0.09
BCP145	2	3	14503	0.1
BCP145	3	4	14504	0.04
BCP145	4	5	14505	0.03
BCP145	5	6	14506	X
BCP145	6	7	14507	0.02
BCP145	7	8	14508	0.03
BCP145	8	9	14509	0.02
BCP145	9	10	14510	0.03
BCP145	10	11	14511	0.01
BCP145	11	12	14512	0.04
BCP145	12	13	14513	0.01
BCP145	13	14	14514	0.01
BCP145	14	15	14515	0.03
BCP145	15	16	14516	0.02
BCP145	16	17	14517	0.02
BCP145	17	18	14518	0.02
BCP145	18	19	14519	0.01
BCP145	19	20	14520	0.01
BCP145	20	21	14521	0.01
BCP145	21	22	14522	0.02
BCP145	22	23	14523	0.02
BCP145	23	24	14524	X
BCP145	24	25	14525	L
BCP145	25	26	14526	0.04
BCP145	26	27	14527	0.02
BCP145	27	28	14528	0.01
BCP145	28	29	14529	0.05
BCP145	29	30	14530	0.02
BCP145	30	31	14531	0.03
BCP145	31	32	14532	0.05
BCP145	32	33	14533	0.09
BCP145	33	34	14534	0.09
BCP145	34	35	14535	0.02
BCP145	35	36	14536	0.05
BCP145	36	37	14537	4.49
BCP145	37	38	14538	0.12
BCP145	38	39	14539	0.26
BCP145	39	40	14540	0.28
BCP145	40	41	14541	0.2
BCP145	41	42	14542	0.17
BCP145	42	43	14543	0.21
BCP145	43	44	14544	0.05
BCP145	44	45	14545	0.08
BCP145	45	46	14546	0.07
BCP145	46	47	14547	0.13
BCP145	47	48	14548	0.08
BCP145	48	49	14549	0.09
BCP145	49	50	14550	0.1
BCP145	50	51	14551	0.1
BCP145	51	52	14552	0.22

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP145	52	53	14553	0.14
BCP145	53	54	14554	0.28
BCP145	54	55	14555	0.28
BCP145	55	56	14556	0.15
BCP145	56	57	14557	0.13
BCP145	57	58	14558	0.13
BCP145	58	59	14559	0.09
BCP145	59	60	14560	0.09
BCP145	60	61	14561	0.16
BCP145	61	62	14562	0.06
BCP145	62	63	14563	0.08
BCP145	63	64	14564	0.08
BCP145	64	65	14565	0.06
BCP145	65	66	14566	0.1
BCP145	66	67	14567	0.02
BCP145	67	68	14568	0.01
BCP145	68	69	14569	0.02
BCP145	69	70	14570	0.02
BCP145	70	71	14571	0.01
BCP145	71	72	14572	0.01
BCP145	72	73	14573	0.01
BCP145	73	74	14574	0.02
BCP145	74	75	14575	0.02
BCP145	75	76	14576	0.01
BCP145	76	77	14577	X
BCP145	77	78	14578	0.05
BCP145	78	79	14579	0.05
BCP145	79	80	14580	0.01
BCP145	80	81	14581	0.02
BCP145	81	82	14582	0.02
BCP145	82	83	14583	0.03
BCP145	83	84	14584	0.06
BCP145	84	85	14585	0.06
BCP145	85	86	14586	0.02
BCP145	86	87	14587	0.05
BCP145	87	88	14588	0.03
BCP145	88	89	14589	0.03
BCP145	89	90	14590	0.13
BCP145	90	91	14591	0.19
BCP145	91	92	14592	0.43
BCP145	92	93	14593	0.31
BCP145	93	94	14594	2.93
BCP145	94	95	14595	0.58
BCP145	95	96	14596	0.66
BCP145	96	97	14597	0.31
BCP145	97	98	14598	0.44
BCP145	98	99	14599	0.46
BCP145	99	100	145100	0.39
BCP145	100	101	145101	0.29
BCP145	101	102	145102	3.98
BCP146	0	1	B14601	0.22
BCP146	1	2	B14602	0.52
BCP146	2	3	B14603	0.34
BCP146	3	4	B14604	0.03
BCP146	4	5	B14605	0.08
BCP146	5	6	B14606	2.75
BCP146	6	7	B14607	0.01
BCP146	7	8	B14608	0.01
BCP146	8	9	B14609	0.12
BCP146	9	10	B14610	0.01
BCP146	10	11	B14611	0.01
BCP146	11	12	B14612	0.02
BCP146	12	13	B14613	0.06
BCP146	13	14	B14614	0.06
BCP146	14	15	B14615	0.05
BCP146	15	16	B14616	0.2
BCP146	16	17	B14617	0.03
BCP146	17	18	B14618	L
BCP146	18	19	B14619	0.01
BCP146	19	20	B14620	0.01
BCP146	20	21	B14621	0.02
BCP146	21	22	B14622	0.02
BCP146	22	23	B14623	0.07
BCP146	23	24	B14624	0.02
BCP146	24	25	B14625	0.04
BCP147	0	1	14701	0.55
BCP147	1	2	14702	0.12
BCP147	2	3	14703	0.06
BCP147	3	4	14704	0.09
BCP147	4	5	14705	0.09
BCP147	5	6	14706	0.11
BCP147	6	7	14707	0.12
BCP147	7	8	14708	0.06
BCP147	8	9	14709	0.04
BCP147	9	10	14710	0.33
BCP147	10	11	14711	0.17
BCP147	11	12	14712	0.11
BCP147	12	13	14713	0.02
BCP147	13	14	14714	0.03
BCP147	14	15	14715	0.05
BCP147	15	16	14716	0.01
BCP147	16	17	14717	0.09
BCP147	17	18	14718	0.05
BCP147	18	19	14719	X
BCP147	19	20	14720	0.01
BCP147	20	21	14721	X
BCP147	21	22	14722	0.01
BCP147	22	23	14723	0.02
BCP147	23	24	14724	X
BCP147	24	25	14725	0.05
BCP147	25	26	14726	0.1
BCP147	26	27	14727	0.03
BCP147	27	28	14728	0.32
BCP147	28	29	14729	0.09
BCP147	29	30	14730	0.03
BCP147	30	31	14731	0.01
BCP147	31	32	14732	0.74
BCP147	32	33	14733	0.03
BCP147	33	34	14734	0.01
BCP147	34	35	14735	0.01
BCP147	35	36	14736	0.02
BCP147	36	37	14737	0.37
BCP147	37	38	14738	0.85
BCP147	38	39	14739	1.35
BCP147	39	40	14740	0.22
BCP147	40	41	14741	1.5
BCP147	41	42	14742	0.08
BCP147	42	43	14743	0.14
BCP147	43	44	14744	0.15
BCP147	44	45	14745	0.08
BCP147	45	46	14746	0.37
BCP147	46	47	14747	0.08
BCP147	47	48	14748	0.07
BCP147	48	49	14749	0.07
BCP147	49	50	14750	0.07
BCP147	50	51	14751	0.11

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP147	51	52	14752	X
BCP147	52	53	14753	0.48
BCP147	53	54	14754	0.09
BCP147	54	55	14755	0.05
BCP147	55	56	14756	0.07
BCP147	56	57	14757	0.12
BCP147	57	58	14758	0.08
BCP147	58	59	14759	0.08
BCP147	59	60	14760	0.09
BCP147	60	61	14761	0.04
BCP147	61	62	14762	0.06
BCP147	62	63	14763	0.26
BCP147	63	64	14764	0.36
BCP147	64	65	14765	0.08
BCP147	65	66	14766	0.03
BCP147	66	67	14767	0.05
BCP147	67	68	14768	0.13
BCP147	68	69	14769	0.03
BCP147	69	70	14770	0.02
BCP147	70	71	14771	0.19
BCP147	71	72	14772	0.19
BCP148	0	1	14801	0.07
BCP148	1	2	14802	0.06
BCP148	2	3	14803	0.08
BCP148	3	4	14804	0.12
BCP148	4	5	14805	0.04
BCP148	5	6	14806	0.04
BCP148	6	7	14807	0.27
BCP148	7	8	14808	0.56
BCP148	8	9	14809	0.06
BCP148	9	10	14810	0.03
BCP148	10	11	14811	0.06
BCP148	11	12	14812	0.02
BCP148	12	13	14813	0.01
BCP148	13	14	14814	0.03
BCP148	14	15	14815	0.03
BCP148	15	16	14816	0.01
BCP148	16	17	14817	0.01
BCP148	17	18	14818	0.02
BCP148	18	19	14819	0.01
BCP148	19	20	14820	0.02
BCP148	20	21	14821	0.02
BCP148	21	22	14822	0.07
BCP148	22	23	14823	0.19
BCP148	23	24	14824	0.02
BCP148	24	25	14825	0.01
BCP148	25	26	14826	0.04
BCP148	26	27	14827	0.02
BCP148	27	28	14828	0.02
BCP148	28	29	14829	0.02
BCP148	29	30	14830	0.02
BCP148	30	31	14831	0.04
BCP148	31	32	14832	0.06
BCP148	32	33	14833	0.02
BCP148	33	34	14834	0.04
BCP148	34	35	14835	0.03
BCP148	35	36	14836	0.06
BCP148	36	37	14837	0.07
BCP148	37	38	14838	0.11
BCP148	38	39	14839	0.62
BCP148	39	40	14840	0.24
BCP148	40	41	14841	0.54
BCP148	41	42	14842	1.52

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP148	42	43	14843	0.19
BCP148	43	44	14844	0.2
BCP148	44	45	14845	0.19
BCP148	45	46	14846	0.1
BCP148	46	47	14847	0.08
BCP148	47	48	14848	0.05
BCP148	48	49	14849	0.28
BCP148	49	50	14850	0.49
BCP148	50	51	14851	0.12
BCP148	51	52	14852	0.07
BCP148	52	53	14853	0.14
BCP148	53	54	14854	0.12
BCP148	54	55	14855	0.08
BCP148	55	56	14856	0.08
BCP148	56	57	14857	0.24
BCP148	57	58	14858	0.09
BCP148	58	59	14859	0.09
BCP148	59	60	14860	0.09
BCP148	60	61	14861	0.08
BCP148	61	62	14862	0.1
BCP148	62	63	14863	0.09
BCP148	63	64	14864	0.11
BCP148	64	65	14865	0.16
BCP148	65	66	14866	0.1
BCP148	66	67	14867	0.15
BCP148	67	68	14868	0.13
BCP148	68	69	14869	0.09
BCP148	69	70	14870	0.07
BCP148	70	71	14871	0.02
BCP148	71	72	14872	0.08
BCP148	72	73	14873	0.08
BCP148	73	74	14874	0.06
BCP148	74	75	14875	0.03
BCP148	75	76	14876	0.02
BCP148	76	77	14877	0.1
BCP148	77	78	14878	0.19
BCP148	78	79	14879	0.04
BCP148	79	80	14880	0.02
BCP148	80	81	14881	0.08
BCP148	81	82	14882	0.05
BCP148	82	83	14883	0.03
BCP148	83	84	14884	0.02
BCP148	84	85	14885	0.04
BCP148	85	86	14886	0.06
BCP148	86	87	14887	0.42
BCP148	87	88	14888	0.13
BCP148	88	89	14889	0.06
BCP148	89	90	14890	1.29
BCP148	90	91	14891	0.16
BCP148	91	92	14892	0.08
BCP148	92	93	14893	0.07
BCP148	93	94	14894	0.25
BCP148	94	95	14895	0.03
BCP148	95	96	14896	0.07
BCP148	96	97	14897	0.53
BCP148	97	98	14898	0.17
BCP148	98	99	14899	0.11
BCP148	99	100	148100	0.11
BCP148	100	101	148101	0.68
BCP148	101	102	148102	0.25
BCP150	0	1	15001	0.05
BCP150	1	2	15002	0.04
BCP150	2	3	15003	0.05

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP150	3	4	15004	0.04
BCP150	4	5	15005	0.04
BCP150	5	6	15006	0.01
BCP150	6	7	15007	0.02
BCP150	7	8	15008	0.05
BCP150	8	9	15009	0.02
BCP150	9	10	15010	0.01
BCP150	10	11	15011	0.02
BCP150	11	12	15012	0.03
BCP150	12	13	15013	0.01
BCP150	13	14	15014	0.01
BCP150	14	15	15015	0.04
BCP150	15	16	15016	0.02
BCP150	16	17	15017	0.02
BCP150	17	18	15018	0.01
BCP150	18	19	15019	X
BCP150	19	20	15020	0.01
BCP150	20	21	15021	X
BCP150	21	22	15022	0.02
BCP150	22	23	15023	0.01
BCP150	23	24	15024	0.03
BCP150	24	25	15025	0.01
BCP150	25	26	15026	1.36
BCP150	26	27	15027	3.73
BCP150	27	28	15028	0.29
BCP150	28	29	15029	0.19
BCP150	29	30	15030	0.09
BCP150	30	31	15031	0.18
BCP150	31	32	15032	0.58
BCP150	32	33	15033	0.2
BCP150	33	34	15034	0.07
BCP150	34	35	15035	0.73
BCP150	35	36	15036	0.56
BCP150	36	37	15037	0.24
BCP150	37	38	15038	0.36
BCP150	38	39	15039	0.38
BCP150	39	40	15040	0.31
BCP150	40	41	15041	0.06
BCP150	41	42	15042	0.24
BCP150	42	43	15043	0.6
BCP150	43	44	15044	0.21
BCP150	44	45	15045	0.2
BCP150	45	46	15046	0.43
BCP150	46	47	15047	0.38
BCP150	47	48	15048	0.1
BCP150	48	49	15049	0.27
BCP150	49	50	15050	0.19
BCP150	50	51	15051	0.16
BCP150	51	52	15052	0.45
BCP150	52	53	15053	0.48
BCP150	53	54	15054	0.14
BCP150	54	55	15055	0.21
BCP150	55	56	15056	0.34
BCP150	56	57	15057	0.42
BCP150	57	58	15058	0.24
BCP150	58	59	15059	0.04
BCP150	59	60	15060	0.14
BCP150	60	61	15061	0.05
BCP150	61	62	15062	0.06
BCP150	62	63	15063	0.11
BCP150	63	64	15064	0.18
BCP150	64	65	15065	0.11
BCP150	65	66	15066	0.05

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP150	66	67	15067	0.04
BCP150	67	68	15068	0.11
BCP150	68	69	15069	0.11
BCP150	69	70	15070	0.58
BCP150	70	71	15071	0.07
BCP150	71	72	15072	0.27
BCP150	72	73	15073	0.51
BCP150	73	74	15074	0.31
BCP150	74	75	15075	0.56
BCP150	75	76	15076	0.17
BCP150	76	77	15077	0.13
BCP150	77	78	15078	0.08
BCP151	0	18		
BCP151	18	19	15119	X
BCP151	19	20	15120	0.01
BCP151	20	21	15121	0.02
BCP151	21	22	15122	0.02
BCP151	22	23	15123	0.03
BCP151	23	24	15124	0.01
BCP151	24	25	15125	X
BCP151	25	26	15126	0.02
BCP151	26	27	15127	0.05
BCP151	27	28	15128	0.03
BCP151	28	29	15129	0.03
BCP151	29	30	15130	0.02
BCP151	30	31	15131	0.01
BCP151	31	32	15132	0.02
BCP151	32	33	15133	0.01
BCP151	33	34	15134	0.06
BCP151	34	35	15135	0.15
BCP151	35	36	15136	0.06
BCP151	36	37	15137	0.01
BCP151	37	38	15138	0.02
BCP151	38	39	15139	0.02
BCP151	39	40	15140	0.13
BCP151	40	41	15141	0.11
BCP151	41	42	15142	0.05
BCP151	42	43	15143	0.02
BCP151	43	44	15144	0.01
BCP151	44	45	15145	0.01
BCP151	45	46	15146	X
BCP151	46	47	15147	X
BCP151	47	48	15148	X
BCP151	48	49	15149	X
BCP151	49	50	15150	0.01
BCP151	50	51	15151	0.02
BCP151	51	52	15152	X
BCP151	52	53	15153	X
BCP151	53	54	15154	L
BCP151	54	55	15155	0.01
BCP151	55	56	15156	0.01
BCP151	56	57	15157	0.01
BCP151	57	58	15158	0.01
BCP151	58	59	15159	0.01
BCP151	59	60	15160	0.01
BCP151	60	61	15161	0.02
BCP151	61	62	15162	0.2
BCP151	62	63	15163	0.11
BCP151	63	64	15164	0.04
BCP151	64	65	15165	0.04
BCP151	65	66	15166	0.02
BCP151	66	67	15167	0.05
BCP151	67	68	15168	0.08

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP151	68	69	15169	0.6
BCP151	69	70	15170	0.16
BCP151	70	71	15171	0.1
BCP151	71	72	15172	0.8
BCP151	72	73	15173	2.32
BCP151	73	74	15174	0.38
BCP151	74	75	15175	0.11
BCP151	75	76	15176	0.22
BCP151	76	77	15177	2.13
BCP151	77	78	15178	0.25
BCP151	78	79	15179	0.27
BCP151	79	80	15180	0.11
BCP151	80	81	15181	0.07
BCP151	81	82	15182	0.19
BCP151	82	83	15183	0.07
BCP151	83	84	15184	0.19
BCP151	84	85	15185	0.03
BCP151	85	86	15186	0.09
BCP151	86	87	15187	0.24
BCP151	87	88	15188	0.07
BCP151	88	89	15189	0.03
BCP151	89	90	15190	0.03
BCP151	90	91	15191	0.02
BCP154	0	1	15401	0.04
BCP154	1	2	15402	0.05
BCP154	2	3	15403	0.07
BCP154	3	4	15404	0.09
BCP154	4	5	15405	0.03
BCP154	5	6	15406	0.06
BCP154	6	7	15407	0.04
BCP154	7	8	15408	0.03
BCP154	8	9	15409	0.25
BCP154	9	10	15410	5.79
BCP154	10	11	15411	0.31
BCP154	11	12	15412	0.15
BCP154	12	13	15413	1.75
BCP154	13	14	15414	0.75
BCP154	14	15	15415	0.47
BCP154	15	16	15416	0.12
BCP154	16	17	15417	0.02
BCP154	17	18	15418	0.02
BCP154	18	19	15419	0.02
BCP154	19	20	15420	0.13
BCP154	20	21	15421	0.03
BCP154	21	22	15422	0.02
BCP154	22	23	15423	0.03
BCP154	23	24	15424	0.1
BCP154	24	25	15425	0.04
BCP154	25	26	15426	0.03
BCP154	26	27	15427	0.01
BCP154	27	28	15428	0.01
BCP154	28	29	15429	0.01
BCP154	29	30	15430	0.01
BCP154	30	31	15431	0.01
BCP154	31	32	15432	0.01
BCP154	32	33	15433	0.01
BCP154	33	34	15434	0.01
BCP154	34	35	15435	0.01
BCP154	35	36	15436	0.02
BCP154	36	37	15437	0.07
BCP154	37	38	15438	0.07
BCP154	38	39	15439	0.05
BCP154	39	40	15440	1.5

HOLE	FROM	TO	SAMPLE	AU(AV)
BCP154	40	41	15441	0.13
BCP154	41	42	15442	0.12
BCP154	42	43	15443	0.06
BCP154	43	44	15444	0.1
BCP154	44	45	15445	0.14
BCP154	45	46	15446	1.23
BCP154	46	47	15447	1.29
BCP154	47	48	15448	2.01
BCP154	48	49	15449	0.07
BCP154	49	50	15450	0.05
BCP154	50	51	15451	0.08
BCP154	51	52	15452	0.04
BCP154	52	53	15453	0.03
BCP154	53	54	15454	0.01
BCP154	54	55	15455	0.02
BCP154	55	56	15456	0.03
BCP154	56	57	15457	0.03
BCP154	57	58	15458	0.04
BCP154	58	59	15459	0.05
BCP154	59	60	15460	0.02
BCP154	60	61	15461	0.03
BCP154	61	62	15462	0.02
BCP154	62	63	15463	0.02
BCP154	63	64	15464	0.03
BCP154	64	65	15465	0.07
BCP154	65	66	15466	0.07
BCP154	66	67	15467	0.38
BCP154	67	68	15468	0.04
BCP154	68	69	15469	0.31
BCP154	69	70	15470	0.09
BCP154	70	71	15471	0.04
BCP154	71	72	15472	0.07
BCP154	72	73	15473	0.07
BCP154	73	74	15474	1.52
BCP154	74	75	15475	0.07
BCP154	75	76	15476	0.08
BCP154	76	77	15477	0.01
BCP154	77	78	15478	0.02
BCP154	78	79	15479	0.04
BCP151A	0	1	15101A	0.06
BCP151A	1	2	15102A	0.08
BCP151A	2	3	15103A	0.05
BCP151A	3	4	15104A	0.06
BCP151A	4	5	15105A	0.02
BCP151A	5	6	15106A	0.02
BCP151A	6	7	15107A	0.02
BCP151A	7	8	15108A	0.04
BCP151A	8	9	15109A	0.11
BCP151A	9	10	15110A	0.08
BCP151A	10	11	15111A	0.2
BCP151A	11	12	15112A	0.17
BCP151A	12	13	15113A	0.03
BCP151A	13	14	15114A	0.02
BCP151A	14	15	15115A	0.05
BCP151A	15	16	15116A	0.02
BCP151A	16	17	15117A	0.02
BCP151A	17	18	15118A	X
BCP151A	18	19	15119A	0.1
BCP151A	19	20	15120A	0.01
BCP151A	20	21	15121A	0.03
BCP151A	21	22	15122A	0.01
BCP151A	22	23	15123A	0.02
BCP151A	23	24	15124A	0.16

HOLE	FROM	TO	SAMPLE	AU(AV)	HOLE	FROM	TO	SAMPLE	AU(AV)
BCP151A	24	25	15125A	0.04					
BCP151A	25	26	15126A	0.03					
BCP151A	26	27	15127A	0.02					
BCP151A	27	28	15128A	0.14					
BCP151A	28	29	15129A	0.02					

HOLE NO	FROM	TO	SAMPLE	AUAV	AUSPLIT
WA59	18	19	5919	0.84	0.83
WA59	32	33	5933	0.81	0.53
WA59	55	56	5956	2.09	1.74
WA60	22	23	6023	1.97	0.05
WA60	24	25	6025	7.82	12.15
WA60	36	37	6037	0.54	0.60
WA61	9	10	6110	0.47	0.51
WA61	52	53	6153	0.46	0.01
WA62	0	1	6201	1.10	1.23
WA62	1	2	6202	0.96	0.33
WA62	2	3	6203	0.21	0.27
WA62	3	4	6204	0.08	0.09
WA62	4	5	6205	0.06	0.07
WA62	5	6	6206	0.17	0.21
WA62	6	7	6207	0.14	0.14
WA62	7	8	6208	0.11	0.08
WA62	8	9	6209	0.11	0.15
WA62	9	10	6210	0.25	0.29
WA62	10	11	6211	3.72	0.64
WA62	11	12	6212	0.08	0.11
WA62	12	13	6213	0.11	0.13
WA62	13	14	6214	0.23	0.25
WA62	14	15	6215	0.09	0.12
WA62	15	16	6216	1.35	0.12
WA62	16	17	6217	0.08	0.09
WA62	17	18	6218	0.11	0.07
WA62	18	19	6219	0.35	0.37
WA62	19	20	6220	0.25	0.19
WA62	20	21	6221	0.22	0.25
WA62	21	22	6222	0.12	0.14
WA62	22	23	6223	0.23	0.23
WA62	23	24	6224	2.11	1.48
WA62	24	25	6225	0.62	0.75
WA62	25	26	6226	0.70	0.67
WA62	26	27	6227	1.67	1.09
WA62	27	28	6228	0.41	0.54
WA62	28	29	6229	0.95	1.26
WA62	29	30	6230	2.05	1.74
WA62	30	31	6231	0.48	0.61
WA62	31	32	6232	0.47	0.49
WA62	32	33	6233	0.28	0.28
WA62	33	34	6234	0.31	0.25
WA62	34	35	6235	0.58	0.73
WA62	35	36	6236	1.08	1.96
WA62	36	37	6237	2.14	2.19
WA62	37	38	6238	0.34	0.34
WA62	38	39	6239	0.43	0.58
WA62	39	40	6240	0.32	0.45
WA62	40	41	6241	0.36	0.32
WA62	41	42	6242	1.87	0.54
WA62	42	43	6243	0.34	0.36
WA62	43	44	6244	0.35	0.37
WA62	44	45	6245	0.41	0.63
WA62	45	46	6246	0.35	0.24
WA62	46	47	6247	0.42	0.51
WA62	47	48	6248	0.27	0.34
WA62	48	49	6249	0.86	1.33
WA62	49	50	6250	0.54	0.60
WA62	50	51	6251	0.66	0.50
WA62	51	52	6252	0.45	0.52

HOLE NO	FROM	TO	SAMPLE	AUAV	AUSPLIT
WA62	52	53	6253	1.27	1.39
WA62	53	54	6254	0.43	0.55
WA62	54	55	6255	0.30	0.33
WA62	55	56	6256	1.65	1.96
WA62	56	57	6257	0.52	0.47
WA62	57	58	6258	0.35	0.30
WA62	58	59	6259	0.45	0.52
WA62	59	60	6260	0.43	0.47
WA63	3	4	6304	6.80	8.70
WA63	13	14	6314	0.47	0.50
WA63	21	22	6322	0.73	1.54
WA64	19	20	6420	0.20	0.02
WA64	20	21	6421	0.29	0.17
WA65	4	5	6505	0.82	0.59
WA65	17	18	6518	6.20	1.43
WA65	37	38	6538	1.52	1.29
WA65	38	39	6539	1.29	0.12
WA65	55	56	6556	4.03	4.94
WA65	56	57	6557	0.36	0.14
WA66	8	9	6609	0.71	0.46
WA66	22	23	6623	1.76	2.07
WA66	29	30	6630	1.91	0.20
WA66	33	34	6634	4.43	3.88
WA66	34	35	6635	2.70	4.10
WA66	46	47	6647	1.19	0.10
WA67	5	6	6706	0.94	0.83
WA67	15	16	6716	0.95	0.92
WA67	17	18	6718	0.86	1.29
WA68	34	35	6835	1.52	1.76
WA68	39	40	6840	0.40	0.22
WA68	43	44	6844	1.07	0.65
WA69	4	5	6905	1.65	1.82
WA69	22	23	6923	6.37	6.10
WA69	36	37	6937	0.44	0.32
WA70	32	33	WA7033	0.24	0.27
WA70	33	34	WA7034	0.74	0.81
WA70	34	35	WA7035	0.97	0.95
WA70	35	36	WA7036	0.62	0.67
WA70	36	37	WA7037	0.65	0.67
WA70	37	38	WA7038	0.30	0.44
WA70	38	39	WA7039	3.41	2.74
WA70	39	40	WA7040	0.48	0.09
WA70	40	41	WA7041	0.08	0.12
WA70	41	42	WA7042	0.22	0.29
WA70	42	43	WA7043	0.35	0.56
WA70	43	44	WA7044	0.15	0.20
WA70	44	45	WA7045	0.11	0.15
WA70	45	46	WA7046	0.16	0.12
WA70	46	47	WA7047	1.63	2.07
WA70	47	48	WA7048	0.50	0.64
WA70	48	49	WA7049	0.52	0.53
WA70	49	50	WA7050	1.59	1.38
WA71	19	20	WA7120	0.39	0.15
WA71	20	21	WA7121	0.21	0.21
WA71	21	22	WA7122	0.87	0.88
WA71	22	23	WA7123	0.64	0.51
WA71	23	24	WA7124	0.15	0.15
WA71	24	25	WA7125	0.41	0.34
WA71	25	26	WA7126	0.98	0.69
WA71	26	27	WA7127	1.46	1.54

HOLE NO	FROM	TO	SAMPLE	AUAV	AUSPLIT
WA71	27	28	WA7128	0.64	0.67
WA71	28	29	WA7129	0.96	1.16
WA71	29	30	WA7130	0.53	0.61
WA71	30	31	WA7131	0.20	0.23
WA72	21	22	WA7222	0.01	0.01
WA72	28	29	WA7229	0.02	0.02
WA73	7	8	WA7308	0.69	0.66
WA73	12	13	WA7313	2.61	1.61
WA73	35	36	WA7336	0.38	0.30
WA74	28	29	WA7429	1.08	0.89
WA74	29	30	WA7430	0.35	0.84
WA74	30	31	WA7431	0.55	0.46
WA74	31	32	WA7432	0.30	0.30
WA74	32	33	WA7433	0.42	0.48
WA74	33	34	WA7434	0.13	0.14
WA74	34	35	WA7435	1.55	1.52
WA74	35	36	WA7436	0.26	0.29
WA74	36	37	WA7437	0.35	0.41
WA74	59	60	WA7460	0.18	0.18
WA75	11	12	WA7512	0.59	0.54
WA75	25	26	WA7526	9.49	8.18
WA75	40	41	WA7541	0.20	0.21
WA76	9	10	WA7610	0.14	0.13
WA76	20	21	WA7621	0.66	0.62
WA76	23	24	WA7624	0.11	0.11
WA76	31	32	WA7632	1.17	1.70
WA77	0	1	WA7701	0.01	0.01
WA77	18	19	WA7719	0.37	0.30
WA77	22	23	WA7723	0.03	0.03
WA77	55	56	WA7756	0.02	0.02
WA79	42	43	7943	0.03	0.02
WA80	3	4	8004	1.29	0.99
WA80	5	6	8006	0.36	0.30
WA80	10	11	8011	1.12	0.12
WA80	19	20	8020	0.03	0.03
WA80	45	46	8046	0.05	0.06
WA81	22	23	8123	0.03	0.03
WA81	40	41	8141	0.02	0.03
WA82	5	6	8206	1.97	1.78
WA82	9	10	8210	2.69	3.31
WA82	30	31	8231	2.04	1.30
WA82	34	35	8235	0.45	0.45
WA82	55	56	8256	0.02	0.02
WA83	8	9	8309	0.54	0.36
WA83	14	15	8315	0.26	0.26
WA83	35	36	8336	6.45	9.73
WA83	53	54	8354	1.54	0.12

MC 377-80

HOWLEY RIDGE

HOLE NUMBER	FROM	TO	Au (ppm)
HRD1	0	1	0.09
HRD1	1	2	0.07
HRD1	2	3	0.01
HRD1	3	4	0.01
HRD1	4	5	L
HRD1	5	6	L
HRD1	6	7	L
HRD1	7	8	0.04
HRD1	8	9	0.05
HRD1	9	10	1.61
HRD1	10	11	0.33
HRD1	11	12	0.45
HRD1	12	13	L
HRD1	13	14	0.02
HRD1	14	15	0.09
HRD1	15	16	1.54
HRD1	16	17	9.05
HRD1	17	18	2.01
HRD1	18	19	0.58
HRD1	19	20	0.66
HRD1	20	21	0.12
HRD1	21	22	0.08
HRD1	22	23	0.53
HRD1	23	24	L
HRD1	24	25	L
HRD1	25	26	0.13
HRD1	26	27	0.08
HRD2	0	1	0.58
HRD2	1	2	L
HRD2	2	3	0.01
HRD2	3	4	L
HRD2	4	5	0.23
HRD2	5	6	0.1
HRD2	6	7	0.3
HRD2	7	8	0.05
HRD2	8	9	0.24
HRD2	9	10	0.14
HRD2	10	11	0.37
HRD2	11	12	0.12
HRD2	12	13	L
HRD2	13	14	0.13
HRD2	14	15	0.18
HRD2	15	16	No sample
HRD2	16	17	No sample
HRD2	17	18	0.3
HRD2	18	19	0.37
HRD2	19	20	0.49
HRD2	20	21	0.4
HRD2	21	22	4.26
HRD2	22	23	0.21
HRD2	23	24	0.47
HRD2	24	25	0.25
HRD2	25	26	0.12
HRD2	26	27	0.37
HRD2	27	28	0.54
HRD2	28	29	0.18
HRD2	29	30	0.29

APPENDIX 3

Resample results for ERL 97

Western Arm Drill WA 62 Re-split Duplicate Sample Results

Sample	Analabs1 Au g/t	Analabs2 Au g/t	Classic Au g/t
6201	.967	1.63	1.01
6202	1.588	.38	.28
6203	.151	.192	.24
6204	.07	.12	.06
6205	.052	.07	.07
6206	.135	.13	.28
6207	.134	.13	.15
6208	.132	.08	.07
6209	.067	.08	.21
6210	.217	.26	.31
6211	6.804	.4	.87
6212	.057	.11	.06
6213	.09	.13	.13
6214	.202	.23	.28
6215	.074	.09	.14
6216	2.58	.16	.07
6217	.064	.12	.06
6218	.154	.05	.08
6219	.319	.33	.41
6220	.236	.18	.2
6221	.178	.23	.27
6222	.117	.13	.14
6223	.223	.17	.25
6224	3.06	1.1	1.58
6225	.336	1.09	.41
6226	.284	1.09	.24
6227	.855	1.21	1.14
6228	.285	.58	.49
6229	.638	.89	1.54
6230	2.352	1.8	2.01
6231	.356	.56	.65
6232	.462	.25	.72
6233	.283	.18	.38
6234	.368	.21	.29
6235	.416	1.22	.24
6236	.2	1.16	2.33
6237	2.091	1.69	2.61
6238	.309	.24	.5
6239	.278	.33	.83
6240	.201	.55	.45
6241	.392	.23	.41
6242	3.19	.57	.56
6243	.319	.34	.39
6244	.338	.27	.49
6245	.201	.43	.82
6246	.452	.18	.3
6247	.344	.24	.77
6248	.259	.28	.4
6249	.67	1.2	1.17
6250	.482	.46	.73
6251	.812	.36	.64
6252	.376	.44	.51
6253	1.152	1.1	1.25
6254	.307	.64	.45
6255	.274	.2	.57
6256	1.348	1.36	2.57
6257	.574	.4	.52
6258	.399	.3	.37
6259	.375	.5	.68
6260	.392	.56	.38

APPENDIX 4

Screen fire assay results

Northern Gold N.L.
c/- Post Office
Adelaide River
NT 0896.

September 5, 1991

Dear Michelle

Please find following results for Screen Fire Assay on selected samples from your sample submission form # 37219 as discussed.

Sample Number	Original Wt. (g)	+200# Wt. (g)	µg +200#	-200# Wt. (g)	-200# µg	Total µg
WA 6224	1050.8	5.83	690	1044.97	1200.6	1890.6
WA 6225	1030.6	10.53	341	1020.07	461.07	802.07
WA 6226	980.6	12.86	854	967.74	282.6	1136.6
WA 6227	1011.2	12.87	1940	998.3	1168	3108

These may be summarised in a more easily recognisable form as follows:

Sample	Orig. ppm	S.F.A ppm	-200# ppm	%age +200#
WA 6224	3.06	1.79	1.149	36.5
WA 6225	0.336	0.778	0.452	42.5
WA 6226	0.284	1.159	0.292	75.2
WA 6227	0.855	3.07	1.17	62.4

Yours faithfully
ANALABS - A Division of Inchcape
Inspection & Testing Services Pty Ltd.

Bruce van Blommestein.

APPENDIX 5

Base metal results ERL 97

Western ARM Basemetal Results

Sample	Au-1 ppm	Au-2 ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm
WA6630	3.62	3.942	25	<5	5	1.2	1390
WA6631	0.218	0.275	35	<5	15	2	680
WA6632	1.698	3.8	35	<5	15	<0.5	800
WA6633	1.206	1.28	35	<5	<5	0.5	1355
WA6634	4.98	0.93	30	<5	<5	0.6	590
WA6635	1.286	1.399	25	<5	<5	0.7	280
WA6922	3.64	3.421	90	25	50	1.8	380
WA6923	6.64	7.869	120	465	100	1	500
WA6924	1.254	1.25	45	10	60	0.6	220
WA6925	1.006	0.957	45	<5	40	<0.5	130

APPENDIX 6

Base metal results Bridge Creek

Bridge Creek basemetal results BCP 136 (45-94 metres).

SAMPLE	Cu ppm	Zn ppm	As ppm	Ag ppm	Pb ppm
13645	195	120	860	1.8	70
13646	62	100	1010	1.5	45
13647	527	90	580	3.1	35
13648	640	110	600	3	110
13649	243	30	470	1.7	20
13650	112	30	450	1.9	5
13651	318	35	170	1.2	25
13652	202	65	470	1.9	30
13653	969	70	220	6.1	45
13654	287	50	270	2.2	25
13655	399	50	360	3.4	25
13656	419	40	240	3.7	20
13657	299	150	450	3.7	70
13658	806	35	240	3.6	25
13659	973	140	810	4	35
13660	567	210	480	3.5	45
13661	485	500	810	3	150
13662	733	4120	460	3.9	780
13663	485	7620	380	4.4	1240
13664	533	9970	180	3.3	1400
13665	862	1650	360	3.9	400
13666	1260	250	240	5.4	100
13667	1120	110	770	4.7	35
13668	1890	105	9900	6	60
13669	1310	175	8700	5.1	70
13670	1400	230	1500	4	55
13671	903	5910	880	3.4	360
13672	1087	600	3300	3.7	175
13673	593	270	2000	2.3	65
13674	253	130	1600	1.9	25
13675	285	250	2300	2.7	105
13676	125	304	280	2	115
13677	107	190	110	1.8	40
13678	57	190	X	1.6	40
13679	257	1810	380	1.8	205
13680	540	215	2500	3.7	110
13681	345	660	290	2.8	170
13682	297	810	770	2.4	150
13683	272	610	550	2.2	150
13684	169	520	230	1.5	65
13685	141	290	880	1.6	50
13686	243	230	300	2.3	70
13687	379	210	940	1.9	55
13688	295	455	2800	1.7	115
13689	194	140	970	0.9	40
13690	195	95	1200	2.6	50
13691	219	215	940	2.4	45
13692	299	950	5300	2.3	150
13693	85	240	1300	2.5	65
13694	132	380	1600	1.7	50