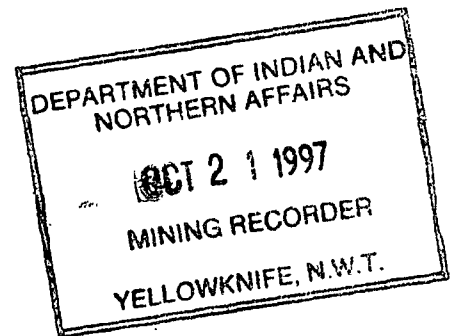


083942

ASSESSMENT REPORT
JC PROPERTY (AP63)

ASHTON MINING OF CANADA INC.

MACKENZIE DISTRICT
NORTHWEST TERRITORIES
1997



Company: Ashton Mining of Canada Inc.
Claims: JC 1 to JC 134 (inclusive); JC 137 to JC 156 (inclusive); JC 232 to JC 242 (inclusive)
Dates of Work: July 1996 to July 1997
Location: Contwoyto Lake Area
NTS: 76E/5, 76E/6, 76E/7, 76E/11, 76E/12 and 86H/9
Latitude: 65° 33' N
Longitude: 111° 20' W

Author: Jeff Ward

Date: October 20, 1997

THIS REPORT HAS BEEN EXAMINED AND
APPROVED AS TO TECHNICAL WORTH UNDER
SECTIONS 6 & 7 OF SCHEDULE II OF THE
CANADA MINING REGULATIONS AND

VALUED IN THE AMOUNT OF \$ 425,410.15

DATE: Feb 04/98

ENGINEER OF MINE'S FOR
CHIEF, NORTH. NON-RENEW
RESOURCES BRANCH

TABLE OF CONTENTS

SUMMARY	1
INTRODUCTION.....	2
LOCATION AND ACCESS	2
PHYSIOGRAPHY	2
CLAIM STATUS	4
REGIONAL GEOLOGY	5
PROPERTY GEOLOGY	7
Geology	7
Mineral Occurrences	7
PREVIOUS WORK.....	9
WORK PERFORMED.....	10
Heavy Mineral Sampling	10
RESULTS	11
Heavy Mineral Results	11
CONCLUSIONS AND RECOMMENDATIONS.....	12
CERTIFICATE OF QUALIFICATIONS.....	13
BIBLIOGRAPHY	14

LIST OF FIGURES AND TABLES

FIGURE 1	PROPERTY LOCATION MAP	3
FIGURE 2	REGIONAL GEOLOGY MAP	6
FIGURE 3	PROPERTY GEOLOGY MAP	8

LIST OF APPENDICES

APPENDIX A	STATEMENT OF EXPENDITURE STATEMENT OF REPRESENTATION WORK EXPENDITURE ALLOCATION (attachment to Form 9) CERTIFICATE OF EXTENSION
APPENDIX B	PROJECT PERSONNEL AND WORK DATA
APPENDIX C	CLAIM LOCATION PLAN SCHEDULE OF CLAIMS
APPENDIX D	SAMPLE LOCATIONS AND RESULTS (INCLUDES TABLES AND MAPS)

SUMMARY

In 1996 Ashton Mining of Canada Inc. acquired an option on the JC Property (AP 63) from joint venture partners Pure Gold Resources Inc. and Lytton Minerals Ltd. and assumed the duties of operator. The JC claim block is situated approximately 360 kilometers northeast of Yellowknife in the Northwest Territories of Canada.

Previous work on the original 526,125 acre property, carried out by Canamera Geological Ltd. between 1992 and 1995, included a fixed-wing Geoterrex airborne geophysical survey and the collection of approximately 2400 heavy mineral samples. After acquiring an interest in the property, Ashton collected an additional 488 heavy mineral samples during a summer exploration program on the remaining 332,113.74 acre claim block.

A combination of \$425,410.15 in 1996 exploration expenditures and a cheque of \$11,142.19 have been submitted to recover \$402,820.47 in bonds previously posted on the property. A new bond of \$133,884.64 has been posted to maintain 30 claims in good standing for an additional one year period.

Ashton's interpretation of the kimberlite indicator counts and their abrasion characteristics suggested that additional work on the JC Property was warranted. Between late June and October 1997, Ashton conducted additional follow-up exploration and re-observed select historical Canamera samples across the property. This pro-ratable work was completed after the July 27, 1997 anniversary date and will have to be submitted with the next assessment filing.

INTRODUCTION

This report presents a summary of results from 488 heavy mineral samples taken on the JC Property during an Ashton summer exploration program conducted on the property in 1996.

The 164 claims which comprise the JC Property are located within the Northwest Territories in the north-central portion of the Slave Craton, a structural province of the Canadian Shield. The Slave Craton is currently the focus of extensive exploration efforts as a result of the discovery of diamondiferous kimberlites in the Lac de Gras area by Dia Met Minerals Ltd. in 1990.

Exploration on the claims is being conducted by Ashton Mining of Canada Inc. in joint venture with Lytton Minerals Ltd. and Pure Gold Resources Inc.

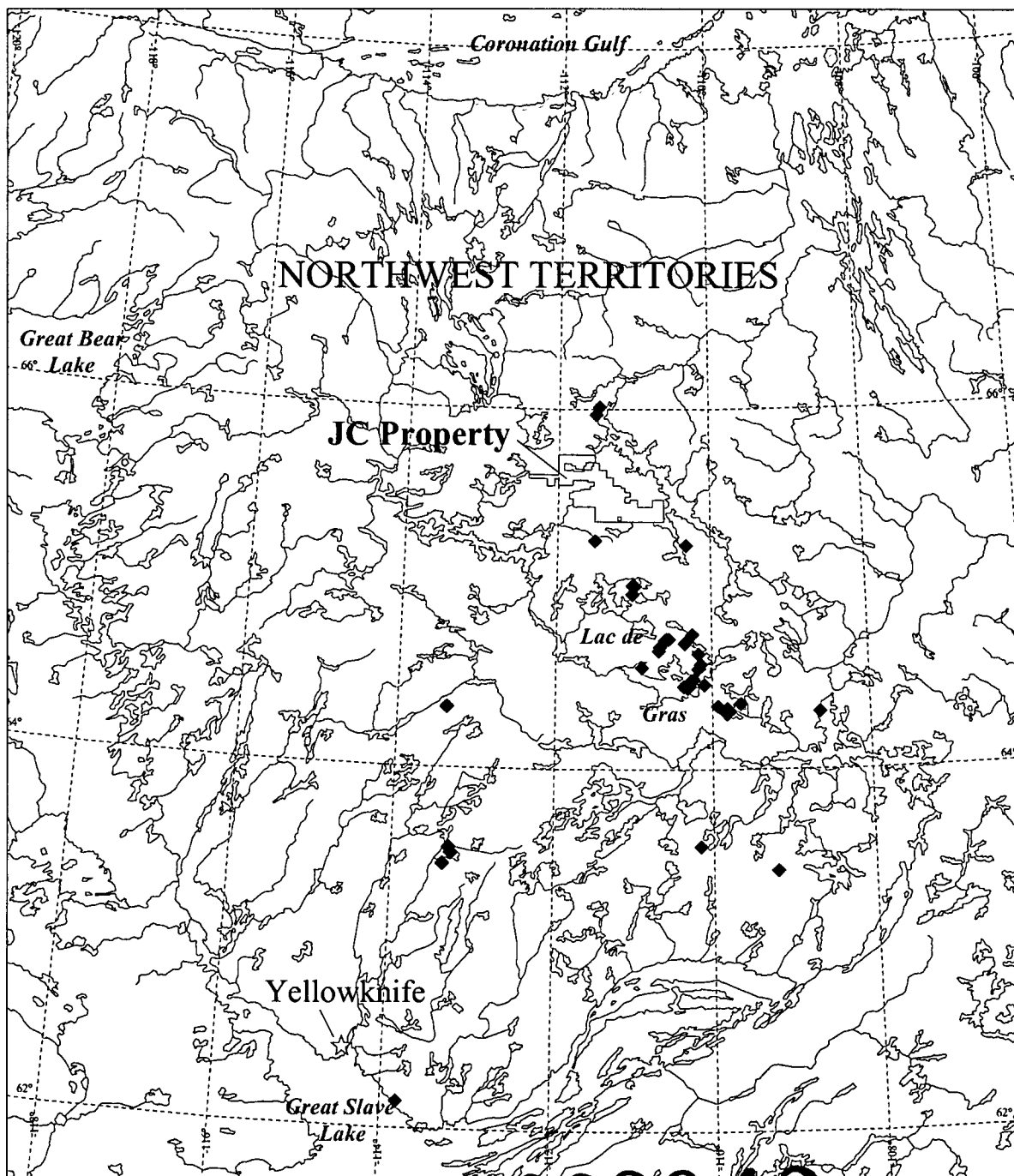
LOCATION AND ACCESS

The JC Property is located within the Mackenzie District of the Northwest Territories in the Contwoyto Lake area. Access to the property is by light aircraft or helicopter only. These are readily chartered from various air services based in Yellowknife. Several abandoned esker airstrips, capable of handling small aircraft, are sporadically situated on lands west of Contwoyto Lake. A winter road to the Lupin Mine terminates at Contwoyto Lake approximately 15 km to the northeast of the claims. A paved airstrip at the mine site permits larger aircraft to access the region. Operations were conducted from Ashton's Amber Lake camp situated in the northwest part of the property.

The claims are located on the NTS map sheets 76 E/5 to E/7, 76 E/11 to E/12 and 86 H/9. The coordinates of the center of the claim group are 65°33' N and 111°20' W. The claims are located approximately 360 km northeast of Yellowknife and 20 km west of Contwoyto Lake (see Figure 1).

PHYSIOGRAPHY

The property is situated within the treeless tundra of the Burnside River-Contwoyto Lake drainage basin. Contwoyto Lake is the predominant topographic feature in the area and parallels the claim block 20 km east of the property boundary. Numerous shallow lakes occupy gently rolling glacial scoured basins. The region is characterized by low relief and rockcore drumlinoid ridges with moderate bedrock relief in the order of 50 to 100 meters. Surficial deposits range from a flat-lying till blanket 10 m thick to eskers with a northwesterly trend reaching heights of more than 20 metres and widths greater than 100 metres. Other associated glaciofluvial deposits such as kames, beaches and outwash plains are common in the central portion of the property. Vegetation is sparse consisting of muskeg and shrubs and alders. The climate is considered subarctic.



083942

Map Location



LEGEND

- ◆ Kimberlite
- ◆ Ashton Kimberlite

Ashton Mining of Canada Inc.



Date April 18, 1987
 Author M. Gurney
 Office, Vancouver
 Draw: Prop-Asht-Wor
 Proj: UTM Zone 12

Figure 1

JC Property, N.W.T.
 Property Location Map

0 40 80 Scale 1 : 4 000 000
 Kilometers

CLAIM STATUS

The JC property is comprised of 164 claims covering 332,113.74 acres (134,406.43 hectares) situated in the Mackenzie Mining District of the Northwest Territories of Canada (see Appendix C, Claim Location Plan and Schedule of Claims).

The claims are registered to Ashton Mining of Canada Inc., Pure Gold Resources Inc. and Benachee Resources Inc. Ashton functions as the property manager and, in joint venture with Pure Gold Resources Inc. and Lytton Minerals Ltd., has the right to earn a 51% interest in the claims.

REGIONAL GEOLOGY

The Contwoyto Lake area (and the JC Property) lies within the Slave Structural Province, which is part of the Precambrian Craton which forms the Canadian Shield (see Figure 2). The Slave Province has been mapped by several geologists of the Geological Survey of Canada and NWT Geology Division, DIAND. A simplified geological map of the Slave Structural Province was produced by DIAND by modifying the geology from: Frith, R.A., 1987, GSC Memoir 417; Jackson, V.A., 1989, DIAND EGS 1989-11 and EGS 1990; King, J.E. et al., 1989, GSC Paper 89-C; McGlynn, J.C., 1977, GSC Open File 445; Thompson, P.H., 1989, Geology, v.17.

The oldest rock unit within the Slave is the Acasta gneissic complex, an Archean complex of plutonic gneisses, commonly of tonalite composition and in part cataclastic, which is located approximately 180 kilometers to the west of the property. This complex forms the basement to the Archean Yellowknife Supergroup.

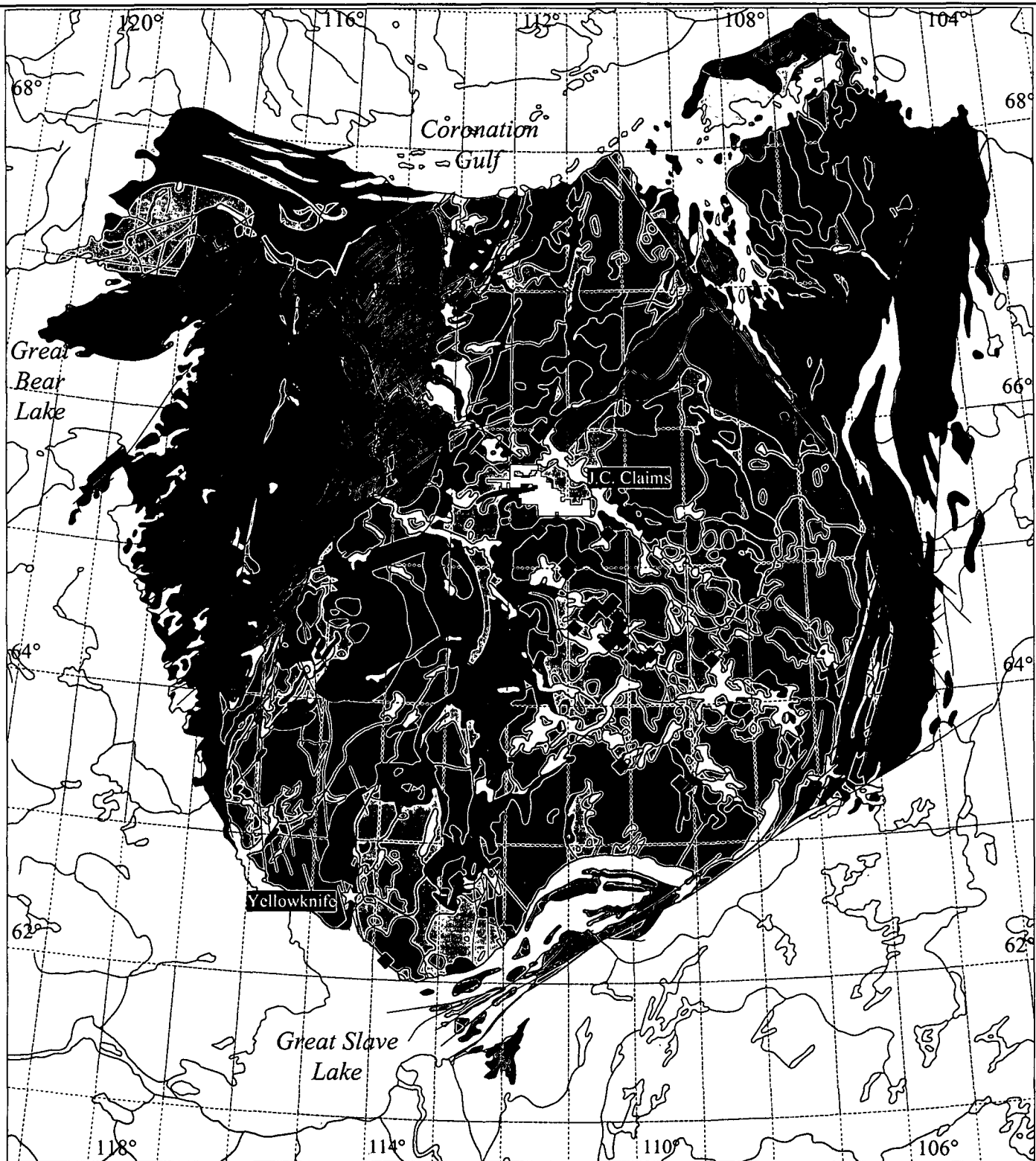
The Yellowknife Supergroup comprises three units. The first unit consists of basic (basalt) to intermediate lava, tuff and agglomerate. Rhyolite and dacite flows, tuff, ash flow tuffs and agglomerates make up the second unit. Overlying the two volcanic units are greywacke to mudstone turbidites. Quartz-biotite schists and arkosic quartzite were derived from the greywacke and mudstone turbidites. These schists and quartzites are not differentiated from the turbidites on the compilation map.

Granitic gneiss, migmatites and massive granitoids mainly derived from the Yellowknife Supergroup overlie the supergroup in places.

Two ages of granitoids have intruded the older rocks. One is identified as post Yellowknife Supergroup and comprises quartz diorite, granodiorite, quartz monzonite and granite. These granitoids are in part porphyritic and pegmatitic. The other granitoid is post Archean and is made up of granodiorites and quartz monzonites.

Three different sets of diabase dykes are present in the Slave Province of the N.W.T.: an easterly trend dated at 2.15 billion years, a northeasterly trending set dated at 2.1 billion years, and the most dominant set in the Lac de Gras region, the 1.2 billion year old Mackenzie dyke swarm which trends north-northwesterly and parallels most of the dominant faults in the region. Many of the kimberlites at Lac de Gras occur in close proximity with the Mackenzie dykes suggesting the bodies may have come to surface along the same deep seated structures.

The age of the Dia Met kimberlites at Lac de Gras was analyzed using two methods: radiographic isotopic measurements and paleontological studies. The Lac de Gras kimberlites obtained an age of 52 million years, +/- 1.2 million years.



Paleozoic

■ Sedimentary Rocks

Proterozoic

Neoproterozoic

□ Intrusive Rocks

Mesoproterozoic

■ Meso-Neo Sedimentary Rocks

■ Sedimentary Rocks

■ Intrusive and Volcanic Rocks

Paleoproterozoic

■ Paleo-Meso Intrusive Rocks

■ Paleo-Meso Sedimentary Rocks

■ Intrusive Rocks

■ Metamorphic Rocks

■ Sedimentary Rocks

■ Volcanic Rocks

Paleoproterozoic/Archean

■ Intrusive Rocks

■ Metamorphic Rocks

■ Sedimentary and Volcanic Rocks

Archean

■ Intrusive Rocks

■ Metamorphic Rocks

■ Sedimentary Rocks

■ Volcanic Rocks

◆ Kimberlites
◆ Ashton Kimberlites

083942

Ashton Mining of Canada Inc.



Date June 28, 1997

Author E. Mortley

Office Vancouver

Dwg. S19970601

Projection: UTM Zone 12

Figure 2

J.C. Property, N.W.T.
Regional Geology Map

Scale 1 : 4 500 000

Recommended Citation:
Hoffman, P., and Hall, L.
1997. Geology, Slave craton and environs, District of Mackenzie, Northwest Territories.
Geological Survey of Canada, Open file D1860A, Scale 1 : 1 000 000

PROPERTY GEOLOGY

Geology

The JC Property is situated in the north-central portion of the Slave Craton. It is predominantly underlain by Archean granitoids and plutonic and undifferentiated rocks (see Figure 3). Metasedimentary and volcanic rocks of the Yellowknife Supergroup are found in the north-central portion of the property and continue to be the focus of both gold and base metal exploration. Diabase and gabbroic dykes of the Mackenzie swarm, trending north-west and dipping vertically, are found on the property.

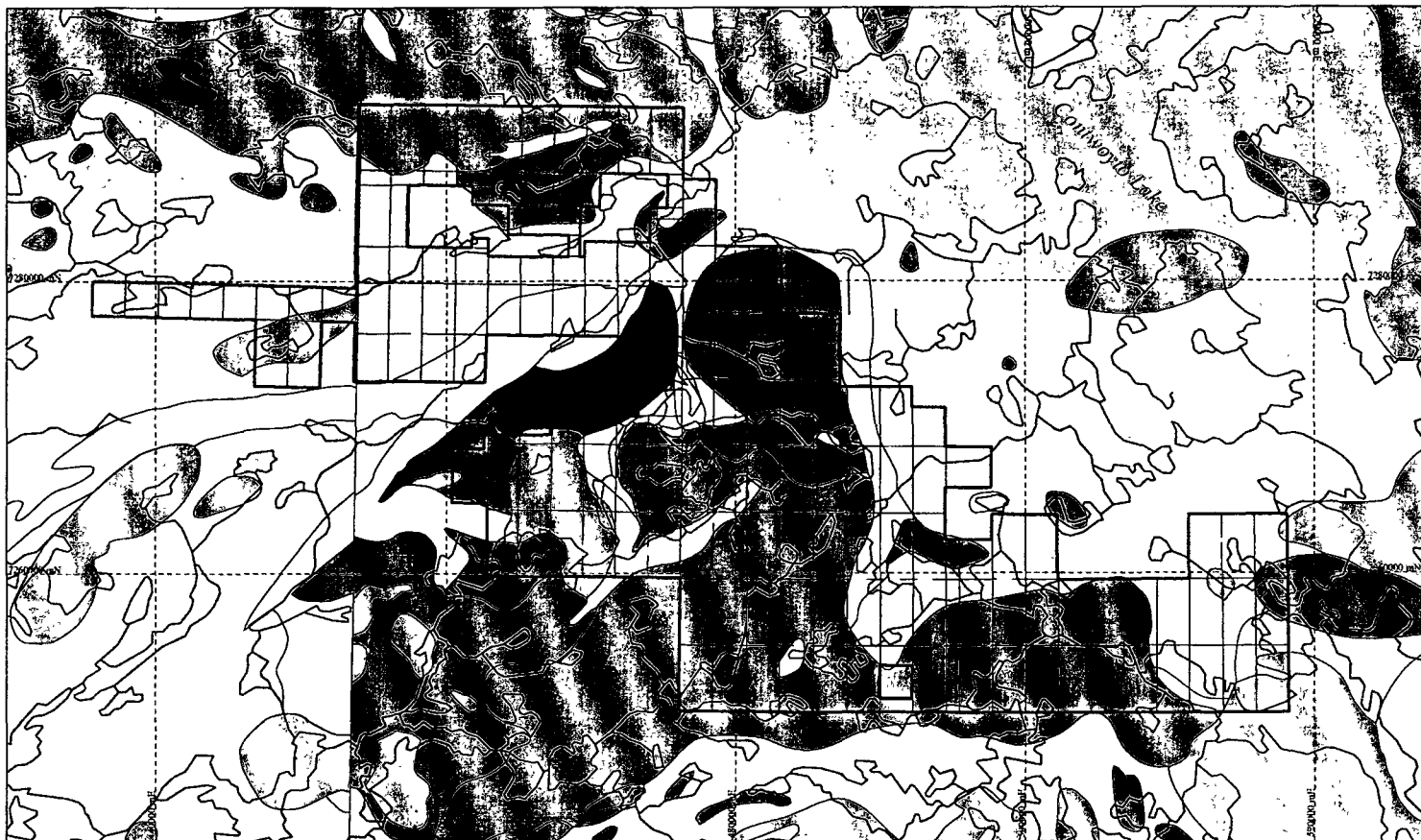
There has been no detailed geological mapping conducted over the property and all geology has been gleaned from previous geological compilations.

Mineral Occurrences

There are no known mineral occurrences of economic significance documented on the JC claims. Izok Lake, a 13.4 million ton metamorphosed volcanogenic massive sulfide deposit, is located approximately 50 km to the west of the property. This deposit contains chalcopyrite, pyrite, pyrrhotite, sphalerite, galena and silver situated in gneiss derived from Yellowknife Supergroup felsic flows. The central portion of the property surrounds the Gondor deposit, a zinc, silver, copper, gold massive sulfide deposit also hosted by felsic to intermediate volcanic rocks.

The Lupin Mine, operated by Echo Bay Mines, is the only operating mine in the area and is situated 15 km northeast of the property on the shore of Contwoyto Lake. The gold-sulfide orebody occurs in a tightly folded amphibolite iron formation of the Yellowknife Supergroup. Smaller satellite bodies, similar to the Lupin deposit, occur on isolated claims within the JC Property and are considered uneconomic.

The JC Property is situated along the northwest trend of Slave kimberlite occurrences commonly known as the "Corridor of Hope". The Ranch Lake Pipe, a kimberlite with subeconomic diamond grades, is located approximately 10 kilometers southeast of the property. Forty kilometers further south, the Yamba Lake kimberlite cluster also produced subeconomic grades for diamonds. More recently, the discovery of the Jericho pipes, 30 km north of the property, has enhanced the general prospectivity of the region. A 15,000 tonne sample from the JD/OD 1 pipe has confirmed grades of 1.18 ct/tonne with stones valued at \$61.71/ct.



LEGEND

PROTEROZOIC - PALEOZOIC



ARCHEAN



Undifferentiated / Undeformed Granitoids



Deformed Granitoids



Undifferentiated Gneiss



Yellowknife Supergroup Sediments



Intermediate - Felsic Yellowknife Supergroup Volcanics



Mafic - Intermediate Yellowknife Supergroup Volcanics



Gneissic Complexes

083942

Recommended Citation.

Hoffman, P., and Hall, L.

1993 Geology, Slave craton and environs, District of Mackenzie, Northwest Territories,
Geological Survey of Canada, Open file 2559, Scale 1 : 1 000 000

Ashton Mining of Canada Inc.



Date: April 18, 1987

Author: M. Durney

Office: Vancouver

Drawn: Geo. W. R.

Proj. UTM Zone 12

Figure 3

JC Property, N.W.T.
Property Geology Map

0 6 12
Kilometers

Scale 1 : 500 000

PREVIOUS WORK

The JC claims have been on record with the Mining Recorder's Office in Yellowknife since July 27, 1992. Canamera Geological Ltd. was contracted by Texas Star Resources Corp. in joint venture with Lytton Minerals Ltd. to conduct a heavy mineral sampling program over the claims during the 1992 to 1995 assessment periods. A total of approximately 2400 heavy mineral samples were collected. These were processed and observed at Canamera's laboratory facilities in North Vancouver, B.C. In October 1993, Geoterrex was contracted to do a 9498 line km fixed-wing airborne geophysical survey over the property.

The bulk of this work was submitted to the Department of Indian and Northern Affairs on October 18, 1994 by Ken Hicks, P.Geol., in a 5 volume assessment report titled "Geochemical and Geophysical Assessment Report on Texas Star Resources Corporation's JC Property".

In 1996, Ashton Mining of Canada Inc. acquired an option on the JC Property and began acting as operator. Ashton's subsequent exploration program attempted to verify Canamera's earlier finding as well as independently evaluate the property using Ashton's own laboratory and exploration techniques.

WORK PERFORMED

Heavy Mineral Sampling

A total of 488 samples was collected by Ashton during the 1996 field season. The sample sites are plotted on the sample location map included in Appendix D. The sample description table also included in Appendix D presents a brief description of the sample sites, including coordinates.

Ashton's sampling procedure is to collect material from eskers, tills, frost boils and other surficial features representative of glacial deposition. The coarse constituent, pebbles, stones and cobbles, are removed by sieving at or near the sample site. The resulting samples, weighing 20 to 25 kilograms, are transported to Ashton Mining of Canada's laboratory facilities in North Vancouver, B.C., where reduction by Wilfley shaking table and sieving produces an initial concentrate weighing about 500 grams in the 0.4 to 1.3 millimetre size range. This fraction is further reduced by heavy liquid separation to about 30 grams of heavy minerals. Each sample is then carefully examined twice under a binocular microscope and the kimberlitic indicator minerals are isolated. These indicator grains are counted, examined for surface abrasions which may be indicative of transportation distance, and saved for additional testing if warranted.

The indicator mineral counts are plotted and a background value is established for the particular area under exploration. Anomalous concentrations are classified and these, together with the abrasion characteristics of the indicator minerals found and the local ice-flow direction, are used to trace potential kimberlite sources. Sample density in anomalous areas is increased to enable the delineation of kimberlite targets.

RESULTS

Heavy Mineral Results

Tables listing complete sample results are included in Appendix D. Maps presenting the results in pie graph format are also provided in Appendix D.

The JC Property is located immediately northwest of known kimberlite occurrences on the Ranch Lake Property, the Dolly Varden Property and the Yamba Lake claim block. Indicators liberated from these kimberlites have been transported in a northwesterly direction across the Slave Craton by quaternary ice movements. This has resulted in a broad, but subtle regional indicator dispersion train exhibiting sporadic and low indicator counts over much of the JC Property.

As noted in some of the earlier Canamera work, most of the anomalous samples contain low counts of chromite, olivine and chrome diopside. The majority of these values are thought to be representative of a regional background. However, Ashton's 1996 samples did recover isolated but significant counts of pyrope and ilmenite missed on earlier programs. Subsequent exploration will concentrate on these and other discrepancies identified through the re-observation of historical samples.

The only indicator dispersion train identified on the property is an olivine dominant trend centered around sample AP63-0241. This northwest trending fan has been traced off the property to the southeast and originates from a known kimberlite occurrence on the Ranch Lake claim block.

CONCLUSIONS AND RECOMMENDATIONS

Diamond exploration on the JC Property commenced in late 1992 and was carried out by Canamera Geological Ltd. under a joint venture agreement between Texas Star Resources Corp. and Lytton Minerals Ltd. In 1996, Ashton Mining of Canada Inc. entered into a joint venture with Pure Gold Resources Inc. and Lytton Minerals Ltd. and, while acting as operator, conducted additional exploration on the JC claim block.

Exploration to date has failed to identify a kimberlite occurrence on the JC Property. Sporadic low indicator counts occur across the property and may be attributed to known kimberlites occurring up-ice. Results from Ashton's 1996 exploration program identified mineralogies and abrasion characteristics not found during earlier exploration programs, suggesting that additional work was warranted.

Subsequent exploration continued to evaluate the property through the re-observation of historical Canamera samples and the follow-up of anomalous areas identified in 1996. This work was completed after the July 27, 1996 anniversary date and will have to be submitted with the next assessment filing. With this report a bond of \$133,884.64 has been posted to cover the required 1997 exploration expenditures and maintain 30 prospective claims.

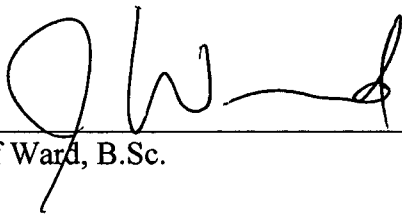
CERTIFICATE OF QUALIFICATIONS

I, Jeff Ward, of 3193 W. 13th Avenue, Vancouver, British Columbia hereby certify:

1. I am presently employed as a project geologist with Ashton Mining of Canada Inc. at Unit 123, 930 West First Street, North Vancouver, B.C. V7P 3N4.
2. I am a graduate of the University of Western Ontario and hold a B.Sc. degree in Geology, (1989).
3. I have been employed in the mineral exploration industry since 1984 and have practiced my profession since graduation.
4. That the information, conclusions and recommendations in this report are based on work in the N.W.T. and on the property, in collaboration with colleagues involved in various aspects of exploration.

DATED at North Vancouver, British Columbia, this 20th day of October, 1997.

ASHTON MINING OF CANADA INC.

A handwritten signature in black ink, appearing to read 'JW', is written over a horizontal line.

Jeff Ward, B.Sc.

BIBLIOGRAPHY

ASHTON MINING OF CANADA INC.

1993: Review of Exploration Projects in North America by Micon International Limited, August 26, 1993.

CAVEY, G., FREEZE, J.C., LEBEL, J.L.

1993: Report on the Diamond Properties for Pure Gold Resources Inc., Lac de Gras Area, Mackenzie District, Northwest Territories, May 3, 1993.

CAVEY, G., LEBEL, J.L.

1993: Addendum to the Report on the Diamond Properties for Pure Gold Resources Inc., Lac de Gras Area, Mackenzie District, NWT, June 1, 1993.

DUMMET, H.T., FIPKE, C.E. and BLUSSON, S.L.

1986: Diamond Exploration Geochemistry in the North American Cordillera; Geoexpo/86, Exploration in the North American Cordillera, I.L. Elliot and B.W. Smee, eds, Joint Publication of the Association of Exploration Geochemists and the Geological Society of Canada, pp. 168-176.

FIPKE, C.E.

1990a: The Development of Advanced Technology to Distinguish Between Diamondiferous and Barren Diatremes, GSC Open File 2124, Part I, 1990a.

GIBBINS, W.A. and ATKINSON, D.

1992: Diamond Exploration in the Northwest Territories. NWT Geology Division, EGS 1992-1.

HICKS, K.

1994: Geochemical and Geophysical Assessment Report on Texas Star Corporation's JC Property, Submitted to the Department of Indian and Northern Affairs, 1994.

KUSIK, R; GOFF, STEPHEN P. (COMPILERS)

1994: Exploration Overview 1994, Northwest Territories, Mining Exploration and Geological Investigations, DIAND, March, 1994.

MITCHELL, R.H.

1989: The Nature of Kimberlites, Lamproites and Lamprophyres; in "Modern Exploration Techniques"; Saskatchewan Geological Survey, Special Publication Number 10, pp. 137-138.

ROSS, J.

1986: Kimberlites and Related Rocks, Volumes 1 and 2, Proceedings of the Fourth International Kimberlite Conference, Perth, 1986, Geological Society of Australia, Special Publication No. 14. Various Papers.

WARD, B.C., KJARSGAARD, I.M., DREDGE, L.A., KERR, D.E. and STIRLING, J.A.R.

1996: Regional Distribution and Chemical Characteristics of Kimberlite Indicator Minerals, Contwoyto Lake map area, Northwest Territories. Geological Survey of Canada Open File 3386.

APPENDIX A

**STATEMENT OF EXPENDITURE
STATEMENT OF REPRESENTATION WORK
EXPENDITURE ALLOCATION (attachment to Form 9)
CERTIFICATE OF EXTENSION**

JC Claims (AP63)
Property Costs Breakdown

	July '96 - July '97
	AMC Sampling
	\$\$
Air Support	155,073.89
Field Labour and Geologist's Salaries	35,392.45
Field Materials and Freight	9,386.57
Camp Costs	40,450.45
Communications	6,361.39
Office/Warehouse supplies and office expenses	20,756.04
Processing and Observing Laboratory	152,663.00
Laboratory Supplies and External Laboratory costs	
Consultants/Contractors	5,326.36
Total costs	425,410.15
Number of samples	488
Cost per sample	\$ 871.74



STATEMENT OF REPRESENTATION WORK
ÉTAT DES TRAVAUX OBLIGATOIRES

FORM 9 - FORMULE 9

I have done, or caused to be done, work on the following mineral claims: J'ai effectué, ou fait effectuer des travaux dans les claims miniers suivants:		Amount of fees - \$33,211.37 Montant des droits:
		Receipt number - N° du reçu:
Mining district - District minier: North		Date: October 20, 1997
Name of claim holder: Nom du détenteur du claim: Ashton Mining of Canada Inc./ Pure Gold Resources Inc./Benachee Res. Inc.		Licence no - N° du permis: N30181/N30748/N31116
Mailing address - Adresse postale c/o Ashton Mining of Canada Inc. Unit 123-930 West 1st Street, North Vancouver, BC V7P 3N4		
Work performed on mineral claim(s): Travaux effectués dans le(s) claim(s) minier(s): JC 1-134 JC 232-242 JC 137-156		Claim(s) location - Emplacement du (des) claim(s): Point Lake/ Contwoyto Lake NTS:-SACN: 86H/76E Co-ordinates - Coordonnées: 111°20' 65°33'
Type of work performed: Genre de travaux effectués: Heavy Mineral Sampling (Regional)		Work done by (include address): Travaux effectués par (inclure l'adresse): Ashton Mining of Canada Inc.
The work was performed on the following days: Les travaux ont été effectués aux dates suivantes: 28/7/96 - 28/7/97		Value of work performed: Valeur des travaux effectués: \$425,410.15
Grouping certificate no: N° du certificat de groupement:		Note: attach a sketch showing the location and details of the work performed - Nota: annexer un dessin indiquant l'emplacement et les détails de ces travaux

The above noted work is to be applied to renew the following claim(s) in the amounts indicated -
Ces travaux ont été effectués en vertu du renouvellement du (des) claim(s) suivant(s) pour le montant indiqué

Claim number N° du claim	Claim name Nom du claim	Acreage Superficie	Cost Distribution Distribution des coûts		Next due date Prochaine date d'échéance	Excess credit Crédit excédentaire
			New work Nouveaux travaux	Existing excess credit used Crédit excédentaire existant utilisé		
Please see attached Form 9 Schedule						
JC 1-134,	JC 137 - 156,	JC 232 - 242				

I hereby certify that 1) I have personal and intimate knowledge
of the above noted facts and 2) these facts are true:

Je certifie par la présente 1) que j'ai pris connaissance des
faits mentionnés ci-haut et 2) que ces faits sont exacts:

Claim holder (or agent):
Détenteur du claim (ou l'agent):

[Signature]

CERTIFICATE - CERTIFICAT

This statement is approved as is or is approved to the value of:
Cet état a été approuvé d'une valeur de:

\$ _____

Mining Recorder:
Conservateur des registres miniers:

Approved date:
Date approuvée:

FORM 9 ATTACHMENT**October 20, 1997****JC PROPERTY 96-97 ASSESSMENT FILING**

Claim Number	Claim Name	Acres	New Work	Existing Excess Credit Used (1995)	Next Due Date	Excess Credit (Deficit)
F25352	JC 1	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25353	JC 2	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25354	JC 3	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25355	JC 4	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25356	JC 5	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25357	JC 6	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25358	JC 7	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25359	JC 8	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25360	JC 9	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25361	JC 10	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25362	JC 11	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25363	JC 12	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25364	JC 13	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25365	JC 14	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25366	JC 15	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25367	JC 16	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25368	JC 17	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25369	JC 18	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25370	JC 19	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25371	JC 20	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25372	JC 21	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25373	JC 22	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25374	JC 23	1,033.00	1,323.19	852.87	7/27/98	110.05
F25375	JC 24	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25376	JC 25	774.75	992.39	639.65	7/27/97	82.54
F25377	JC 26	516.5	661.59	426.43	7/27/97	55.03
F25378	JC 27	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25379	JC 28	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25380	JC 29	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25381	JC 30	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25382	JC 31	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25383	JC 32	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25384	JC 33	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25385	JC 34	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25386	JC 35	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25387	JC 36	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25388	JC 37	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25389	JC 38	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25390	JC 39	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25391	JC 40	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25392	JC 41	1,033.00	1,323.19	852.87	7/27/98	110.05
F25393	JC 42	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25394	JC 43	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25395	JC 44	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25396	JC 45	1,549.50	1,984.78	1,279.30	7/27/97	165.08

FORM 9 ATTACHMENT**October 20, 1997****JC PROPERTY 96-97 ASSESSMENT FILING**

Claim Number	Claim Name	Acres	New Work	Existing Excess Credit Used (1995)	Next Due Date	Excess Credit (Deficit)
F25397	JC 46	619.8	793.91	511.72	7/27/98	66.03
F25398	JC 47	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25399	JC 48	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25400	JC 49	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25401	JC 50	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25402	JC 51	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25403	JC 52	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25404	JC 53	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25405	JC 54	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25406	JC 55	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25407	JC 56	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25408	JC 57	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25409	JC 58	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25410	JC 59	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25411	JC 60	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25412	JC 61	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25413	JC 62	2,582.50	3,307.97	2,132.17	7/27/98	275.13
F25414	JC 63	2,169.30	2,778.69	1,791.02	7/27/98	231.11
F25415	JC 64	1,549.50	1,984.78	1,279.30	7/27/98	165.08
F25416	JC 65	2,324.25	2,977.17	1,918.95	7/27/98	247.62
F25417	JC 66	2,324.25	2,977.17	1,918.95	7/27/97	247.62
F25418	JC 67	2,530.85	3,241.81	2,089.52	7/27/97	269.63
F25419	JC 68	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25420	JC 69	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25421	JC 70	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25422	JC 71	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25423	JC 72	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25424	JC 73	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25425	JC 74	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25426	JC 75	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25427	JC 76	2,066.00	2,646.37	1,705.73	7/27/97	220.11
F25428	JC 77	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25429	JC 78	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25430	JC 79	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25431	JC 80	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25432	JC 81	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25433	JC 82	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25434	JC 83	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25435	JC 84	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25436	JC 85	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25437	JC 86	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25438	JC 87	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25439	JC 88	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25440	JC 89	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25441	JC 90	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25442	JC 91	568.15	727.75	469.08	7/27/97	60.53

FORM 9 ATTACHMENT**October 20, 1997****JC PROPERTY 96-97 ASSESSMENT FILING**

Claim Number	Claim Name	Acres	New Work	Existing Excess Credit Used (1995)	Next Due Date	Excess Credit (Deficit)
F25443	JC 92	568.15	727.75	469.08	7/27/97	60.53
F25444	JC 93	568.15	727.75	469.08	7/27/97	60.53
F25445	JC 94	568.15	727.75	469.08	7/27/97	60.53
F25446	JC 95	387.38	496.20	319.83	7/27/97	41.27
F25447	JC 96	1,291.25	1,653.98	1,066.08	7/27/97	137.57
F25448	JC 97	433.86	555.74	358.20	7/27/97	46.22
F25449	JC 98	1,291.25	1,653.98	1,066.08	7/27/97	137.57
F25450	JC 99	1,998.86	2,560.37	1,650.30	7/27/97	212.95
F25451	JC 100	1,291.25	1,653.98	1,066.08	7/27/97	137.57
F25452	JC 101	593.98	760.84	490.40	7/27/97	63.28
F25453	JC 102	619.8	793.91	511.72	7/27/97	66.03
F25454	JC 103	439.03	562.36	362.47	7/27/97	46.77
F25455	JC 104	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25456	JC 105	1,678.63	2,150.19	1,385.91	7/27/97	178.84
F25457	JC 106	1,678.63	2,150.19	1,385.91	7/27/97	178.84
F25458	JC 107	297.5	381.07	245.62	7/27/97	31.69
F25459	JC 108	1,033.00	1,323.19	852.87	7/27/97	110.05
F25460	JC 109	1,033.00	1,323.19	852.87	7/27/97	110.05
F25461	JC 110	1,033.00	1,323.19	852.87	7/27/97	110.05
F25462	JC 111	193.69	248.10	159.91	7/27/97	20.64
F25463	JC 112	1,394.55	1,786.30	1,151.37	7/27/97	148.57
F25464	JC 113	1,394.55	1,786.30	1,151.37	7/27/97	148.57
F25465	JC 114	1,394.55	1,786.30	1,151.37	7/27/97	148.57
F25466	JC 115	1,313.98	1,683.10	1,084.85	7/27/97	139.99
F25467	JC 116	2,324.25	2,977.17	1,918.95	7/27/97	247.62
F25468	JC 117	1,368.73	1,753.23	1,130.05	7/27/97	145.82
F25469	JC 118	1,936.88	2,480.98	1,599.13	7/27/97	206.35
F25470	JC 119	1,936.88	2,480.98	1,599.13	7/27/97	206.35
F25471	JC 120	1,936.88	2,480.98	1,599.13	7/27/97	206.35
F25472	JC 121	1,936.88	2,480.98	1,599.13	7/27/97	206.35
F25473	JC 122	1,936.88	2,480.98	1,599.13	7/27/97	206.35
F25474	JC 123	1,936.88	2,480.98	1,599.13	7/27/97	206.35
F25475	JC 124	1,936.88	2,480.98	1,599.13	7/27/97	206.35
F25476	JC 125	1,936.88	2,480.98	1,599.13	7/27/97	206.35
F25477	JC 126	1,936.88	2,480.98	1,599.13	7/27/97	206.35
F25478	JC 127	1,936.88	2,480.98	1,599.13	7/27/97	206.35
F25479	JC 128	593.98	760.84	490.40	7/27/97	63.28
F25480	JC 129	445.48	570.62	367.80	7/27/97	47.46
F25481	JC 130	552.14	707.25	455.86	7/27/97	58.82
F25482	JC 131	1,717.36	2,199.80	1,417.89	7/27/97	182.96
F25483	JC 132	1,807.75	2,315.58	1,492.52	7/27/97	192.59
F25484	JC 133	1,807.75	2,315.58	1,492.52	7/27/97	192.59
F25485	JC 134	1,807.75	2,315.58	1,492.52	7/27/97	192.59
F25488	JC 137	2,169.30	2,778.69	1,791.02	7/27/97	231.11
F25489	JC 138	2,453.38	3,142.58	2,025.56	7/27/97	261.38

FORM 9 ATTACHMENT**October 20, 1997****JC PROPERTY 96-97 ASSESSMENT FILING**

Claim Number	Claim Name	Acres	New Work	Existing Excess Credit Used (1995)	Next Due Date	Excess Credit (Deficit)
F25490	JC 139	322.3	412.84	266.10	7/27/97	34.34
F25491	JC 140	309.9	396.96	255.86	7/27/97	33.02
F25492	JC 141	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25493	JC 142	839.31	1,075.09	692.95	7/27/97	89.42
F25494	JC 143	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25495	JC 144	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F25496	JC 145	1,110.48	1,422.43	916.84	7/27/97	118.31
F27245	JC 146	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F27246	JC 147	1,110.48	1,422.43	916.84	7/27/97	118.31
F27247	JC 148	1,594.69	2,042.67	1,316.61	7/27/97	169.89
F27248	JC 149	1,110.48	1,422.43	916.84	7/27/97	118.31
F27249	JC 150	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F27250	JC 151	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F27251	JC 152	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F27252	JC 153	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F27253	JC 154	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F27254	JC 155	2,582.50	3,307.97	2,132.17	7/27/97	275.13
F27255	JC 156	2,406.89	3,083.03	1,987.18	7/27/97	256.42
F27331	JC 232	2,582.50	3,307.97		7/27/97	(1857.03)
F27332	JC 233	2,582.50	3,307.97		7/27/97	(1857.03)
F27334	JC 235	1,291.25	1,653.98		7/27/97	(928.52)
F27335	JC 236	1,291.25	1,653.98		7/27/97	(928.52)
F27336	JC 237	1,291.25	1,653.98		7/27/97	(928.52)
F27337	JC 238	1,291.25	1,653.98		7/27/97	(928.52)
F27338	JC 239	1,291.25	1,653.98		7/27/97	(928.52)
F27339	JC 240	1,291.25	1,653.98		7/27/97	(928.52)
F27340	JC 241	1,291.25	1,653.98		7/27/97	(928.52)
F27341	JC 242	1,291.25	1,653.98		7/27/97	(928.52)
164 Total Claims		332,113.74 Total Acres	425,410.15 Total Work Applied 96-97			(11,142.19) Cheque to Cover Deficit

► Submit in duplicate – Présenter en double exemplaire

Name of Claim Holder - Nom du détenteur de la claim Ashton Mining of Canada Inc./
Pure Gold Resources Inc./Benachee Resources Inc.

c/o Ashton Mining of Canada Inc.
Unit 123-930 West 1st Street,
North Vancouver, BC V7P 3N4

Prospector's Licence No
N° du permis de prospection
N31116
N30181 / N30748

[illegible]

Note: If insufficient space please attach a plain sheet - S'il n'y a pas suffisamment d'espace, veuillez annexer une autre feuille

☒ Other (Specify) Insufficient expenditure
Autre (préciser) to meet required committment.

To - Au
▶ 27/07/97

WLS

Date
Oct. 20/97

The time in which the required representation work is to be performed is extended to:
La période requise pour l'exécution des travaux obligatoires est prolongée jusqu'au

Guarantee Deposit Dépôt de garanti	General Receipt No N° du reçu	Fee ~ Droit	General Receipt No. N° du reçu
\$		\$	
Mining Recorder's Signature - Signature du Conservateur des registres miniers			Date

FORM 11 ATTACHMENT**October 20, 1997****LETTER OF CREDIT SCHEDULE****JC CLAIMS, NWT****1997-1998 ASSESSMENT PERIOD**

NAME	ACRES	TAG	RECORDING ANNIVERSARY		RECORDED TITLE	BONDS REQUIRED
			DATE	DATE		
JC 5	2,582.50	F25356	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 7	2,582.50	F25358	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 9	2,582.50	F25360	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 10	2,582.50	F25361	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 11	2,582.50	F25362	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 13	2,582.50	F25364	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 20	2,582.50	F25371	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 21	2,582.50	F25372	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 22	2,582.50	F25373	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 23	1,033.00	F25374	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	1,955.95
JC 24	2,582.50	F25375	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 27	2,582.50	F25378	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 37	2,582.50	F25388	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 38	2,582.50	F25389	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 40	2,582.50	F25391	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 41	1,033.00	F25392	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	1,955.95
JC 42	2,582.50	F25393	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 43	2,582.50	F25394	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 46	619.8	F25397	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	1,173.57
JC 47	2,582.50	F25398	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 48	2,582.50	F25399	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 50	2,582.50	F25401	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 58	2,582.50	F25409	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 59	2,582.50	F25410	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 60	2,582.50	F25411	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 61	2,582.50	F25412	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 62	2,582.50	F25413	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,889.87
JC 63	2,169.30	F25414	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,107.49
JC 64	1,549.50	F25415	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	2,933.92
JC 65	2,324.25	F25416	7/27/92	7/27/96	AMNWT/PUG/BENACHEE	4,400.88
30	70,708.85					133,884.53
<i>Total Claims Total Acres</i>						<i>Total Bonds Required</i>



LETTER OF CREDIT NO.: T-388108

***** DIRECT *****

APPLICANT:

ASHTON MINING OF CANADA INC.
UNIT 123- 930 WEST 1ST STREET
NORTH VANCOUVER, B.C.
V7R 3N4

BENEFICIARY:

RECEIVER GENERAL OF CANADA
C/O MINING RECORDER
P.O. BOX 1500
YELLOWKNIFE, N.W.T. X1A 2R3

AMOUNT: CAD133,884.64
(ONE HUNDRED THIRTY THREE THOUSAND
EIGHT HUNDRED EIGHTY FOUR AND 64
/100 CANADIAN DOLLARS)

DATE OF EXPIRY: NOVEMBER 27, 1998

RE. JC CLAIMS, NWT

WE, CANADIAN IMPERIAL BANK OF COMMERCE, TRADE FINANCE CENTRE, TORONTO, ONTARIO, HEREBY ISSUE IN FAVOUR OF THE RECEIVER GENERAL OF CANADA, C/O MINING RECORDER, P.O. BOX 1500, YELLOWKNIFE, N.W.T. X1A 2R3 OUR IRREVOCABLE STANDBY LETTER OF CREDIT FOR THE ABOVE-MENTIONED AMOUNT FOR ACCOUNT OF THE APPLICANT.

THIS STANDBY LETTER OF CREDIT IS AVAILABLE FOR PAYMENT AGAINST PRESENTATION TO CANADIAN IMPERIAL BANK OF COMMERCE, TRADE FINANCE CENTRE, COMMERCE COURT NORTH, 16TH FLOOR, 25 KING STREET WEST, TORONTO, ONTARIO M5L 1A2, OF YOUR DRAFT DRAWN AT SIGHT ON CANADIAN IMPERIAL BANK OF COMMERCE, TRADE FINANCE CENTRE, TORONTO, ONTARIO, MENTIONING OUR STANDBY LETTER OF CREDIT NO. T-388108 ACCOMPANIED BY YOUR SIGNED CERTIFICATE CERTIFYING THAT THE AMOUNT DRAWN UNDER THIS STANDBY LETTER OF CREDIT NO. T-388108 IS FOR EXPLORATION WORK TO MAINTAIN THE MINERAL CLAIMS LISTED IN THE SCHEDULE OF BONDED CLAIMS BELOW. YOUR CERTIFICATE MUST MENTION THE APPLICABLE CLAIM AND TAG NUMBERS FROM THE SCHEDULE OF BONDED CLAIMS BELOW FOR WHICH YOU ARE DRAWING HEREUNDER, AND THE AMOUNT OF YOUR DRAWING.

-CONTINUED-

T-388108- -001-L1-01-04-01





Canadian Imperial
Bank of Commerce
Banque Canadienne
Imériale de Commerce

TRADE FINANCE CENTRE
OCTOBER 10, 1997

PLACE AND DATE OF ISSUE / LIEU D'ÉMISSION ET DATE

2106C BIL 92/10

THIS PAGE FORMS AN INTEGRAL PART OF OUR LETTER OF CREDIT NO. T-388108

SCHEDULE OF BONDED CLAIMS
JC CLAIMS, NWT
=====

(1997-1998 ASSESSMENT PERIOD)

RECORDED TITLE: AMNWT/LTL/PUG

NAME	ACRES	TAG	RECORDING DATE	ANNIVERSARY DATE	BONDS REQUIRED
JC5	2,582.50	F25356	7/27/92	7/27/97	4,889.87
JC7	2,582.50	F25358	7/27/92	7/27/97	4,889.87
JC9	2,582.50	F25360	7/27/92	7/27/97	4,889.87
JC10	2,582.50	F25361	7/27/92	7/27/97	4,889.87
JC11	2,582.50	F25362	7/27/92	7/27/97	4,889.87
JC13	2,582.50	F25364	7/27/92	7/27/97	4,889.87
JC20	2,582.50	F25371	7/27/92	7/27/97	4,889.87
JC21	2,582.50	F25372	7/27/92	7/27/97	4,889.87
JC22	2,582.50	F25373	7/27/92	7/27/97	4,889.87
JC23	1,033.00	F25374	7/27/92	7/27/97	1,955.95
JC24	2,582.50	F25375	7/27/92	7/27/97	4,889.87
JC27	2,582.50	F25378	7/27/92	7/27/97	4,889.87
JC37	2,582.50	F25388	7/27/92	7/27/97	4,889.87
JC38	2,582.50	F25389	7/27/92	7/27/97	4,889.87
JC40	2,582.50	F25391	7/27/92	7/27/97	4,889.87
JC41	1,033.00	F25392	7/27/92	7/27/97	1,955.95
JC42	2,582.50	F25393	7/27/92	7/27/97	4,889.87
JC43	2,582.50	F25394	7/27/92	7/27/97	4,889.87
JC46	619.80	F25397	7/27/92	7/27/97	1,173.57
JC47	2,582.50	F25398	7/27/92	7/27/97	4,889.87
JC48	2,582.50	F25399	7/27/92	7/27/97	4,889.87
JC50	2,582.50	F25401	7/27/92	7/27/97	4,889.87
JC58	2,582.50	F25409	7/27/92	7/27/97	4,889.87
JC59	2,582.50	F25410	7/27/92	7/27/97	4,889.87
JC60	2,582.50	F25411	7/27/92	7/27/97	4,889.87
JC61	2,582.50	F25412	7/27/92	7/27/97	4,889.87
JC62	2,582.50	F25413	7/27/92	7/27/97	4,889.87
JC63	2,169.30	F25414	7/27/92	7/27/97	4,107.49
JC64	1,549.50	F25415	7/27/92	7/27/97	2,933.92
JC65	2,324.25	F25416	7/27/92	7/27/97	4,400.88
30	70,708.85				133,884.64
=====	=====				=====

ANY DRAFT DRAWN HEREUNDER MUST BE ACCOMPANIED BY THE ORIGINAL STANDBY LETTER OF CREDIT FOR ENDORSEMENT OF ANY PAYMENT THEREON.

THE AMOUNT OF THIS STANDBY LETTER OF CREDIT MAY ONLY BE REDUCED BY DRAWINGS PAID HEREUNDER AND/OR AS ADVISED BY NOTICE IN WRITING GIVEN TO US BY YOU.

THIS STANDBY LETTER OF CREDIT EXPIRES ON THE ABOVE-MENTIONED EXPIRY DATE.

THIS STANDBY LETTER OF CREDIT IS SUBJECT TO THE "UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY CREDITS (1993 REVISION) INTERNATIONAL CHAMBER OF COMMERCE, PUBLICATION NO. 500" AND ENGAGES US IN ACCORDANCE WITH THE TERMS THEREOF.

FOR CANADIAN IMPERIAL BANK OF COMMERCE

[Signature]

COUNTER SIGNATURE
T-388108-001-L1-01-04-01

[Signature]
AUTHORIZED SIGNATURE
L 315

APPENDIX B

PROJECT PERSONNEL AND WORK DATA

APPENDIX B

JC PROPERTY SUMMARY OF WORK PERFORMED AND PROJECT PERSONNEL

DESCRIPTION	DATE	LOCATION	PERFORMED BY
Sample Collection	August - September 1996	NWT	Ashton Geologists
Sample Processing	September 1996 - July 1997	North Vancouver	Ashton Laboratory Staff
Sample Observing	September 1996 - July 1997	North Vancouver	Ashton Mineralogists

1996-7 Ashton Exploration Staff

Andrew Berry
303 - 1338 Barclay St., Vancouver, BC, V6E 1H7

Ryan Donaldson
103 Jeske Crescent, Yellowknife, NWT X1A 3V3

Diana Primavesi
4694 West 8th Avenue, Vancouver, BC V6R 2A7

Michael Segelken
145 - 3300 Capilano Road, North Vancouver, BC V7R 4H8

Dave Skelton
126 West 12th Avenue, Vancouver, BC V5Y 1T7

Jeff Ward
3196 West 13th Ave., Vancouver, BC, V6K 2V3

John Wyse
Postal Service 9600, YK Centre, Yellowknife, NWT X1A 2R3

1996-7 Ashton Laboratory Managers

Jeff Brendon
1444 Riverside Dr., North Vancouver, BC V7H 1V5

Shawn Carlson
202 - 330 East 1st Street, North Vancouver, BC V7L 1B5

APPENDIX C

**CLAIM LOCATION PLAN
SCHEDULE OF CLAIMS**

SCHEDULE 96-97

JC PROPERTY, NWT

Claim	Tag #	NTS Sheet	Acres	Recording Date	Anniversary	Recorded Title
JC 1	F25352	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 2	F25353	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 3	F25354	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 4	F25355	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 5	F25356	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 6	F25357	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 7	F25358	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 8	F25359	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 9	F25360	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 10	F25361	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 11	F25362	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 12	F25363	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 13	F25364	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 14	F25365	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 15	F25366	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 16	F25367	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 17	F25368	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 18	F25369	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 19	F25370	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 20	F25371	076-E-07	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 21	F25372	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 22	F25373	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 23	F25374	076-E-06	1,033.00	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 24	F25375	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 25	F25376	076-E-06	774.75	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 26	F25377	076-E-06	516.5	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 27	F25378	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 28	F25379	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 29	F25380	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 30	F25381	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 31	F25382	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 32	F25383	076-E-05	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 33	F25384	076-E-05	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 34	F25385	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 35	F25386	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 36	F25387	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 37	F25388	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 38	F25389	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 39	F25390	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 40	F25391	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 41	F25392	076-E-06	1,033.00	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 42	F25393	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 43	F25394	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 44	F25395	076-E-06	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 45	F25396	076-E-06	1,549.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 46	F25397	076-E-06	619.8	27/07/92	27/07/97	AMNWT/PUG/BENACHEE

SCHEDULE 96-97

JC PROPERTY, NWT

Claim	Tag #	NTS		Recording		Anniversary	Recorded Title
		Sheet	Acres	Date			
JC 47	F25398	076-E-06	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 48	F25399	076-E-06	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 49	F25400	076-E-06	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 50	F25401	076-E-06	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 51	F25402	076-E-06	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 52	F25403	076-E-06	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 53	F25404	076-E-06	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 54	F25405	076-E-05	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 55	F25406	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 56	F25407	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 57	F25408	076-E-06	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 58	F25409	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 59	F25410	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 60	F25411	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 61	F25412	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 62	F25413	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 63	F25414	076-E-11	2,169.30	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 64	F25415	076-E-11	1,549.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 65	F25416	076-E-11	2,324.25	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 66	F25417	076-E-11	2,324.25	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 67	F25418	076-E-11	2,530.85	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 68	F25419	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 69	F25420	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 70	F25421	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 71	F25422	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 72	F25423	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 73	F25424	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 74	F25425	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 75	F25426	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 76	F25427	076-E-11	2,066.00	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 77	F25428	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 78	F25429	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 79	F25430	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 80	F25431	076-E-11	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 81	F25432	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 82	F25433	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 83	F25434	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 84	F25435	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 85	F25436	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 86	F25437	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 87	F25438	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 88	F25439	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 89	F25440	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 90	F25441	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 91	F25442	076-E-12	568.15	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 92	F25443	076-E-12	568.15	27/07/92		27/07/97	AMNWT/PUG/BENACHEE

SCHEDULE 96-97

JC PROPERTY, NWT

Claim	Tag #	NTS		Recording		Anniversary	Recorded Title
		Sheet	Acres	Date			
JC 93	F25444	076-E-12	568.15	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 94	F25445	076-E-12	568.15	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 95	F25446	076-E-12	387.38	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 96	F25447	076-E-12	1,291.25	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 97	F25448	076-E-12	433.86	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 98	F25449	076-E-12	1,291.25	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 99	F25450	076-E-12	1,998.86	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 100	F25451	076-E-12	1,291.25	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 101	F25452	076-E-12	593.98	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 102	F25453	076-E-12	619.8	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 103	F25454	076-E-12	439.03	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 104	F25455	076-E-12	2,582.50	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 105	F25456	076-E-12	1,678.63	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 106	F25457	076-E-12	1,678.63	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 107	F25458	076-E-12	297.5	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 108	F25459	076-E-12	1,033.00	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 109	F25460	076-E-12	1,033.00	27/07/92		27/07/97	PUG/BENACHEE
JC 110	F25461	076-E-12	1,033.00	27/07/92		27/07/97	PUG/BENACHEE
JC 111	F25462	076-E-12	193.69	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 112	F25463	076-E-12	1,394.55	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 113	F25464	076-E-12	1,394.55	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 114	F25465	076-E-12	1,394.55	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 115	F25466	076-E-12	1,313.98	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 116	F25467	076-E-12	2,324.25	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 117	F25468	076-E-12	1,368.73	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 118	F25469	076-E-12	1,936.88	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 119	F25470	076-E-12	1,936.88	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 120	F25471	076-E-12	1,936.88	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 121	F25472	076-E-12	1,936.88	27/07/92		27/07/97	PUG/BENACHEE
JC 122	F25473	076-E-12	1,936.88	27/07/92		27/07/97	PUG/BENACHEE
JC 123	F25474	076-E-12	1,936.88	27/07/92		27/07/97	PUG/BENACHEE
JC 124	F25475	076-E-12	1,936.88	27/07/92		27/07/97	PUG/BENACHEE
JC 125	F25476	076-E-12	1,936.88	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 126	F25477	076-E-12	1,936.88	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 127	F25478	076-E-12	1,936.88	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 128	F25479	076-E-12	593.98	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 129	F25480	076-E-12	445.48	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 130	F25481	076-E-12	552.14	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 131	F25482	076-E-12	1,717.36	27/07/92		27/07/97	PUG/BENACHEE
JC 132	F25483	076-E-12	1,807.75	27/07/92		27/07/97	PUG/BENACHEE
JC 133	F25484	076-E-12	1,807.75	27/07/92		27/07/97	PUG/BENACHEE
JC 134	F25485	076-E-12	1,807.75	27/07/92		27/07/97	PUG/BENACHEE
JC 137	F25488	076-E-12	2,169.30	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 138	F25489	076-E-12	2,453.38	27/07/92		27/07/97	AMNWT/PUG/BENACHEE
JC 139	F25490	076-E-12	322.3	27/07/92		27/07/97	AMNWT/PUG/BENACHEE

JC PROPERTY, NWT

Claim	Tag #	NTS		Recording		Recorded Title
		Sheet	Acres	Date	Anniversary	
JC 140	F25491	076-E-12	309.9	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 141	F25492	076-E-12	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 142	F25493	076-E-12	839.31	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 143	F25494	076-E-12	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 144	F25495	076-E-12	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 145	F25496	076-E-12	1,110.48	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 146	F27245	076-E-12	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 147	F27246	076-E-12	1,110.48	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 148	F27247	076-E-12	1,594.69	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 149	F27248	076-E-12	1,110.48	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 150	F27249	076-E-12	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 151	F27250	076-E-05	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 152	F27251	076-E-05	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 153	F27252	076-E-05	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 154	F27253	076-E-05	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 155	F27254	076-E-05	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 156	F27255	076-E-05	2,406.89	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 232	F27331	086-H-09	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 233	F27332	086-H-09	2,582.50	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 235	F27334	086-H-09	1,291.25	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 236	F27335	086-H-09	1,291.25	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 237	F27336	086-H-09	1,291.25	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 238	F27337	086-H-09	1,291.25	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 239	F27338	086-H-09	1,291.25	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 240	F27339	086-H-09	1,291.25	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 241	F27340	086-H-09	1,291.25	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
JC 242	F27341	086-H-09	1,291.25	27/07/92	27/07/97	AMNWT/PUG/BENACHEE
164			332,113.74			
Total			Total Acres			
Claims						

APPENDIX D

SAMPLE LOCATIONS AND RESULTS
(INCLUDES TABLES AND MAPS)

AP63 Sample Description Table

SAMPLE_NO	TYPE	ZO	EAST	NORTH	TOPOG	DATE
AP63-0001	DRY TILL	12	464714	7260600	L-M/R, T PLN BTWN LK SHR	7/29/96
AP63-0002	DRY TILL	12	464685	7260414	L-M/R, T PLN BTWN LKSHR&OC	7/29/96
AP63-0003	TILL	12	464628	7260600	APX 100M STH OF AP63-0004	7/29/96
AP63-0004	TILL	12	464657	7260714	L-M/R, LW HLS W T CVR, M-OC	7/29/96
AP63-0005	DRY TILL	12	464785	7260614	L-M/RR, T PLN BTWN LKSH, OC	7/29/96
AP63-0006	DRY TILL	12	464742	7260814		7/29/96
AP63-0007	DRY TILL	12	464771	7261000	L-M/R, T PLN BTWN LKSH&OC	7/29/96
AP63-0008	TILL	12	464614	7260814	PTND T PLN ON HILL TOP	7/29/96
AP63-0009	BOIL	12	464828	7260643	17632-50M S OF LYTN 17632	7/29/96
AP63-0010	SHLN T	12	464843	7260685	T PLN BTWN LKSHR&OC HI	7/29/96
AP63-0011	SHLN T	12	464885	7260757	75M DWN SHLN, RCKY SH, T	7/29/96
AP63-0012	FST BOIL	12	464800	7260514	L-M/R, T PLN BTWN LKSH&OC	7/29/96
AP63-0013	BOIL	12	465500	7260257	L-M/R, LG HLS W T CVR, M OC	7/29/96
AP63-0014	BOIL	12	465671	7260343	L-M REL, SEE AP63-0013	7/29/96
AP63-0015	BOIL	12	465714	7260443	SAME AS AP63-0013	7/29/96
AP63-0016	FST BOIL	12	465657	7260543	L/R, T PLN, WEL DEV BOIL	7/29/96
AP63-0017	FST BOIL	12	473000	7291300	L/R, FLT TNDRA, T CVR-NO OC	9/5/96
AP63-0018	DRY TILL	12	473650	7291700	L/R, M-OC, SWMPY LWS W BLDS	9/5/96
AP63-0019	FST BOIL	12	472700	7290825	L-R TNDRA, BLD SHRLN, ANG	9/5/96
AP63-0020	FST BOIL	12	471850	7289850	L/R, BLD T PLNS W SWMPY LW	9/5/96
AP63-0021	FST BOIL	12	472100	7290500	LOW RELIEF, BLD SHRLN	9/5/96
AP63-0022	FST B	12	471400	7289600	L/R, RCKY SHRLN, BLD T FLDS	9/5/96
AP63-0023	DRY TILL	12	471725	7288400	THCK T CVR-NO OC, SMTH HLS	9/5/96
AP63-0024	FST BOIL	12	471300	7287700	L/R, SNDY/RCKY SHRLN, OC HI	9/5/96
AP63-0025	FST BOIL	12	471050	7287300	LW HLS, THCK T CVR, NO OC	9/5/96
AP63-0026	FST BOIL	12	470675	7286650	L-M/R, SM LK, BLD T FLDS	9/6/96
AP63-0027	DRY TILL	12	470275	7286250	L/R, THCK T CVR, SMTH PLN	9/6/96
AP63-0028	DRY TILL	12	469750	7285750	L/R, SOM BRKN OC, BLD T FLD	9/6/96
AP63-0029	FST BOIL	12	469050	7285150	L/R, L HLS, THK T CVR, NO OC	9/6/96
AP63-0030	FST BOIL	12	468500	7285350	L/R, BRCKN OC HI, BLD T PLN	9/6/96
AP63-0031	FST BOIL	12	467900	7285000	LOW RELIEF, THICK TILL CVR	9/6/96
AP63-0032	FST BOIL	12	467000	7284700	L/R, BLD T FLDS, MIN OC	9/6/96
AP63-0033	FST BOIL	12	467500	7284750	L/R, SMTH T CVR HLS, BLD SH	9/6/96
AP63-0034	DRY TILL	12	466800	7284250	L-M/R, TOP OF LW TOPO HI	9/6/96
AP63-0035	FST BOIL	12	467050	7283200	L/R, SLOPING T RND HLS	9/6/96
AP63-0036	FST BOIL	12	466050	7283300	LW, REL, NO OC, BLD T FLD	9/6/96
AP63-0037	FST BOIL	12	466200	7282400	LW REL, THICK TILL COVER	9/6/96
AP63-0038	FST BOIL	12	465150	7281400	L/R, BRCKN OC, BLDRS TILLS	9/6/96
AP63-0039	DRY TILL	12	465050	7280900	LOW RELIEF, THICK TILL	9/6/96
AP63-0040	DRY TILL	12	464400	7280600	L/R, NO OC, SWMPY LWS, BLD T	9/6/96
AP63-0041	FST BOIL	12	463850	7280300	LOW RELIEF, THICK TILL CVR	9/6/96
AP63-0042	FST BOIL	12	463750	7279600	LOW/REL, NO OC, BLD T PLN	9/6/96
AP63-0043	FST BOIL	12	463700	7278800	L/R, THICK TILL&SMTH HLS	9/6/96
AP63-0044	FST BOIL	12	463400	7278350	L/R, NO OC OR HI'S, BLD T F	9/6/96
AP63-0045	DRY TILL	12	462750	7278200	LOW REL, ESKERS TO SOUTH	9/6/96
AP63-0046	SHRLN T	12	461400	7277450	L-M/R, NO OC, MCH GF ACT	9/6/96
AP63-0047	DRY TILL	12	462175	7277850	L/R, E IN AREA, THCK T, OC	9/6/96
AP63-0048	FST BOIL	12	460900	7276950	L/R, SOME BRKN OC, BLD T PL	9/6/96
AP63-0049	FST BOIL	12	461500	7257700	L/R, NO OC, BLD T PLN TNDRA	9/6/96

AP63 Sample Description Table

SAMPLE_NO	TYPE	ZO	EAST	NORTH	TOPOG	DATE
AP63-0050	FRS BOIL	12	460700	7275700	L/REL, T PLN, SLPNG HLS	9/6/96
AP63-0051	FRS BOIL	12	460900	7274800	L/R, MIN OC, BLD T PLN TNDR	9/6/96
AP63-0052	FRS BOIL	12	460700	7274450	LW SLOPNG HLS, THCK TILL	9/6/96
AP63-0053	FRS BOIL	12	460900	7273850	L/R, NO OC, BLDS, T PLN TNDR	9/6/96
AP63-0054	DRY TILL	12	459750	7273700	L/R, THCK T ON SLPNG HLS	9/6/96
AP63-0055	FST B	12	459400	7273600	L-M/R, OC HI, BLD T PLN TND	9/6/96
AP63-0056	FST BOIL	12	461150	7269800	L/R, OC-N, T-S, THCK LCL T	9/6/96
AP63-0057	FST BOIL	12	460400	7269600	L/REL, BLDRS TILL PLAINS	9/6/96
AP63-0058	FST BOIL	12	460200	7269100	LW REL, ANG BLDRS LOCALLY	9/7/96
AP63-0059	FST BOIL	12	459775	7268750	L/R, RCKY SHLN, BLD T PLN	9/7/96
AP63-0060	FST BOIL	12	459525	7268375	L/R, THCK T, SMTH SLPNG HLS	9/7/96
AP63-0061	FST BOIL	12	459450	7267900	LW REL, BRKN OC ON OPP SHR	9/7/96
AP63-0062	FST BOIL	12	459175	7267500	L/R, SMTH GNTLY SLPNG HLS	9/7/96
AP63-0063	FST BOIL	12	458750	7267100	L/R, SOM BRKN OC.	9/7/96
AP63-0064	FST BOIL	12	458400	7266700	L/R, THCK T, LCL LTS RND BL	9/7/96
AP63-0065	FST BOIL	12	458525	7266175	L/R, MORE OC(25%)GF ACT	9/7/96
AP63-0066	FST BOIL	12	458200	7265625	L/R, FEW OC KNBS ON HILLS	9/7/96
AP63-0067	FST BOIL	12	457725	7265100	LW/REL, 30% OC, ROCKY SHRLN	9/7/96
AP63-0068	FST BOIL	12	457100	7264525	L/R, OC TO S, FW LCL OC'S	9/7/96
AP63-0069	FST BOIL	12	457125	7264200	L-M/R, T PLN SURFC TO LK	9/7/96
AP63-0070	FST BOIL	12	457600	7263975	L-M/REL, GNTLY SLPNG HLS	9/7/96
AP63-0071	FST BOIL	12	458100	7263700	L-M/R, MOD OC, THNNR T CVR	9/7/96
AP63-0072	FST BOIL	12	458750	7262850	L/R, UNEVEN HLS, BLD TO 2M	9/7/96
AP63-0073	FST BOIL	12	459150	7262075	L-M/R, OC HLS, BLD T PLNS	9/7/96
AP63-0074	FST BOIL	12	459600	7261375	L/R, THCK T, GNTLY SLPNG HL	9/7/96
AP63-0075	SHLN TIL	12	459650	7260700	L-M/R, T SLPNG OFF OC HI	9/7/96
AP63-0076	SHLN TIL	12	459200	7259800	SHR OF LG LK, LW OC HLS	9/7/96
AP63-0077	FST BOIL	12	469450	7259925	L/R, BRKN OC PILE, BLD T PL	9/7/96
AP63-0078	DRY TILL	12	469100	7260575	SND TO N&S, E&BCH, T PRES	9/7/96
AP63-0079	SHRLN T	12	469600	7260900	L/R, LOTS GF ACT, LOTS SAND	9/7/96
AP63-0080	FST BOIL	12	470075	7261550	L/R, LCL BLD CVR HLS, OC	9/7/96
AP63-0081	SHRLN T	12	469875	7262100	L-M/R, RCKY T PLNS, GF ACT	9/7/96
AP63-0082	FST BOIL	12	469450	7263125	L/R, SOME BLDRS ON LW HLS	9/7/96
AP63-0083	FST BOIL	12	469350	7263650	L-M/R, OC HI(15%)BLD T PLN	9/7/96
AP63-0084	FST BOIL	12	470100	7263925	BLDRS&T, SOM OC ON ISLAND	9/7/96
AP63-0085	FST BOIL	12	470650	7264400	L/R, M-OC, BLD TNDRA, THCK T	9/7/96
AP63-0086	FST BOIL	12	470200	7265100	L/R, THCK T CVR, SND	9/7/96
AP63-0087	FST BOIL	12	470700	7265650	L/R, T PLN, OC OPP SHR	9/7/96
AP63-0088	FST BOIL	12	471750	7265800	L/R, THCK T CVR, MOD OC	9/7/96
AP63-0089	FST BOIL	12	471450	7266500	L/R, M-BRKN OC, BLDRS T PLN	9/8/96
AP63-0090	FST BOIL	12	471475	7267200	L/R, T PLN, OC, SM E 100 N&S	9/8/96
AP63-0091	FST BOIL	12	471400	7267900	L/R, BLDS T PLN, NO OC, SM E	9/8/96
AP63-0092	FST BOIL	12	471550	7268475	L/R, T PLN, ESKER TO SOUTH	9/8/96
AP63-0093	FST BOIL	12	471650	7268900	L/R, NO OC, BLDRS TILL PLNS	9/8/96
AP63-0094	FST BOIL	12	472150	7269300	L/R, T PLN, GNTL SLPNG HLS	9/8/96
AP63-0095	FST BOIL	12	472550	7269700	L-M/R, MIN OC, BLDRS T FLDS	9/8/96
AP63-0096	FST BOIL	12	473100	7269825	L/RELIEF, THICK TILL PLAIN	9/8/96
AP63-0097	FST BOIL	12	473650	7270250	L/R, BLDS T FLDS, RCKY SHLN	9/8/96
AP63-0098	FST BOIL	12	474275	7270500	L/R, T PLN, SMTH HLS, THCK T	9/8/96

AP63 Sample Description Table

SAMPLE_NO	TYPE	ZO	EAST	NORTH	TOPOG	DATE
AP63-0099	FST BOIL	12	474225	7271125	L/REL,MIN OC,BLDRS T FLDS	9/8/96
AP63-0100	FST BOIL	12	474850	7271475	L/R,T PLN,GNTLY SLPNG HLS	9/8/96
AP63-0101	FST BOIL	12	475500	7271650	L/R,OC RCG OTHR SD,THK T	9/8/96
AP63-0102	DRY TILL	12	475775	7272150	L/R,T PLN,LGE TO N,SN DY	9/8/96
AP63-0103	SHLN TIL	12	476400	7272500	L/R,BLD TNDRA W THCK T CV	9/8/96
AP63-0104	FST BOIL	12	476175	7273200	L/REL,THICK TILL PLAIN	9/8/96
AP63-0105	FST BOIL	12	476175	7273950	L/R,NO OC,BLD T PLN,ANG B	9/8/96
AP63-0106	FST BOIL	12	476400	7274375	L/RELO,THICK TILL PLAIN	9/8/96
AP63-0107	FST BOIL	12	477125	7274450	L/R,NO OC,BLDRS T PLNS	9/8/96
AP63-0108	FST BOIL	12	477350	7274868	L/R,THCK T PLN,SOM BLD PT	9/8/96
AP63-0109	FST BOIL	12	477400	7275375	L/R,SOM BRKN OC,THCK T CV	9/8/96
AP63-0110	SHLN TIL	12	478200	7275600	L/R AT END OF LK,ANG BLD	9/8/96
AP63-0111	FST BOIL	12	478400	7276150	L/R,SOM BRKN OC,BLD T FLD	9/8/96
AP63-0112	FST BOIL	12	477950	7276980	L/R,THCK T CVR,SOM BLD HL	9/8/96
AP63-0113	FST BOIL	12	478800	7277450	L/R,BLDRS T PLNS,NO OC	9/8/96
AP63-0114	FST BOIL	12	478400	7278100	L/R,THCK T PLN,ANG BLD F	9/8/96
AP63-0115	FST BOIL	12	478500	7278550	LOW REL,MIN OC,TILL PLNS	9/8/96
AP63-0116	FST BOIL	12	478575	7279100	L/R,THCK T PLN,FEW BLDRS	9/8/96
AP63-0117	FST BOIL	12	478700	7279550	L/R,MIN OC 1%,BLDRS T PLN	9/8/96
AP63-0118	FST BOIL	12	478775	7280200	L/R,THCK T,SOM T ON LKSHR	9/8/96
AP63-0119	FST BOIL	12	479325	7280700	LOW/REL,BARREN TUNDRA	9/8/96
AP63-0120	FST BOIL	12	479650	7281050	LOW,ROUNDED,T CVRD HILLS	9/8/96
AP63-0121	FST BOIL	12	480075	7281450	L/R,SM OC,TNDRA,TNDRA...	9/8/96
AP63-0122	FST BOIL	12	479800	7282450	L/REL,T PLAIN,FLAT TNDRA	9/8/96
AP63-0123	FST BOIL	12	480475	7282500	L/R,MIN OC HI'S,THCK T CV	9/8/96
AP63-0124	FST BOIL	12	481175	7282900	LOW RELIEF,TILL PLAIN	9/8/96
AP63-0125	FST BOIL	12	481575	7283300	L/R,MIN OC,BLDRS T PLNS	9/8/96
AP63-0126	FST BOIL	12	477075	7250425	L/R-N,THCK T,OC HL,LG E	9/9/96
AP63-0127	FST BOIL	12	478950	7250975	L/R,MIN OC,BLDS T FLDS,GF	9/9/96
AP63-0128	SHLN T	12	478525	7252150	L/R,THCK T PLN,SN TO N	9/9/96
AP63-0129	FST BOIL	12	478050	7252950	L/R,15%OC,LG E ACRS LK,GF	9/9/96
AP63-0130	FST BOIL	12	480100	7254800	L/R,THCK T,RND OC HL(E)	9/9/96
AP63-0131	FST BOIL	12	480150	7256100	L/R,MIN OC,THCK T CVR,BLD	9/9/96
AP63-0132	FST BOIL	12	480250	7257500	L/R,ANG BLD PILE LCL,OC T	9/9/96
AP63-0133	FST BOIL	12	479975	7258750	L/R,MIN OC,BLDRS T FLD	9/9/96
AP63-0134	FST BOIL	12	480300	7259850	L/R,FEW OC HLS,THCK T	9/9/96
AP63-0135	FST BOIL	12	480400	7260850	L/R,LG E TO S,BRKN OC	9/9/96
AP63-0136	FST BOIL	12	480750	7261650	L/R,THCK T,FLT,SN-D-GF-S	9/9/96
AP63-0137	FST BOIL	12	481050	7262800	L/REL,BLDRS T PLNS	9/9/96
AP63-0138	FST BOIL	12	481875	7263525	L/REL,FLT THCK T CVR	9/9/96
AP63-0139	FST BOIL	12	482800	7264300	L/R,M-OC,BLD FLDS,THCK T	9/9/96
AP63-0140	FST BOIL	12	482600	7265300	L/R,SMTH-LW HLS,MIN-OC	9/9/96
AP63-0141	FST BOIL	12	483700	7266200	L/R,NO OC,RCKY T PLNS	9/9/96
AP63-0142	FST BOIL	12	483700	7267225	L/R,FLT T PLN,SOM BLDS	9/9/96
AP63-0143	FST BOIL	12	484100	7268950	L/R,BOGGY SHLN,RCKY T PLN	9/9/96
AP63-0144	SHLN DRY	12	484450	7270600	L/R,TILL PLN,HI ENG SHRLN	9/9/96
AP63-0145	FST BOIL	12	484700	7271950	L/REL,BLD PLNS W THN T CV	9/9/96
AP63-0146	FST BOIL	12	486700	7272500	L/REL,FLAT TILL PLAIN	9/9/96
AP63-0147	FST BOIL	12	487550	7273475	L/R,BLDRS T FLDS.	9/9/96

AP63 Sample Description Table

SAMPLE_NO	TYPE	ZO	EAST	NORTH	TOPOG	DATE
AP63-0148	FST BOIL	12	488700	7274850	FLAT T PLAIN, ONE OC HILL	9/9/96
AP63-0149	SHLN TIL	12	464725	7261300	L/REL, MIN OC, BLDRS T PLNS	9/10/96
AP63-0150	FST BOIL	12	464600	7262350	L/R, W OC, POS A OC TRAP B?	9/11/96
AP63-0151	FST BOIL	12	464825	7262900	L/R, MIN OC 5%, BLDRS T FLD	9/10/96
AP63-0152	FST BOIL	12	464725	7263975	L/REL, NEAR BOULDER FIELD	9/10/96
AP63-0153	FST BOIL	12	464550	7264650	L/REL, MIN OC, BLDRS T FLDS	9/10/96
AP63-0154	FST BOIL	12	464000	7265500	L/REL, GOOD BOIL DEV	9/11/96
AP63-0155	FST BOIL	12	464100	7266175	L/R, M-OC, BLD FLDS, RCKY TN	9/10/96
AP63-0156	FST BOIL	12	464525	7266825	LOW RELIEF TO MOD	9/11/96
AP63-0157	FST BOIL	12	464500	7267450	L/R, MIN OC, RCKY T PLNS	9/10/96
AP63-0158	FST BOIL	12	464525	7268250	LOW RELIEF-MOD	9/11/96
AP63-0159	SHLN TIL	12	465000	7269150	L/R, SOME OC HI'S CRSS LK,	9/10/96
AP63-0160	FST BOIL	12	465375	7270600	LOW RELIEF	9/11/96
AP63-0161	FST BOIL	12	464875	7271575	L/R, SOM OC HI'S, BLD FLDS,	9/10/96
AP63-0162	FST BOIL	12	465600	7272300	LOW-MOD LOW RELIEF	9/11/96
AP63-0163	FST BOIL	12	465500	7273000	L/R, NO OC, BLDRS TILL FLD	9/10/96
AP63-0164	FST BOIL	12	466225	7273750	LOW RELIEF	9/11/96
AP63-0165	ESKER	12	466625	7274500	L/REL, LONG WEL DEF ESKER	9/10/96
AP63-0166	FST BOIL	12	467200	7275200	LOW TO MOD LOW RELIEF	9/11/96
AP63-0167	FST BOIL	12	468525	7275450	L/R, NO OC, TILL PLNS W BLD	9/10/96
AP63-0168	FST BOIL	12	468300	7276700	LOW-MOD RELIEF TILL SLIDE	9/11/96
AP63-0169	FST BOIL	12	468850	7277500	L/R, DISNT OC HI, THK BLD P	9/10/96
AP63-0170	FST BOIL	12	468725	7278400	LOW MED RELIEF	9/11/96
AP63-0171	FST BOIL	12	470100	7279000	L/R, NO OC, BLDRS TILL FLDS	9/10/96
AP63-0172		12	469750	7279850	LOW RELIEF	9/11/96
AP63-0173	FST BOIL	12	470400	7280600	L/R, DSTNT OC HI, GF ACT.	9/10/96
AP63-0174	DRY TILL	12	471050	7281050	L/REL, THICK TILL, NO OC	9/11/96
AP63-0175	DRY TILL	12	471400	7281900	L/R, SMPL TKN ON SLP OF HL	9/12/96
AP63-0176	FST BOIL	12	472525	7281900	L/R, BLD T FLD, NO OC, GF	9/11/96
AP63-0177	FST BOIL	12	473300	7282500	LOW RELIEF	9/12/96
AP63-0178	FST BOIL	12	474175	7283050	LOW RELIEF	9/12/96
AP63-0179	FST BOIL	12	474550	7283750	L/R, BLD T PLN, NO OC, T CVR	9/11/96
AP63-0180	FST BOIL	12	474875	7284550	L/R, POSS GF&KAME NEARBY	9/12/96
AP63-0181	SHLN TILL	12	474950	7285500	L/R, M-OC TO S, E/SND E LK	9/11/96
AP63-0182	FST BOIL	12	476000	7286400	LOW REL, LOW % OC	9/12/96
AP63-0183	FST BOIL	12	476300	7287050	L/R, OC ALNG W SHR, THCK T	9/11/96
AP63-0184	FST BOIL	12	476550	7287850	LOW-MOD RELIEF	9/12/96
AP63-0185	FST BOIL	12	488200	7281700	L/R, T PLNS W SOME BLDRS	9/11/96
AP63-0186	FST BOIL	12	485900	7281500	LOW RELIEF	9/12/96
AP63-0187	FST BOIL	12	485975	7280325	L/R, OC HI OPP SHR, T PLNS	9/11/96
AP63-0188	FST BOIL	12	485250	7279325	L/REL, LOW% OC, RND BLDRS	9/12/96
AP63-0189	FST BOIL	12	485300	7278775	L/R, M-OC, THCK T PLN W BLD	9/11/96
AP63-0190	FST BOIL	12	484800	7278200	L/R, GNTLY RLNG, SBRND BLDS	9/12/96
AP63-0191	FST BOIL	12	483950	7277650	L/R, MIN OC, BLDRS T PLN	9/11/96
AP63-0192	FST BOIL	12	482750	7276900	LOW RELIEF	9/12/96
AP63-0193	FST BOIL	12	482900	7276200	L/REL (SEE PREV 100 SMPLS)	9/11/96
AP63-0194	FST BOIL	12	482550	7275100	L-M REL, 100 FEET FROM OC	9/12/96
AP63-0195	FST BOIL	12	481900	7274200	L/REL, ANG BLDR SHRLN	9/11/96
AP63-0196	FST BOIL	12	481600	7273150	L-M REL	9/12/96

AP63 Sample Description Table

SAMPLE_NO	TYPE	ZO	EAST	NORTH	TOPOG	DATE
AP63-0197	FST BOIL	12	480800	7271850	L/R,NO OC,THCK T CVR	9/11/96
AP63-0198	FST BOIL	12	479500	7270500	LOW REL	9/12/96
AP63-0199	FST BOIL	12	479225	7269350	L/R,BRKN OC,THCK TILL CVR	9/11/96
AP63-0200	FST BOIL	12	479550	7268350	LOW TO MOD RELIEF	9/12/96
AP63-0201	SHRLN T	12	478450	7268025	L/R,SM BRKN OC HI,THK T C	9/11/96
AP63-0202	FST BOIL	12	478150	7267400	LOW RELIEF	9/12/96
AP63-0203	SHLN TIL	12	477550	7266750	L/R,NO OC,THICK T PLNS	9/11/96
AP63-0204	FST BOIL	12	477150	7266100	LOW RELIEF	9/12/96
AP63-0205	SHLN TIL	12	476975	7264850	L/R,RCKY T PLNS,OC CLFS	9/11/96
AP63-0206	FST BOIL	12	476600	7263550	L/REL,GNTLY RLNG HILLS	9/12/96
AP63-0207	SHLN T	12	475900	7262950	L/REL,MIN OC,THICK T PLNS	9/11/96
AP63-0208	FST BOIL	12	475300	7262200	LOW REL,MOD OC,GNTLY RLNG	9/12/96
AP63-0209	SHLN TIL	12	473700	7260600	L/R,LG OC CRSS LK,GF ACT	9/11/96
AP63-0210	FST BOIL	12	444375	7272950	L/R,BRKN OC,RCKY T PLNS	9/12/96
AP63-0211	FST BOIL	12	444800	7274000	L/REL,GNTLY RLNG,L-M OC	9/12/96
AP63-0212	FST BOIL	12	444850	7274700	L/REL,OC TO NRTH TUNRA T	9/12/96
AP63-0213	FST BOIL	12	445400	7275425	L-M/R,M-OC,GNTL RLNG HLS	9/12/96
AP63-0214	FST BOIL	12	444700	7275825	L/R,SOME OF,HMCKY TNDRA	9/12/96
AP63-0215	FST BOIL	12	445450	7276175	L-M/R,GNTLY RLNG HLS,M-OC	9/12/96
AP63-0216	FST BOIL	12	445975	7276500	M-BRKN OC,MRSHY SHLN,TNDR	9/12/96
AP63-0217	TILL	12	445925	7277125	L/R,FRM TOP OF HIL,LOW OC	9/12/96
AP63-0218	FST BOIL	12	446225	7278000	L/REL,MIN OC,RCKY T PLNS	9/12/96
AP63-0219	TILL	12	446250	7278850	M/R,FRM MID POINT OF HILL	9/12/96
AP63-0220	BOIL	12	446300	7279550	L/R,MIN OC,SM E ON OPP SH	9/12/96
AP63-0221	ESKER	12	446950	7280375	SM CRATER LK SRNDED BY E	9/12/96
AP63-0222	FST BOIL	12	447600	7280900	L-M REL,FROM HILL TOP LK	9/12/96
AP63-0223	FST BOIL	12	449325	7273300	L-M REL,OC HI'S IN DISTNC	9/12/96
AP63-0224	FST BOIL	12	449300	7274350	L-M RELIEF,MOD%OC	9/12/96
AP63-0225	FST BOIL	12	450050	7275300	LW-MED/REL,HIGH OC CLIFFS	9/12/96
AP63-0226	FST BOIL	12	450925	7276250	M/REL,MOD OC,POSS T SLIDE	9/12/96
AP63-0227	FST BOIL	12	452125	7277875	L-M REL,HIGH OC CLIFFS	9/12/96
AP63-0228	FST BOIL	12	452250	7279000	MOD REL.MOD-HIGH OC	9/12/96
AP63-0229	FST BOIL	12	452700	7279575	L-M REL,T PLNS,OC HIGH'S	9/12/96
AP63-0230	TILL	12	452375	7280950	L/REL,GNTLY ROLLING HILLS	9/12/96
AP63-0231	FST BOIL	12	452100	7281375	L/R,MIN OC,RCKY T PLNS	9/12/96
AP63-0232	FST BOIL	12	452500	7282425	L/R,OC RDG CRSS LK,T PLNS	9/12/96
AP63-0233	FST BOIL	12	452250	7283400	M/REL,M/OC,GNTLY RLNG HLS	9/12/96
AP63-0234	DRY TIL	12	452125	7283950	L/R,BRKN OC(MIN)RCKY T PL	9/12/96
AP63-0235	FST BOIL	12	452475	7284750	LOW-MOD REL BESIDE HILL	9/12/96
AP63-0236	FST BOIL	12	452700	7285400	BOULER FIELDS,MIN OC	9/12/96
AP63-0237	FST BOIL	12	453000	7286000	L/REL,GNTLY RLNG HILLS	9/12/96
AP63-0238	FST BOIL	12	452275	7286550	L/REL,T PLN TNDRA W BLDRS	9/12/96
AP63-0239	F.B ESKR	12	452600	7287675	MOD/REL,GF INFLUENCE	9/12/96
AP63-0240	BOIL(GF)	12	483810	7250750	L/R,FLT-LW T.LCL OC,SM E	9/12/96
AP63-0241	FST BOIL	12	484700	7251900	L/R,NO OC,RCKY SHLN,BLD T	9/13/96
AP63-0242	BOIL	12	485540	7252830	L/R,L PTND T PLN,MIN OC.	9/13/96
AP63-0243	FST BOIL	12	485380	7253600	LOW RELIEF,TILL PLAINS	9/13/96
AP63-0244	BOIL	12	485660	7254600	L/R,M-OC,LCL GF ACT-E	9/13/96
AP63-0245	FST BOIL	12	485610	7255470	L/R,T PLTU AT EDGE OF LK	9/13/96

AP63 Sample Description Table

SAMPLE_NO	TYPE	ZO	EAST	NORTH	TOPOG	DATE
AP63-0246	BOIL	12	486700	7256080	L/R,T PLNS,M-OC,LCL GF	9/13/96
AP63-0247	FST BOIL	12	486600	7257080	LOW REL,NO OC,TILL PLNS	9/13/96
AP63-0248	ESKER	12	486400	7258100	L/R,LG E SYS W FLT PTND T	9/13/96
AP63-0249	F. BOIL	12	486040	7259000	LW REL,ROCKY SHRLN,MIN OC	9/13/96
AP63-0250	TILL	12	449000	7276650	M/R,M-OC,LCL MIN GF ACT.	9/12/96
AP63-0251	TILL	12	449075	7276775	M/R,PTND T BTW M-H OC,GF	9/12/96
AP63-0252	TILL	12	448900	7276575	M/R,GRNTC KNBS W HI OC,T	9/12/96
AP63-0253	BOIL	12	448675	7276850	M/R,HI OC,MOD DPTH T'S	9/12/96
AP63-0254	BOIL	12	448500	7276675	M/R,LCL GF ACT,LG GRNTC K	9/12/96
AP63-0255	TILL(GF)	12	451650	7277000	L-M/R,PTND T PLNS,L-M OC,	9/12/96
AP63-0256	BOIL	12	451725	7276900	L-M/R,LCL GF,L-PTND T PLN	9/12/96
AP63-0257	BOIL	12	451150	7277300	L-M/R,LG GRNTC KNBS,T PLN	9/12/96
AP63-0258	BOIL	12	451100	7277075	L-M/R,LG GRNTC KNBS,PTN T	9/12/96
AP63-0259	BOIL	12	487050	7260030	L/R,T PLNS,M-OC,LCL GF.E	9/13/96
AP63-0260	F. BOIL	12	487000	7260860	L/REL,MIN OC,TILL PLAINS	9/13/96
AP63-0261	F. BOIL	12	487610	7261890	L/R,M-FLT OC,PTND T PLN	9/13/96
AP63-0262	F. BOIL	12	488400	7262790	L/REL,BRKN OC HI'S,T FLD	9/13/96
AP63-0263	BOIL	12	489030	7263500	L/R,MIN OC,MIN OC.BLD T'S	9/13/96
AP63-0264	F. BOIL	12	489810	7264660	L/REL,BLD FIELDS&T PLNS	9/13/96
AP63-0265	BOIL	12	489330	7265500	L/R,LCL GF ACT,LCL OC	9/13/96
AP63-0266	F. BOIL	12	489520	7266100	L/REL,NO OC,RCKY T FLDS	9/13/96
AP63-0267	BOIL	12	489960	7267120	L/R,FLT LYNG OC,LW LYNG T	9/13/96
AP63-0268	F. BOIL	12	490290	7268340	L/R,BRKN OC CRSS LK,BLD T	9/13/96
AP63-0269	BOIL	12	490160	7269320	L/R,PTND T PLNS,LCL SM OC	9/13/96
AP63-0270	F. BOIL	12	490830	7270110	L/R,HMCKY,RCKY TNDR PLN	9/13/96
AP63-0271	BOIL	12	490910	7271080	L/RE,PTND T,M-OC,T PLAINS	9/13/96
AP63-0272	F. BOIL	12	491210	7271720	L/R,BLDS TNDRA W THCK,T C	9/13/96
AP63-0273	BOIL	12	491840	7272830	L/R,T PLNS,M-OC,SOM GF	9/13/96
AP63-0274	F. BOIL	12	498190	7265000	L/R,SHR OF LG LK,BIG SURF	9/13/96
AP63-0275	F. BOIL	12	497380	7264810	L/R,HMCKY T PLNS W BLDRS	9/13/96
AP63-0276	BOIL GF	12	496640	7264210	L/R,T PLNS.LCL E SYS	9/13/96
AP63-0277	F. BOIL	12	494110	7263840	L/REL,ANG ROCKY SHRLN	9/13/96
AP63-0278	BOIL	12	493890	7262500	L/R,PTND BLD T PLNS,M-OC	9/13/96
AP63-0279	F. BOIL	12	493880	7261540	LW REL,MIN OC,RCKY T PLN	9/13/96
AP63-0280	BOIL	12	493360	7261260	L/R,PTND T PLNS,M-LCL OC	9/13/96
AP63-0281	F. BOIL	12	493110	7260480	L/R,HI OC CRSS LK,GF ACT	9/13/96
AP63-0282	BOIL	12	492880	7260150	L/R,PTND T PLNS,M-LCL OC	9/13/96
AP63-0283	F. BOIL	12	492700	7259620	L/REL, NO OC,BLDRS T PLNS	9/13/96
AP63-0284	BOIL	12	492480	7259310	L/R,PTD T PLNS,BLD T,M-OC	9/13/96
AP63-0285	F. BOIL	12	492040	7258780	L/R,SOME BRKN OC,T PLAINS	9/13/96
AP63-0286	BOIL(GF)	12	492740	7257540	L/REL,PTND T'S&BLD,MIN OC	9/13/96
AP63-0287	F. BOIL	12	492900	7256640	LW REL,NO OC,TILL PLAINS	9/13/96
AP63-0288	BOIL	12	491510	7256140	L/R,PTD T PLNS,LCL OC,E S	9/13/96
AP63-0289	F. BOIL	12	491310	7255460	LOW/REL,NO OC,NO ANYTHING	9/13/96
AP63-0290	TILL	12	490900	7254730	L/REL,LCL M-OC,PTND T PLN	9/13/96
AP63-0291	F. BOIL	12	490730	7253920	LOW/REL,RCKY SHRLN,T PLNS	9/13/96
AP63-0292	BOIL	12	490340	7253300	L/R,PTND T PLNS,LCL OC&GF	9/13/96
AP63-0293	BOIL	12	490200	7252560	L/R,MIN OC,BLD T PLNS(FLT	9/14/96
AP63-0294	FRST BOI	12	489250	7251810	L/R,NO OC,RCKY TILL PLAIN	9/14/96

AP63 Sample Description Table

SAMPLE_NO	TYPE	ZO	EAST	NORTH	TOPOG	DATE
AP63-0295	BOIL	12	488850	7250480	L/R,L/LYNG T PLNS,MIN OC,	9/14/96
AP63-0296	FRST BOI	12	492800	7251080	L/R,BKN OC HGH CRSS LK,TH	9/14/96
AP63-0297	FST BOIL	12	493800	7252100	L/R,MIN OC,THICK TILL COV	9/14/96
AP63-0298	TILL	12	493900	7252830	L-M/R,L/SLP,MIN OC,GF ACT	9/14/96
AP63-0299	FST BOIL	12	494190	7254000	L/R,OC RIDGE ON OPP SHRLN	9/14/96
AP63-0300	BOIL	12	495310	7255050	L/R,GF ACT TO S,L-M OC,BL	9/14/96
AP63-0301	DRY TILL	12	495470	7256400	L/R,PTRND GRND NXT TO SM	9/14/96
AP63-0302	TILL	12	496500	7257260	L/R,LG/L SLP T PLNS,MIN O	9/14/96
AP63-0303	DRY TILL	12	495770	7258820	LOW REL,GF ACTIVITY IN AR	9/14/96
AP63-0304	DRY TILL	12	495790	7258740	L/R,125M DWN LKSH(SE)FRM#	9/14/96
AP63-0305	TILL(GF)	12	495670	7258880	L/R,PROX GF ACT.HIGH OC.T	9/14/96
AP63-0306	TILL	12	495610	7258810	L/R,MIN OC,PROX GF ACT,T	9/14/96
AP63-0307	TILL	12	495700	7258960	L/R,GF SYS,BDRK&E&HMCKY K	9/14/96
AP63-0308	TILL	12	496730	7258580	L/R,LCL GF ,OC KMS,E'S...	9/14/96
AP63-0309	DRY TILL	12	496670	7258040	L/R,150-200M FRM SHLN-PTN	9/14/96
AP63-0310	SHRLN T	12	497010	7259200	L/R,SHR OF LG LK W BIG WA	9/14/96
AP63-0311	TILL(GF)	12	496120	7259770	L/R,GF ACT,BDRK KMS,E'S&S	9/14/96
AP63-0312	SHRLN T	12	496910	7260380	L/R,CLAST'R SBANG W MIN	9/14/96
AP63-0313	TILL	12	498060	7261000	L/R,OC HILS,LCL GF,FLT PT	9/14/96
AP63-0314	ALLUV SM	12	498520	7261740	L/REL,G/F ACT IN AREA,SND	9/14/96
AP63-0315	BOIL	12	499300	7262800	L/R,LCL GF ACT&MIN OC,T P	9/14/96
AP63-0316	FRST BOI	12	500050	7264740	L/RE/,NO OC,ROCKY T FLDS	9/14/96
AP63-0317	BOIL	12	507650	7266220	L/R,MIN OC,E SYS 2-3KM E,	9/14/96
AP63-0318	FST BOIL	12	506410	7265970	LOW RELIEF,NO OC,TILL PLA	9/14/96
AP63-0319	BOIL	12	505690	7264760	L/R,LW LYNG T PLNS,MIN OC	9/14/96
AP63-0320	FRST BOI	12	504460	7264300	LOW REL,NO OC,THICK TILL	9/14/96
AP63-0321	BOIL	12	504460	7263730	L/R,LW LYNG LG T PLNS,MIN	9/14/96
AP63-0322	FST BOIL	12	504080	7263110	LOW REL,NO OC,RCKY T PLNS	9/14/96
AP63-0323	BOIL	12	503560	7262410	L-M/R,LG L LYNG T FLDS,MN	9/14/96
AP63-0324	FST BOIL	12	502720	7261650	LOW REL,NO OC,BLDRS SHRLN	9/14/96
AP63-0325	TILL	12	502500	7260880	L-M/R,MIN OC,BLD TILL PLN	9/14/96
AP63-0326	DRY TILL	12	502220	7260150	L-REL,NO OC,BLDRS TILL PL	9/14/96
AP63-0327	BOIL	12	501700	7258900	L/R,MIN OC,LCL MIN GF ACT	9/14/96
AP63-0328	BOIL	12	452200	7288800	L-M/R,M-OC,LCL GF ACT,PTR	9/15/96
AP63-0329	F. BOIL	12	452850	7289500	MOD REL,40%OC,NICE TIL PL	9/15/96
AP63-0330	TILL	12	452300	7290600	L-M/R,M-OC'N RX,PTD T,LCL	9/15/96
AP63-0331	SHLN TIL	12	454350	7290660	L/R,30% OC TIL PLN,THIN T	9/15/96
AP63-0332	SHLN TIL	12	453250	7292150	L-M/R,SM MOD OC,LCL GF, T	9/15/96
AP63-0333	F. BOIL	12	455200	7292500	M-H/R,75%OC,HI CLIFS T SL	9/15/96
AP63-0334	BOIL	12	456220	7292575	L-M/R,MOD SZ RX,MOD OC,P-	9/15/96
AP63-0335	F. BOIL	12	457150	7293130	M-H/R,H-GRTC CLFS,POS T,H	9/15/96
AP63-0336	BOIL	12	457997	7292858	M/R,M-SZ OC KNBS,PTRND T'	9/15/96
AP63-0337	F. BOIL	12	459250	7292950	L-M/R,40-50%OC,THN T-POSS	9/15/96
AP63-0338	BOIL	12	460280	7292840	L-M/R,OC RDGS,T PLNS,MOD	9/15/96
AP63-0339	F. BOIL	12	461450	7292640	L-M REL,30% ROLLING HILLS	9/15/96
AP63-0340	BOIL	12	462910	7292920	L-M/R,LG TILL PLNS,MOD OC	9/15/96
AP63-0341	SHLN TIL	12	463690	7292450	LOW RELIEF,ANGULAR BOULDE	9/15/96
AP63-0342	SHLN BOI	12	464490	7293340	L-MREL,MOD OC,LCL GF ACT.	9/15/96
AP63-0343	F. BOIL	12	465625	7293425	L/R,GNTL RLNG HILS&T RND	9/15/96

AP63 Sample Description Table

SAMPLE_NO	TYPE	ZO	EAST	NORTH	TOPOG	DATE
AP63-0344	BOIL	12	466560	7293780	L-M/R,LW OC RDGS,M/OC,T P	9/15/96
AP63-0345	F. BOIL	12	467920	7293500	L/R,POS GF,SMPL TKN BSD K	9/15/96
AP63-0346	BOIL	12	468780	7293950	L/R,M/OC,T CVR,LW SM OC K	9/15/96
AP63-0347	F. BOIL	12	469800	7294400	L-M/R,20% OC,POS GF,G-RLN	9/15/96
AP63-0348	BOIL	12	471510	7293580	L/R,OC RDGS,THN T CVR,T P	9/15/96
AP63-0349	F. BOIL	12	472990	7292900	LOW/REL,40%OC,THIN TILL	9/15/96
AP63-0350	BOIL	12	474060	7292920	L/R,M-H/OC,THN T'S,L/OC K	9/15/96
AP63-0351	F. BOIL	12	474630	7293640	M/R,30-40%OC,SMPL TKN IN	9/15/96
AP63-0352	BOIL	12	475500	7294050	L-M/R,M-SZ OC KNBS,HGH OC	9/15/96
AP63-0353	F. BOIL	12	468000	7291350	LOW R,10%OC,GNTLY RLNG HI	9/15/96
AP63-0354	SHLN	12	467575	7290625	L/R,L-PTRN T'S,MOD OC,LCL	9/15/96
AP63-0355	TILL	12	466450	7289650	L/R,SMPL TKN IN DPRSN,10%	9/15/96
AP63-0356	F. BOIL	12	465700	7289000	L/R,PTD T,M-OC,DB DYK CRS	9/15/96
AP63-0357	F. BOIL	12	464500	7288475	M/REL,GNTLY RLNG HILS.30%	9/15/96
AP63-0358	F. BOIL	12	462275	7286800	L-M/R,THN T'S,GNTLY RLNG	9/15/96
AP63-0359	BOIL	12	463775	7287200	L/R,M LW LYNG OC,BLD T PL	9/15/96
AP63-0360	BOIL	12	461175	7285875	L/R,BLD T PLNS,M-OC,LCL O	9/15/96
AP63-0361	F. BOIL	12	459550	7285475	L/R,TKN W/IN 100M OF ESKE	9/15/96
AP63-0362	BOIL	12	458000	7284750	L/REL,SM-M OC,T'S,LOCAL G	9/15/96
AP63-0363	F. BOIL	12	457500	7283500	L/REL,20%OC,GNTLY RLNG HI	9/15/96
AP63-0364	BOIL	12	457300	7282725	L/R,L-LYNG OC,M-OC,BLD T'	9/15/96
AP63-0365	F. BOIL	12	457600	7281600	LOW RELIEF,FLAT,THIN TILL	9/15/96
AP63-0366	BOIL	12	456375	7281000	L/R,L-LYNG PTRND T'S,MIN	9/15/96
AP63-0367	F. BOIL	12	465200	7280325	LOW REL,VERY GNTLY RLNG	9/15/96
AP63-0368	TILL	12	455425	7279700	L-M/R,LCL E&KMS SYS,M-OC	9/15/96
AP63-0369	TILL	12	454400	7278850	L/R,M-OC,GNLY RLNG HLS,TH	9/15/96
AP63-0370	BIOL	12	454800	7277850	L/R,L-LYNG PTRND T PLNS,M	9/15/96
AP63-0371	F. BOIL	12	455100	7276875	LOW RELIEF,<1%OC,FLAT LYI	9/15/96
AP63-0372	BOIL	12	454725	7275850	L/R,SM OC KNBS,M-OC,L-LYN	9/15/96
AP63-0373	F. BOIL	12	454000	7275250	L-M/R,40%OC,POS GF,GNT RL	9/15/96
AP63-0374	BOIL	12	455575	7274025	L-M/R,MIN OC,LW SLP T PLN	9/15/96
AP63-0375	F. BOIL	12	461000	7291850	L REL,RCKY SHRLN,HMCKY GR	9/16/96
AP63-0376	F. BOIL	12	460592	7291008	L/R,M-OC,OC CLFS ALNG DPP	9/16/96
AP63-0377	F. BOIL	12	459850	7290850	L/R,T PLN SLMPG INTO LK,M	9/16/96
AP63-0378	F. BOIL	12	459325	7289700	L/R,T PLN-INTO LK BTWN OC	9/16/96
AP63-0379	F. BOIL	12	458650	7288950	L/R,MOD OC,RCKY SHRLN,T P	9/16/96
AP63-0380	F. BOIL	12	458100	7288320	LOW RELIEF	9/16/96
AP63-0381	F. BOIL	12	457275	7287575	L/R,MOD OC WRCKY T PLNS	9/16/96
AP63-0382	F. BOIL	12	456700	7286500	LOW REL,MOD OC,TILL PLAIN	9/16/96
AP63-0383	F. BOIL	12	455525	7285300	L/REL,MIN OC,RCKY TILL PL	9/16/96
AP63-0384	DRY TILL	12	455325	7286725	MOD REL,TOP OF OC HIGH PL	9/16/96
AP63-0385	F. BOIL	12	454900	7284075	LOW REL,MIN OC,TILL PLAIN	9/16/96
AP63-0386	F. BOIL	12	458175	7279175	L/R,RKY T PLNS,E INFL OPP	9/16/96
AP63-0387	F. BOIL	12	439850	7277500	L/R,NO OC,T PLNS,GF ACT A	9/18/96
AP63-0388	F. BOIL	12	440310	7278650	L REL,MIN OC,RCKY TILL PL	9/18/96
AP63-0389	F. BOIL	12	441000	7279125	L REL,MIN OC,THICK TILL C	9/18/96
AP63-0390	F. BOIL	12	442200	7279675	L/R,M-OC,TIP OF TRIANG PO	9/18/96
AP63-0391	F. BOIL	12	442675	7280375	L/REL,MOD OC,THICK TILL	9/18/96
AP63-0392	F. BOIL	12	443400	7280850	L/REL,MOD OC,ANG BLD SHRL	9/18/96

Friday, October 17, 1997

AP63 Sample Description Table

SAMPLE_NO	TYPE	ZO	EAST	NORTH	TOPOG	DATE
AP63-0393	F. BOIL	12	444150	7281500	L/REL,SOME OC,THCK T CVR	9/18/96
AP63-0394	F. BOIL	12	435950	7281150	L REL,MOD OC WITH THCK T	9/18/96
AP63-0395	F. BOIL	12	434700	7280425	LW REL,MOD OC,THCK TILL C	9/18/96
AP63-0396	F. BOIL	12	434200	7280025	L REL,MIN OC THICK TILL C	9/18/96
AP63-0397	F. BOIL	12	434000	7279300	LOW RELIEF,CONSIDERABLE O	9/18/96
AP63-0398	F. BOIL	12	433500	7278850	LO REL,CNSDRBL OC,TILL PL	9/18/96
AP63-0399	F. BOIL	12	432950	7278375	L/R,M-OC,T PLN SWPNG INTO	9/18/96
AP63-0400	F. BOIL	12	433100	7277800	LW REL,MIN OC,THICK TILL	9/18/96
AP63-0401	TILL	12	502180	7259560	L/R,L-LYNG PTND T PLNS,M-	9/19/96
AP63-0402	F. BOIL	12	501600	7258000	L REL,THCK BLDRS TILL FLD	9/19/96
AP63-0403	BOIL	12	501030	7257330	L/R,L-LYNG PTRND T'S,MIN	9/19/96
AP63-0404	SHLN TIL	12	500360	7256820	L/R, LONG PNT,NO OC,RCKY T	9/19/96
AP63-0405	BOIL	12	499770	7256100	L/R,L-LYNG BLD T PLNS,MIN	9/19/96
AP63-0406	DRY TILL	12	499170	7255610	L REL,MOD OC,ANG BLDR FLD	9/19/96
AP63-0407	BOIL	12	498520	7255240	L/R,L-LYNG PTRND T'S,MIN	9/19/96
AP63-0408	DRY TILL	12	498320	7254530	L/R,NO OC,THCK BLD TILL P	9/19/96
AP63-0409	TILL	12	498090	7253650	L/R,FLUV SNDS,M-OC,L-LYNG	9/19/96
AP63-0410	F. BOIL	12	498200	7253100	L REL,THICK T DOTTED W BL	9/19/96
AP63-0411	BOIL	12	497520	7252500	L/R,LCL RVR&FLUV ACT,MIN	9/19/96
AP63-0412	F. BOIL	12	496640	7251840	L/REL,SM RCKY(ANG BLD)BAY	9/19/96
AP63-0413	BOIL	12	496220	7251400	L/R,LW PTND T'S W BLD,M-O	9/19/96
AP63-0414	F. BOIL	12	495610	7250380	LW REL,MIN OC,RCKY TILL F	9/19/96
AP63-0415	BOIL	12	501170	7250700	L/R,L LYNG PTND T'S.MIN O	9/19/96
AP63-0416	F. BOIL	12	501200	7251950	L REL,MIN OC,BLDRS T PLNS	9/19/96
AP63-0417	BOIL	12	502790	7251100	L REL,LW LYNG PTRND TILLS	9/19/96
AP63-0418	F. BOIL	12	503050	7252325	L REL,MIN OC,BLDRS(ANG)SH	9/19/96
AP63-0419	BOIL	12	503250	7253090	L/R,M-OC,SM GF DEPO,PTND	9/19/96
AP63-0420	F. BOIL	12	502280	7253990	LOW RELIEF,MIN OC,THICK T	9/19/96
AP63-0421	TILL	12	502700	7255650	L/R,LW PTND BLD T'S,MIN O	9/19/96
AP63-0422	DRY TILL	12	504700	7250700	L REL,NO OC,VAST TNDRA T	9/19/96
AP63-0423	TILL	12	505210	7251453	L/R,LW LYNG PTRND T'S,MIN	9/19/96
AP63-0424	DRY TILL	12	504581	7252639	L/R,MOD OC,THN T CVR,LTS	9/19/96
AP63-0425	BOIL	12	504910	7253620	L/R,L LYNG T'S,LCL KAMS,M	9/19/96
AP63-0426	F BOIL	12	505290	7254900	L REL,NO OC,SWMPY SHRLN	9/19/96
AP63-0427	BOIL	12	505590	7255870	L/R,LW LYNG PTND T'S,MIN	9/19/96
AP63-0428	F BOIL	12	505750	7256880	L/R,RND BLD SHLN,THCK T P	9/19/96
AP63-0429	BOIL	12	505420	7258350	L/R,LW LYNG PTND T'S,MIN	9/19/96
AP63-0430	F BOIL	12	507210	7259300	L/REL,LG SWMPY LOW,MIN OC	9/19/96
AP63-0431	TILL	12	507710	7260050	L-M/R,M-OC,HLS ON PTND T	9/19/96
AP63-0432	DRY TILL	12	508090	7260690	L/R,T OFF N E OF LG OC HI	9/19/96
AP63-0433	BOIL	12	508760	7261490	L/R,LW LYNG PTND T'S,M-OC	9/19/96
AP63-0434	F. BOIL	12	509100	7261980	L/REL,MIN OC,MOD CARIBOD	9/19/96
AP63-0435	BOIL	12	509050	7262950	L/REL,PTND T PLNS,MIN OC	9/19/96
AP63-0436	F. BOIL	12	508710	7264330	L/REL,MOD OC(ALNG SHRLN)	9/17/96
AP63-0437	BOIL	12	510100	7264660	L/R,M-OC,L-LYNG BLD T PLN	9/19/96
AP63-0438	F. BOIL	12	511210	7265500	L/R,MOD OC,SPRSY CARIBOD	9/19/96
AP63-0439	ESKER	12	512260	7265600	L/R,LW T,M SZ E SYS,H-OC	9/19/96
AP63-0440	F. BOIL	12	513600	7265575	SM ISLND IN LK,NO OC,T CV	9/19/96
AP63-0441	BOIL	12	514810	7265680	L/R,FLT-L PTND T'S,MIN OC	9/19/96

AP63 Sample Description Table

SAMPLE_NO	TYPE	ZO	EAST	NORTH	TOPOG	DATE
AP63-0442	F. BOIL	12	516750	7265600	L/REL,SM ISLN IN LK,NO OC	9/19/96
AP63-0443	BOIL	12	517700	7263900	L/R,LW PTND T PLNS,MIN OC	9/19/96
AP63-0444	F. BOIL	12	517600	7263100	L-REL,MOD OC,SWMPY SHRLN	9/19/96
AP63-0445	BOIL	12	517350	7261100	L/R,LCL GF,E SYS,THN T	9/19/96
AP63-0446	F BOIL	12	516890	7260400	L/R,NO OC,TNDRA TILL FLDS	9/19/96
AP63-0447	BOIL/GF	12	516060	7259220	L-M REL,LG EXTNSV E SYS&K	9/19/96
AP63-0448	F. BOIL	12	516310	7258320	L/R,RCKY T PLNS,FLD SHRLN	9/19/96
AP63-0449	BOIL/GF	12	463200	7283275	L/R,PTRN BLD T CVR,M-OC,E	9/20/96
AP63-0450	BOIL	12	462325	7282425	L-M/R,LG HLS,T CVR,LCL GF	9/20/96
AP63-0451	BOIL	12	461425	7281650	L-M/R,LG HLS W T CVR,M-OC	9/20/96
AP63-0452	TILL	12	460600	7280725	L/R,LG BLD T PLNS,MIN OC	9/20/96
AP63-0453	TILL	12	459700	7279950	L/R,LG BLD T PLNS,MIN OC	9/20/96
AP63-0454	BOIL/GF	12	457325	7278650	L/R,L PTND T'S.GF SYS,E&K	9/20/96
AP63-0455	BOIL	12	457225	7277800	L/R,PTND BLD T'S,MIN OC	9/20/96
AP63-0456	TILL	12	457300	7276850	L-M/R,LG PTND T,MIN OC	9/20/96
AP63-0457	BOIL	12	457500	7276000	L/R,L PTND T PLNS.M-OC	9/20/96
AP63-0458	BOIL	12	456700	7274900	L-MOD REL,LW T'S,MOD OC	9/20/96
AP63-0459	BOIL	12	438350	7280250	L-M/R,LCL GF,HGH OC,PTD T	9/21/96
AP63-0460	BOIL	12	438300	7279550	L-M/R,HGH OC,PTND T,LCL E	9/21/96
AP63-0461	BOIL	12	438200	7278700	L/R,SM LW LYNG OC,M-H OC	9/21/96
AP63-0462	BOIL	12	437800	7277925	L-M/R,M-H OC,PTND T FLDS,	9/21/96
AP63-0463	BOIL	12	516825	7257200	L/R,LW PTND T,SM K'S,LG E	9/22/96
AP63-0464	TILL	12	516150	7256500	L/R,LW PTND T,PROX LG E S	9/22/96
AP63-0465	BOIL	12	516400	7255175	L/R,LW PTND T.MIN OC	9/22/96
AP63-0466	BOIL	12	515850	7254200	L/R,M-OC,LW PTND T'S	9/22/96
AP63-0467	BOIL	12	515600	7253550	L/R,MIN OC,HLS W PTND T'S	9/22/96
AP63-0468	TILL	12	514800	7252850	L/R,L PTND T.LCL BKN OC,	9/22/96
AP63-0469	BOIL/SHL	12	513800	7252200	L-R,L PTND T PLNS,MIN OC	9/22/96
AP63-0470	BOIL	12	513200	7251500	L/R,L PTND T FLDS,MIN OC	9/22/96
AP63-0471	BOIL	12	512250	7250725	L-R,L T FLDS,LCL GF.M-OC	9/22/96
AP63-0472	BOIL	12	508050	7249950	L/R,MIN OC, LW PTND T'S,	9/22/96
AP63-0473	TILL	12	508000	7251000	L/R,L PTND T FLD&BLD,M-OC	9/22/96
AP63-0474	TILL	12	508350	7252000	L/R,MIN OC,LW PTND T FLDS	9/22/96
AP63-0475	BOIL	12	508275	7252700	L/R,L LYNG PTND T,MIN OC	9/22/96
AP63-0476	TILL	12	508350	7253675	L/R,L PTND BLD T,MIN-OC	9/22/96
AP63-0477	BOIL	12	509300	7254250	L/R,L LYNG PTND T,M-OC	9/22/96
AP63-0478	TILL	12	509300	7255150	L/R,LCL GF DEPO,T'S,M-OC	9/22/96
AP63-0479	TILL	12	510200	7256125	L/R,L LYNG PTND T,MIN OC	9/22/96
AP63-0480	TILL	12	510500	7257000	L/R,FLT PTND T PLNS,M-OC	9/22/96
AP63-0481	BOIL	12	511100	7257900	L/R,LCL GF SNDS,PTND T	9/22/96
AP63-0482	BOIL	12	511250	7258700	L/R,LW PTND T FLD,MIN OC	9/22/96
AP63-0483	TILL	12	511850	7259600	L/R,M-OC,LW PTND T'S	9/22/96
AP63-0484	BOIL	12	512840	7260710	L/R,L PTND T'S,OC DECP-BL	9/24/96
AP63-0485	TILL	12	513300	7261710	L/R,BLD DEPO,MOD OC,LCL T	9/24/96
AP63-0486	GF/KAME	12	514120	7262975	L/R,BLD PTCH,DECOM OC,	9/24/96
AP63-0487	TILL	12	506730	7258490	L-M/R,MIN OC,LW LYNG RDGS	9/24/96
AP63-0488	TILL	12	506500	7257600	L-M/R,M-OC,LW RDGS W T'S	9/22/96

Number of Samples:

AP63 Sample Results Table

SAMPLE_NO	TOT_DIAM	TOT_PY_P	TOT_PY_E	TOT_CR_D	TOT_CHRO	TOT_PICR	TOT_K_OL	TOTAL_IND
AP63-0001	0	0	0	0	0	0	3	3
AP63-0002	0	0	0	0	0	0	0	0
AP63-0003	0	0	0	0	1	0	0	1
AP63-0004	0	0	0	0	0	0	0	0
AP63-0005	0	0	0	0	0	0	1	1
AP63-0006	0	0	0	0	0	0	0	0
AP63-0007	0	0	0	0	0	0	0	0
AP63-0008	0	0	0	0	0	0	2	2
AP63-0009	0	0	0	0	0	0	0	0
AP63-0010	0	0	0	0	0	0	0	0
AP63-0011	0	0	0	0	0	0	0	0
AP63-0012	0	0	0	0	0	0	0	0
AP63-0013	0	0	0	0	1	0	1	2
AP63-0014	0	0	0	0	0	0	0	0
AP63-0015	0	0	0	0	4	0	1	5
AP63-0016	0	0	0	0	0	0	0	0
AP63-0017	0	0	0	0	0	0	0	0
AP63-0018	0	0	0	0	0	0	0	0
AP63-0019	0	0	0	0	0	0	0	0
AP63-0020	0	0	0	0	0	0	0	0
AP63-0021	0	0	0	0	0	0	0	0
AP63-0022	0	0	0	0	0	0	0	0
AP63-0023	0	0	0	0	0	0	0	0
AP63-0024	0	0	0	0	0	0	0	0
AP63-0025	0	0	0	0	0	0	0	0
AP63-0026	0	0	0	0	0	0	0	0
AP63-0027	0	0	0	0	0	0	0	0
AP63-0028	0	0	0	0	0	0	0	0
AP63-0029	0	0	0	0	0	0	0	0
AP63-0030	0	0	0	0	0	0	0	0
AP63-0031	0	0	0	0	0	0	0	0
AP63-0032	0	0	0	0	0	0	0	0
AP63-0033	0	0	0	0	0	0	0	0
AP63-0034	0	0	1	0	0	0	0	1
AP63-0035	0	0	0	0	0	0	0	0
AP63-0036	0	0	0	0	0	0	0	0
AP63-0037	0	0	0	0	1	0	0	1
AP63-0038	0	0	0	0	0	0	0	0
AP63-0039	0	0	0	0	0	0	1	1
AP63-0040	0	0	0	0	0	0	0	0
AP63-0041	0	0	1	0	0	0	0	1
AP63-0042	0	0	0	0	0	0	0	0
AP63-0043	0	0	0	0	0	0	0	0
AP63-0044	0	0	0	0	0	0	0	0
AP63-0045	0	0	1	1	0	0	0	2
AP63-0046	0	0	0	0	0	0	0	0

AP63 Sample Results Table

SAMPLE_NO	TOT_DIAM	TOT_PY_P	TOT_PY_E	TOT_CR_D	TOT_CHRO	TOT_PICR	TOT_K_OL	TOTAL_IND
AP63-0047	0	0	0	0	0	0	0	0
AP63-0048	0	0	0	0	0	0	0	0
AP63-0049	0	0	0	0	2	0	0	2
AP63-0050	0	0	0	0	0	0	0	0
AP63-0051	0	0	0	1	0	0	0	1
AP63-0052	0	0	0	0	1	0	1	2
AP63-0053	0	0	0	2	0	0	0	2
AP63-0054	0	0	1	0	0	0	0	1
AP63-0055	0	0	0	0	0	0	0	0
AP63-0056	0	0	0	0	1	0	0	1
AP63-0057	0	0	0	0	0	0	1	1
AP63-0058	0	0	0	0	0	0	0	0
AP63-0059	0	0	0	0	0	0	0	0
AP63-0060	0	0	0	0	0	0	0	0
AP63-0061	0	0	0	0	0	0	0	0
AP63-0062	0	0	0	0	0	0	0	0
AP63-0063	0	0	0	0	0	0	0	0
AP63-0064	0	0	0	0	0	0	0	0
AP63-0065	0	0	0	0	0	0	0	0
AP63-0066	0	0	0	0	0	0	0	0
AP63-0067	0	0	0	0	0	0	0	0
AP63-0068	0	0	0	0	0	0	0	0
AP63-0069	0	0	0	0	0	0	0	0
AP63-0070	0	0	0	0	0	0	0	0
AP63-0071	0	0	0	0	0	0	0	0
AP63-0072	0	0	0	0	0	0	0	0
AP63-0073	0	0	0	0	0	0	0	0
AP63-0074	0	0	0	0	0	0	0	0
AP63-0075	0	0	0	0	0	0	1	1
AP63-0076	0	0	0	0	0	0	11	11
AP63-0077	0	0	1	0	0	0	0	1
AP63-0078	0	0	0	0	2	0	0	2
AP63-0079	0	0	0	0	0	0	0	0
AP63-0080	0	0	0	0	0	0	1	1
AP63-0081	0	0	0	0	0	0	0	0
AP63-0082	0	0	0	0	1	0	0	1
AP63-0083	0	0	0	0	0	0	0	0
AP63-0084	0	0	0	0	1	0	0	1
AP63-0085	0	0	0	0	0	0	0	0
AP63-0086	0	0	0	0	0	0	0	0
AP63-0087	0	0	0	1	1	0	0	2
AP63-0088	0	0	0	0	1	0	0	1
AP63-0089	0	0	0	0	0	0	0	0
AP63-0090	0	1	0	0	2	0	0	3
AP63-0091	0	0	0	0	0	0	0	0
AP63-0092	0	0	0	0	0	0	0	0
AP63-0093	0	0	0	1	1	0	0	2

AP63 Sample Results Table

SAMPLE_NO	TOT_DIAM	TOT_PY_P	TOT_PY_E	TOT_CR_D	TOT_CHRO	TOT_PICR	TOT_K_OL	TOTAL_IND
AP63-0093	0	0	0	1	1	0	0	2
AP63-0094	0	0	0	0	0	0	0	0
AP63-0095	0	0	1	0	0	0	0	1
AP63-0096	0	0	0	0	0	0	0	0
AP63-0097	0	0	0	0	0	0	0	0
AP63-0098	0	0	0	0	1	0	0	1
AP63-0099	0	0	0	0	0	0	0	0
AP63-0100	0	0	0	0	0	0	0	0
AP63-0101	0	0	0	0	0	0	0	0
AP63-0102	0	0	0	0	0	0	0	0
AP63-0103	0	0	0	1	1	0	0	2
AP63-0104	0	0	0	0	0	0	0	0
AP63-0105	0	0	0	0	0	0	0	0
AP63-0106	0	0	0	0	0	0	0	0
AP63-0107	0	0	0	0	0	0	0	0
AP63-0108	0	0	0	0	0	0	2	2
AP63-0109	0	0	0	0	0	0	0	0
AP63-0110	0	0	1	0	1	0	0	2
AP63-0111	0	0	0	0	0	0	0	0
AP63-0112	0	0	0	0	1	0	0	1
AP63-0113	0	0	0	0	0	0	0	0
AP63-0114	0	0	0	0	0	0	0	0
AP63-0115	0	0	0	0	0	0	0	0
AP63-0116	0	0	0	0	0	0	0	0
AP63-0117	0	0	0	0	0	0	0	0
AP63-0118	0	0	0	0	0	0	0	0
AP63-0119	0	0	2	0	0	0	0	2
AP63-0120	0	0	0	0	0	0	0	0
AP63-0121	0	0	0	0	0	0	0	0
AP63-0122	0	0	0	0	0	0	0	0
AP63-0123	0	0	0	0	0	0	0	0
AP63-0124	0	0	0	0	0	0	0	0
AP63-0125	0	0	0	0	0	0	0	0
AP63-0126	0	0	0	0	0	0	0	0
AP63-0127	0	0	0	0	0	0	1	1
AP63-0128	0	0	0	0	0	0	0	0
AP63-0129	0	0	0	2	2	0	5	9
AP63-0130	0	1	0	0	0	0	11	12
AP63-0131	0	0	0	0	0	0	0	0
AP63-0132	0	0	0	0	0	0	0	0
AP63-0133	0	0	0	0	0	0	0	0
AP63-0134	0	0	0	0	0	0	0	0
AP63-0135	0	0	0	0	0	0	0	0
AP63-0136	0	0	0	0	0	0	0	0
AP63-0137	0	0	0	0	0	0	0	0
AP63-0138	0	0	0	0	0	0	0	0
AP63-0139	0	0	0	0	0	0	0	0

Friday, October 17, 1997

AP63 Sample Results Table

SAMPLE_NO	TOT_DIAM	TOT_PY_P	TOT_PY_E	TOT_CR_D	TOT_CHRO	TOT_PICR	TOT_K_OL	TOTAL_IND
AP63-0139	0	0	0	0	0	0	0	0
AP63-0140	0	0	0	0	0	0	0	0
AP63-0141	0	0	0	0	0	0	0	0
AP63-0142	0	0	0	0	0	0	1	1
AP63-0143	0	0	0	0	1	0	0	1
AP63-0144	0	0	0	0	0	0	0	0
AP63-0145	0	0	0	0	0	0	0	0
AP63-0146	0	0	0	0	1	0	0	1
AP63-0147	0	0	0	0	0	0	0	0
AP63-0148	0	0	0	0	0	0	0	0
AP63-0149	0	0	0	0	0	0	0	0
AP63-0150	0	0	0	0	0	0	0	0
AP63-0151	0	0	0	0	0	0	0	0
AP63-0152	0	0	0	0	0	0	0	0
AP63-0153	0	0	0	0	0	0	0	0
AP63-0154	0	0	0	0	0	0	0	0
AP63-0155	0	0	0	0	0	0	0	0
AP63-0156	0	0	0	1	0	0	0	1
AP63-0157	0	0	0	0	0	0	0	0
AP63-0158	0	0	0	0	0	0	0	0
AP63-0159	0	0	1	1	0	0	0	2
AP63-0160	0	0	0	0	0	0	0	0
AP63-0161	0	0	0	1	1	0	0	2
AP63-0162	0	0	0	0	0	0	0	0
AP63-0163	0	0	0	0	0	0	0	0
AP63-0164	0	0	0	0	1	0	1	2
AP63-0165	0	0	0	0	0	0	0	0
AP63-0166	0	0	0	0	0	0	0	0
AP63-0167	0	0	0	0	0	0	0	0
AP63-0168	0	0	0	1	0	0	0	1
AP63-0169	0	0	0	0	0	0	0	0
AP63-0170	0	0	0	0	0	0	0	0
AP63-0171	0	0	0	1	0	0	0	1
AP63-0172	0	0	0	0	0	0	0	0
AP63-0173	0	0	0	0	0	0	0	0
AP63-0174	0	0	2	0	0	0	0	2
AP63-0175	0	0	0	0	1	0	0	1
AP63-0176	0	0	0	2	1	0	0	3
AP63-0177	0	0	0	0	0	0	0	0
AP63-0178	0	0	0	0	0	0	0	0
AP63-0179	0	0	0	0	0	0	0	0
AP63-0180	0	0	0	0	0	0	0	0
AP63-0181	0	0	0	0	0	0	0	0
AP63-0182	0	0	0	0	0	0	0	0
AP63-0183	0	0	0	0	0	0	0	0
AP63-0184	0	0	0	0	0	0	0	0
AP63-0185	0	0	0	0	0	0	0	0

AP63 Sample Results Table

SAMPLE_NO	TOT_DIAM	TOT_PY_P	TOT_PY_E	TOT_CR_D	TOT_CHRO	TOT_PICR	TOT_K_OL	TOTAL_IND
AP63-0185	0	0	0	0	0	0	0	0
AP63-0186	0	0	0	0	0	0	0	0
AP63-0187	0	0	0	0	0	0	0	0
AP63-0188	0	0	1	0	0	0	0	1
AP63-0189	0	0	0	0	0	0	0	0
AP63-0190	0	0	2	0	0	0	0	2
AP63-0191	0	0	1	0	0	0	0	1
AP63-0192	0	0	0	0	0	0	0	0
AP63-0193	0	0	0	0	0	0	0	0
AP63-0194	0	0	0	0	0	0	0	0
AP63-0195	0	0	0	0	0	0	0	0
AP63-0196	0	0	0	0	0	0	0	0
AP63-0197	0	0	0	0	0	0	0	0
AP63-0198	0	0	0	0	0	0	0	0
AP63-0199	0	0	0	0	3	0	0	3
AP63-0200	0	1	1	0	0	0	0	2
AP63-0201	0	0	0	0	0	0	0	0
AP63-0202	0	0	0	0	0	0	1	1
AP63-0203	0	0	0	0	0	0	0	0
AP63-0204	0	0	0	0	0	0	0	0
AP63-0205	0	0	0	0	0	1	0	1
AP63-0206	0	0	0	0	0	0	0	0
AP63-0207	0	0	0	0	0	0	0	0
AP63-0208	0	0	0	0	0	0	0	0
AP63-0209	0	0	0	1	2	0	4	7
AP63-0210	0	0	0	0	0	0	0	0
AP63-0211	0	0	0	0	1	0	1	2
AP63-0212	0	0	0	0	0	0	0	0
AP63-0213	0	0	0	1	1	0	0	2
AP63-0214	0	0	0	0	0	0	0	0
AP63-0215	0	0	0	0	0	0	0	0
AP63-0216	0	0	0	0	0	0	0	0
AP63-0217	0	0	0	0	0	0	0	0
AP63-0218	0	0	1	0	0	0	0	1
AP63-0219	0	0	0	0	0	0	0	0
AP63-0220	0	0	0	0	0	0	0	0
AP63-0221	0	0	0	0	0	0	0	0
AP63-0222	0	0	0	0	0	0	0	0
AP63-0223	0	0	0	0	0	0	0	0
AP63-0224	0	0	0	0	0	0	0	0
AP63-0225	0	0	1	0	0	0	0	1
AP63-0226	0	0	0	0	0	0	0	0
AP63-0227	0	0	0	0	0	0	0	0
AP63-0228	0	0	0	0	0	0	0	0
AP63-0229	0	0	1	0	0	0	0	1
AP63-0230	0	0	0	0	0	0	0	0
AP63-0231	0	0	0	0	0	0	0	0

AP63 Sample Results Table

SAMPLE_NO	TOT_DIAM	TOT_PY_P	TOT_PY_E	TOT_CR_D	TOT_CHRO	TOT_PICR	TOT_K_OL	TOTAL_IND
AP63-0231	0	0	0	0	0	0	0	0
AP63-0232	0	0	0	0	0	0	0	0
AP63-0233	0	0	0	0	1	0	0	1
AP63-0234	0	0	0	0	0	0	0	0
AP63-0235	0	0	1	0	0	0	1	2
AP63-0236	0	0	0	0	0	0	0	0
AP63-0237	0	0	0	0	0	0	0	0
AP63-0238	0	0	0	0	0	0	0	0
AP63-0239	0	0	0	0	0	0	0	0
AP63-0240	0	0	0	0	1	0	22	23
AP63-0241	0	0	0	0	1	0	124	125
AP63-0242	0	0	0	0	0	0	4	4
AP63-0243	0	0	0	0	0	0	0	0
AP63-0244	0	0	0	0	0	0	1	1
AP63-0245	0	0	0	0	0	0	0	0
AP63-0246	0	0	0	0	1	0	0	1
AP63-0247	0	0	0	0	0	0	0	0
AP63-0248	0	0	0	0	0	0	0	0
AP63-0249	0	0	0	0	0	0	0	0
AP63-0250	0	0	0	0	0	0	0	0
AP63-0251	0	0	0	0	0	0	0	0
AP63-0252	0	0	0	0	1	0	0	1
AP63-0253	0	0	0	0	0	0	0	0
AP63-0254	0	0	0	1	0	0	1	2
AP63-0255	0	0	0	0	0	0	0	0
AP63-0256	0	0	0	0	0	0	0	0
AP63-0257	0	0	2	0	0	0	0	2
AP63-0258	0	0	0	0	0	0	0	0
AP63-0259	0	0	0	0	0	0	0	0
AP63-0260	0	0	0	0	0	0	0	0
AP63-0261	0	0	0	0	0	0	0	0
AP63-0262	0	0	0	0	0	0	0	0
AP63-0263	0	0	0	0	1	0	0	1
AP63-0264	0	0	0	0	0	0	0	0
AP63-0265	0	0	0	0	0	0	0	0
AP63-0266	0	0	0	0	0	0	0	0
AP63-0267	0	0	0	0	0	0	0	0
AP63-0268	0	0	0	0	0	0	0	0
AP63-0269	0	0	0	0	0	0	0	0
AP63-0270	0	0	0	0	0	2	0	2
AP63-0271	0	0	0	0	0	0	0	0
AP63-0272	0	0	0	0	0	0	0	0
AP63-0273	0	0	0	0	1	0	0	1
AP63-0274	0	0	0	0	0	0	0	0
AP63-0275	0	0	0	0	0	0	0	0
AP63-0276	0	0	0	0	1	0	0	1
AP63-0277	0	0	0	0	0	0	0	0

AP63 Sample Results Table

SAMPLE_NO	TOT_DIAM	TOT_PY_P	TOT_PY_E	TOT_CR_D	TOT_CHRO	TOT_PICR	TOT_K_OL	TOTAL_IND
AP63-0323	0	0	0	0	0	0	0	0
AP63-0324	0	0	0	0	0	0	0	0
AP63-0325	0	0	0	0	0	0	0	0
AP63-0326	0	0	0	0	0	0	0	0
AP63-0327	0	0	0	0	0	0	0	0
AP63-0328	0	0	0	0	0	0	0	0
AP63-0329	0	0	0	0	0	0	0	0
AP63-0330	0	0	0	1	0	0	0	1
AP63-0331	0	0	0	0	0	0	0	0
AP63-0332	0	0	0	0	1	0	0	1
AP63-0333	0	0	0	0	0	0	0	0
AP63-0334	0	0	0	0	9	0	0	9
AP63-0335	0	0	0	0	0	0	0	0
AP63-0336	0	0	0	0	0	0	0	0
AP63-0337	0	0	0	0	0	0	0	0
AP63-0338	0	0	0	0	0	0	0	0
AP63-0339	0	0	0	0	0	0	0	0
AP63-0340	0	0	0	0	0	0	0	0
AP63-0341	0	0	0	0	0	0	0	0
AP63-0342	0	0	0	0	0	0	0	0
AP63-0343	0	0	0	0	0	0	0	0
AP63-0344	0	0	0	0	0	0	0	0
AP63-0345	0	0	0	0	0	0	0	0
AP63-0346	0	0	0	0	0	0	0	0
AP63-0347	0	0	0	0	0	0	0	0
AP63-0348	0	0	0	0	0	0	0	0
AP63-0349	0	0	0	0	2	0	0	2
AP63-0350	0	0	0	1	0	0	0	1
AP63-0351	0	0	0	0	0	0	0	0
AP63-0352	0	0	0	1	0	0	0	1
AP63-0353	0	0	0	0	0	0	0	0
AP63-0354	0	0	0	1	0	0	0	1
AP63-0355	0	0	0	0	0	0	0	0
AP63-0356	0	0	0	0	0	0	0	0
AP63-0357	0	0	0	0	0	0	0	0
AP63-0358	0	0	0	0	0	0	0	0
AP63-0359	0	0	0	0	0	0	1	1
AP63-0360	0	0	0	0	0	0	0	0
AP63-0361	0	0	0	0	0	0	0	0
AP63-0362	0	0	0	0	0	0	0	0
AP63-0363	0	0	0	1	0	0	0	1
AP63-0364	0	0	0	0	0	0	0	0
AP63-0365	0	0	0	0	0	0	0	0
AP63-0366	0	0	0	0	0	0	0	0
AP63-0367	0	0	0	0	0	0	0	0
AP63-0368	0	0	0	0	0	0	0	0
AP63-0369	0	0	0	0	0	0	0	0

AP63 Sample Results Table

SAMPLE_NO	TOT_DIAM	TOT_PY_P	TOT_PY_E	TOT_CR_D	TOT_CHRO	TOT_PICR	TOT_K_OL	TOTAL_IND
AP63-0369	0	0	0	0	0	0	0	0
AP63-0370	0	0	0	0	0	0	0	0
AP63-0371	0	0	0	0	1	0	0	1
AP63-0372	0	0	0	0	0	0	0	0
AP63-0373	0	0	0	0	0	0	0	0
AP63-0374	0	0	0	0	0	0	0	0
AP63-0375	0	0	0	0	0	0	3	3
AP63-0376	0	0	0	0	0	0	0	0
AP63-0377	0	0	0	0	0	0	0	0
AP63-0378	0	0	0	0	0	0	0	0
AP63-0379	0	0	0	0	1	0	0	1
AP63-0380	0	0	1	0	0	0	0	1
AP63-0381	0	0	0	0	1	0	0	1
AP63-0382	0	0	0	0	0	0	0	0
AP63-0383	0	0	0	0	0	0	0	0
AP63-0384	0	0	0	0	0	0	0	0
AP63-0385	0	0	1	0	0	0	0	1
AP63-0386	0	0	0	0	0	0	0	0
AP63-0387	0	0	0	0	0	0	0	0
AP63-0388	0	0	0	0	0	0	0	0
AP63-0389	0	0	0	0	3	0	0	3
AP63-0390	0	0	0	0	0	0	0	0
AP63-0391	0	0	0	0	1	0	0	1
AP63-0392	0	0	0	1	0	0	0	1
AP63-0393	0	0	0	0	0	0	0	0
AP63-0394	0	0	0	0	0	0	0	0
AP63-0395	0	0	0	0	0	0	0	0
AP63-0396	0	0	0	0	1	0	1	2
AP63-0397	0	0	0	0	0	0	0	0
AP63-0398	0	0	0	0	0	0	0	0
AP63-0399	0	0	1	0	0	0	0	1
AP63-0400	0	0	0	0	1	0	0	1
AP63-0401	0	0	0	0	0	0	0	0
AP63-0402	0	0	0	0	0	0	0	0
AP63-0403	0	1	0	0	0	0	0	1
AP63-0404	0	0	0	0	0	0	0	0
AP63-0405	0	0	0	0	0	0	0	0
AP63-0406	0	0	0	0	0	0	0	0
AP63-0407	0	0	0	0	0	0	0	0
AP63-0408	0	0	0	1	1	0	1	3
AP63-0409	0	0	0	0	0	0	0	0
AP63-0410	0	0	0	0	1	0	1	2
AP63-0411	0	0	0	0	0	0	0	0
AP63-0412	0	0	1	1	0	0	0	2
AP63-0413	0	0	0	0	0	0	0	0
AP63-0414	0	0	0	0	0	0	0	0
AP63-0415	0	0	0	0	0	0	0	0

AP63 Sample Results Table

SAMPLE_NO	TOT_DIAM	TOT_PY_P	TOT_PY_E	TOT_CR_D	TOT_CHRO	TOT_PICR	TOT_K_OL	TOTAL_IND
AP63-0415	0	0	0	0	0	0	0	0
AP63-0416	0	0	0	0	0	0	0	0
AP63-0417	0	0	0	0	1	0	0	1
AP63-0418	0	0	0	0	0	0	0	0
AP63-0419	0	0	0	0	0	0	0	0
AP63-0420	0	0	0	0	0	0	0	0
AP63-0421	0	0	0	0	0	0	0	0
AP63-0422	0	0	0	0	0	0	1	1
AP63-0423	0	0	0	0	0	0	0	0
AP63-0424	0	0	0	0	0	0	0	0
AP63-0425	0	0	0	0	0	0	0	0
AP63-0426	0	0	0	0	0	0	0	0
AP63-0427	0	1	0	0	0	0	0	1
AP63-0428	0	0	1	0	0	0	0	1
AP63-0429	0	0	0	0	0	0	0	0
AP63-0430	0	0	0	0	0	0	0	0
AP63-0431	0	0	0	0	0	0	0	0
AP63-0432	0	0	0	0	0	0	0	0
AP63-0433	0	0	0	1	0	0	0	1
AP63-0434	0	0	0	0	0	0	0	0
AP63-0435	0	0	0	0	0	0	0	0
AP63-0436	0	0	0	0	0	0	0	0
AP63-0437	0	0	0	0	0	0	0	0
AP63-0438	0	0	0	0	0	0	0	0
AP63-0439	0	0	0	0	0	0	0	0
AP63-0440	0	0	0	0	0	0	0	0
AP63-0441	0	0	0	0	0	0	0	0
AP63-0442	0	0	0	0	0	0	0	0
AP63-0443	0	0	0	0	0	0	0	0
AP63-0444	0	0	0	1	0	0	0	1
AP63-0445	0	0	0	0	0	0	0	0
AP63-0446	0	0	0	0	0	0	0	0
AP63-0447	0	1	1	0	0	0	0	2
AP63-0448	0	1	0	0	0	0	0	1
AP63-0449	0	0	0	1	0	0	0	1
AP63-0450	0	0	0	1	0	0	0	1
AP63-0451	0	0	0	0	0	0	0	0
AP63-0452	0	0	0	0	0	0	0	0
AP63-0453	0	0	0	0	0	0	0	0
AP63-0454	0	0	0	0	0	0	0	0
AP63-0455	0	0	0	0	0	0	0	0
AP63-0456	0	0	0	0	0	0	0	0
AP63-0457	0	0	0	0	0	0	0	0
AP63-0458	0	0	0	0	0	0	0	0
AP63-0459	0	0	0	0	0	0	0	0
AP63-0460	0	0	0	0	0	0	0	0
AP63-0461	0	0	0	0	0	0	0	0

AP63 Sample Results Table

SAMPLE_NO	TOT_DIAM	TOT_PY_P	TOT_PY_E	TOT_CR_D	TOT_CHRO	TOT_PICR	TOT_K_OL	TOTAL_IND
AP63-0461	0	0	0	0	0	0	0	0
AP63-0462	0	0	0	0	1	0	0	1
AP63-0463	0	0	0	0	0	0	0	0
AP63-0464	0	0	0	0	0	0	0	0
AP63-0465	0	0	0	0	0	0	0	0
AP63-0466	0	0	0	0	0	0	0	0
AP63-0467	0	0	0	0	1	0	0	1
AP63-0468	0	0	0	0	0	0	0	0
AP63-0469	0	0	0	0	0	0	0	0
AP63-0470	0	0	0	0	0	0	0	0
AP63-0471	0	0	0	0	1	0	0	1
AP63-0472	0	0	0	0	0	0	0	0
AP63-0473	0	0	0	0	0	0	0	0
AP63-0474	0	0	0	0	0	0	0	0
AP63-0475	0	0	0	0	0	0	0	0
AP63-0476	0	0	0	0	0	0	0	0
AP63-0477	0	0	0	0	0	0	0	0
AP63-0478	0	0	0	0	0	0	0	0
AP63-0479	0	0	0	0	0	0	0	0
AP63-0480	0	0	0	0	0	0	0	0
AP63-0481	0	0	0	0	0	0	0	0
AP63-0482	0	0	0	0	0	0	0	0
AP63-0483	0	0	0	1	1	0	0	2
AP63-0484	0	0	0	0	0	0	0	0
AP63-0485	0	0	0	0	0	0	0	0
AP63-0486	0	0	1	0	0	0	0	1
AP63-0487	0	0	1	0	1	0	0	2
AP63-0488	0	0	1	0	0	0	0	1

Number of Samples

**ASHTON MINING
OF CANADA INC.****VIA FACSIMILIE**

December 23, 1997

DIAND, NWT Geology Division
Box 1500, Yellowknife, NT
X1A 2R3
Ph: (867) 669-2640
Fax: (867) 669-2725
Attn: **Scott Cairns, District Geologist**

Dear Scott,

Re: Assessment Report 83942, Report on Geochemical Sampling, JC Property

This letter is in response to your request for amendments to the JC Claims Assessment Report (#83942) submitted to DIAND on October 20, 1997.

Ashton is extremely concerned that its first assessment report on the JC Claims has been denied approval because of historical work done by a competitor, and undertaken at a time when Ashton had no interest in this property.

Exploration work programs submitted to DIAND are supposed to be judged on their own merits. In your letter, you state that, "*A comparison of your results versus Texas Star/Canamera results would strongly support your case*". By making requests that Ashton provide statistics demonstrating that its work is superior to a competitors, DIAND is attempting to determine whether one company's work is better than another. In our opinion, this steps outside the objective role the geology division is supposed to play in this regulatory process.

In addition, your statements that, "*the new work does not add much to the information on the property.*" and that Ashton must prove that its program is "*more valid than previous programs.*" set dangerous precedents whereby DIAND is now attempting to qualify and direct exploration programs in the Northwest Territories. The fact that exploration work has been done in an area, prior to a company's involvement, has no relevance to subsequent work programs. Section 38, paragraph (c) in the Canada Mining Regulations clearly states that only representation work other than those described in paragraph (a) and (b), has to be approved by an engineer of mines. Therefore, DIAND is only required to determine whether the JC expenditures submitted were spent on accepted exploration methods (i.e. the geochemical work noted in paragraph (b)), and not determine whether the work was "worth it".

For the record, and to expedite the approval of the JC Assessment Report, Ashton does employ sampling, processing and observing techniques that differ from its competitors.

These methods are briefly summarized in the report, but for the most part are considered proprietary and will not be discussed here. With respect to specific samples taken on the JC claims, Ashton routinely uses a two pass observation method and does not extrapolate results from partially observed sample splits, as does some of the competition. The result is that approximately 25% of Ashton's samples taken on JC claims returned positive results compared to 10% of Canamera's. With respect to the recovery of pyrope garnets from the property, the discrepancy is even larger.

On other properties in the Slave, it has been Ashton's experience that a single weakly anomalous sample can lead to the discovery of a kimberlite, even on claims that were considered "thoroughly explored". And although previous work on a property is considered in any evaluation, Ashton still conducts its own exploration using its own techniques as a matter of due diligence. The Mountain Province property in the eastern Slave is another current example where, after four years of extensive exploration, a new company (Monopros) took over operations and discovered three kimberlites within 12 months.

If DIAND's policy of having to justify exploration based on previous work were present in other jurisdictions, century old mining camps such as the Porcupine area in Timmins, Ontario would not be active today. In fact, this type of thinking would also prohibit ongoing NWT geological mapping initiatives since most of the region was mapped over thirty years ago.

We believe it is fundamental to the exploration process that companies assume prior work in an area has not exhausted all the possibilities. This approach fosters new ideas, explores new methodology and ultimately finds new mines. By making the requests in the above referenced letter, DIAND has indicated it does not acknowledge this exploratory approach.

We respectfully request that you respond to our concerns and clarify the requests for amendments to the JC Assessment Report with reference to the Canada Mining Regulations.

Sincerely,
ASHTON MINING OF CANADA INC.



Jeff Ward
Project Geologist

cc: Caroline Relf
Chief Geologist, Geology Division

JW

c:\my documents\caimsjc.doc