PROSPECTING, GEOCHEMICAL & MAGNETOMETER SURVEYS

ON THE AMF GROUP OF CLAIMS

WEST UPPER ARROW LAKE

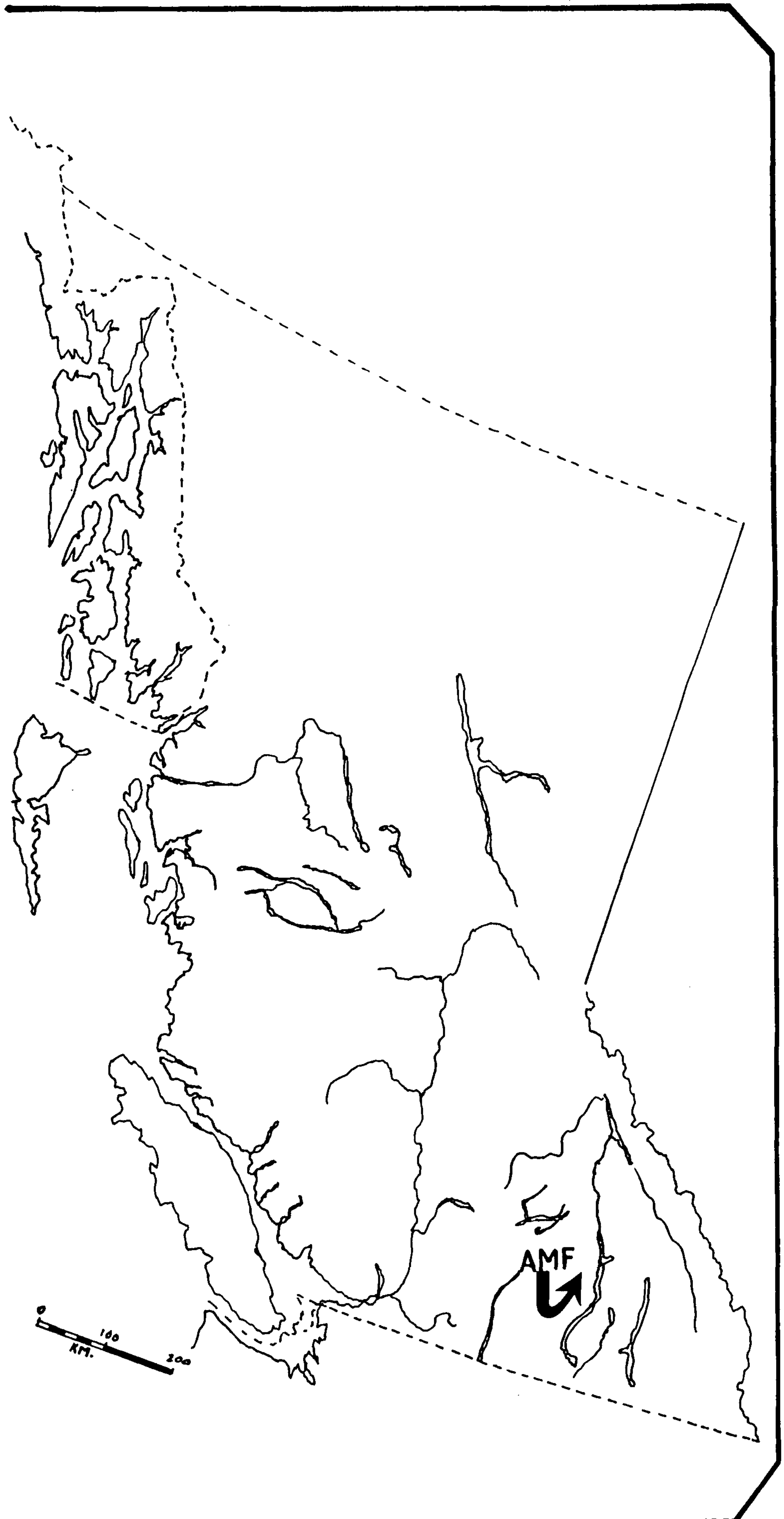
NTS 82L/8E

SLOCAN MINING DIVISION

LATITUDE: 50°27' LONGITUDE: 118°03'

by: DELBERT W. FERGUSON

NOVEMBER 1990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INTRODUCTION

The 72 claim units comprising the AMF GROUP of claims were staked in the fall of 1989, adjoining Cominco's Big Ledge Zinc Property situated along AMF's northern boundary. Premlinary prospecting along logging roads in 1989 indicated the existence of siliceous zones hosting minor amounts of copper, zinc, pyrite and pyrrhotite mineralization.

The target for the 1990 field season was to search for and hopefully identify one or more BASE METAL MASSIVE SULPHIDE OCCURENCES within the boundaries of the claim group, on the down dip (or up stratigraphic) section of the Big Ledge horizon. The presence of amphibolite units and newly found chalcopyrite mineralization opens up new search parameters into the KIESLAGER TYPE (Cu-Zn:Au) massive sulphide exploration, commonly found in tectonic environments of subsidence and compression (ie: trench environments). Commonly, highly metamorphosed rocks of volcanic derivation (amphibolites) and clastic sedimentary origin rocks (biotite schists) are the host rocks of these environments. Examples of these types of massive sulphide deposits are: Matchless-Otjihase (S.W. Africa), Ducktown (Tennessee), Besshi (Japan) and the Goldstream deposit situated north of Revelstoke, B.C.

An organized exploration program began with line establishment. An east-west trending baseline was situated along the plateau country, 500 metres south of the northern claim boundary. North-south lines were run off the baseline at 500 metre intervals and were run south until cliffs were encountered. Lines were flagged at 50 metre spacings for subsequent surveys such as prospecting, soil and stream sediment geochemistry and magnetometer.

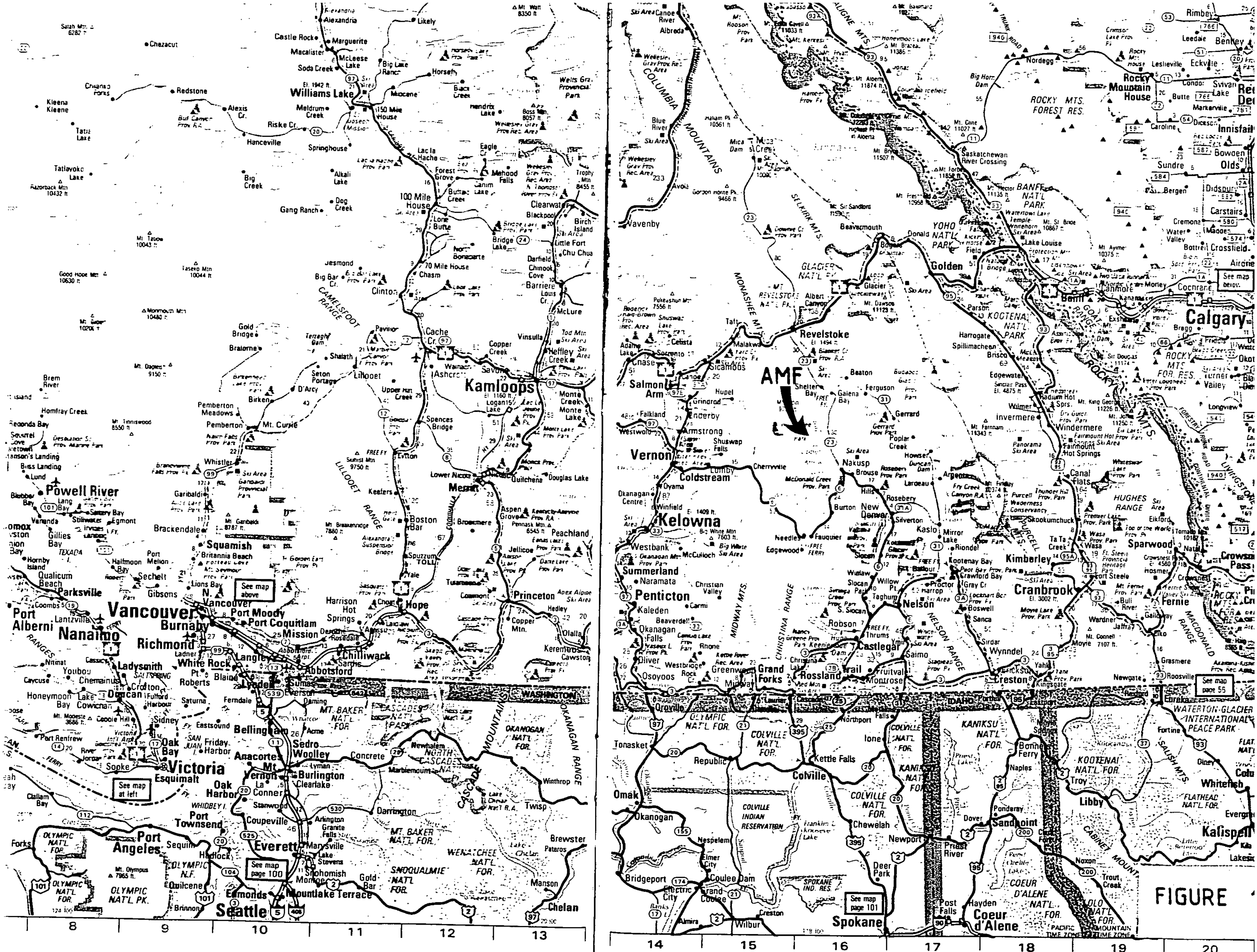
LOCATION & ACCESS

The AMF PROPERTY is situated on the northwest side of Upper Arrow Lake in the Gold Range of the Monashee Mountains in Southeastern British Columbia. It lies immediately south of Mount Symons and Cominco's Big Ledge Property. Trout Creek flows along its northern boundary and the North Fork of Fostall Creek meanders along the southern edge of the property. From Paint Lake in the west to the western banks of the south flowing portion of Vanstone Creek in the east, the property encompasses six kilometres of strike length of the underlying Shushwap Metamorphic Series of rocks.

The claims are readily accessible by road from Revelstoke and Nakusp. From these two southern interior towns, Highway 23 provides paved access to Shelter Bay. Nakusp is 44 kilometres south of Shelter Bay and Revelstoke is 48 kilometres north of Shelter Bay ferry landing. Approximately one kilometre north of the ferry landing, a well-maintained logging road follows south along the west side of Upper Arrow Lake. At Kilometre 15, the Limekiln/Paint Lake Road heads southwestward for 18 kilometres to the approximate centre of the AMF claim group.

Local airports are situated in both Nakusp, approximately 30 air kilometres to the southeast of the property and Revelstoke, approximately 56 air kilometres to the north of the property.

The eastern portion of the property is transected by numerous logging roads over the gently sloping terrain north of the cliffs along North Fostall Valley. Along the northern part of the property, an east-west trending road provides four-wheel drive access to the western portion of the claims.



AMF
Williams Lake
100 Mile House
Kamloops
Clinton
Cache Cr.
Lillooet
Merritt
Princeton
Hope
Chilliwack
Abbotsford
Mission
Vancouver
Burnaby
Richmond
Port Moody
Port Coquitlam
White Rock
Langley
Squamish
Whistler
Pemberton
Powell River
Nanaimo
Port Alberni
Parksville
Ladysmith
Duncan
Victoria
Esquimalt
Sooke
Sidney
Bellingham
Sedro Woolley
Burlington
Anacortes
Mt. Vernon
Oak Harbor
Port Angeles
Port Townsend
Everett
Marysville
Edmonds
Seattle
Mountlake Terrace
Chelan
Brewster
Twisp
Winthrop
OKANOGAN RANGE
CASCADE MOUNTAINS
CAMELSFOOT RANGE
LILLOOET RANGE
OLYMPIC NAT'L PK.
WASHINGTON
Revelstoke
Salmon Arm
Sicamous
Vernon
Armstrong
Enderby
Coldstream
Lumby
Kelowna
Westbank
Summerland
Penticton
Oliver
Osoyoos
Grand Forks
Greenwood
Castlegar
Trail
Rossland
Nelson
Nakusp
New Denver
Kaslo
Creston
Cranbrook
Kimberley
Fernie
Sparwood
Invermere
Golden
Banff
Canmore
Calgary
Rocky Mountain House
Olds
Innisfail
Lake Louise
Field
COLUMBIA MOUNTAINS
MONASHEE MTS.
SELKIRK MTS.
PURCELL MTS.
ROCKY MTS.
BANFF NAT'L PARK
YOHO NAT'L PARK
KOOTENAY NAT'L PARK
GLACIER NAT'L PK.
IDAHO
Omak
Okanogan
Colville
Kettle Falls
Republic
Chewelah
Newport
Spokane
Coeur d'Alene
Sandpoint
Bonners Ferry
Libby
Kalispell
Whitefish
Eureka
WATERTON-GLACIER INTERNATIONAL PEACE PARK
COLVILLE NAT'L FOR.
KANIKSU NAT'L FOR.
KOOTENAI NAT'L FOR.
FLATHEAD NAT'L FOR.
8
9
10
11
12
13
14
15
16
17
18
19
20

FIGURE

TOPOGRAPHY and VEGETATION

The AMF claims cover the dip slope of the Big Ledge mineralized horizon. From the valley of North Fostall Creek in the south, well-treed (cedar and fir) steep slopes rise from elevations of 4000 feet to 5000 or 6000' feet a.s.l. before reaching the more gentle plateau slopes in the north and east portions of the claims. Hill slopes on the eastern half of the claims were heavily timbered up to elevations of around 5500 feet, but most of the area has undergone intensive open-cut logging in recent years.

Small balsam and spruce timber persists up to elevations of around 6000 feet. Above this elevation slopes are quite open and traverse becomes effortless across alpine landscape. Elevations up to 7000 feet a.s.l are attained in the northwest corner of the claims, above the valleys of Paint and Duchess Lakes.

Two deeply incised valleys, originating in Paint Lake and Duchess Lake carve south by southeast through the western portion of the claims. In the east, slopes dip moderately to the east and are cut by numerous east trending streams, the two largest of which are Trout Creek running along the northern boundary and Vanstone Creek approximately one kilometre south of the northern boundary. Vanstone makes an abrupt turn just east of the property, to carve a deep south trending valley which eventually winds its way into the North Fostall.

AREA HISTORY

The AMF PROPERTY is situated immediately south of Cominco's Big Ledge Property. The initial zinc-pyrrhotite discovery was made in the late 1890's by A. Symons whose attention had been directed to the area by a half-breed Indian who had observed the continuity of iron stained outcrop along the mountain top. Subsequently, may interested parties staked claims around the Symons' holdings. Very little effort was made to explore or develop these land holdings until their amalgamation in 1925. The various interests in the area were joined under the management of A. St. Clair Brindle who, as a consulting engineer, organized mapping, tunneling and diamond drilling efforts.

From 1943 to 1953, Consolidated Mining & Smelting Company re-sampled surface outcrops and drilled a total of 13,000 feet in a series of holes spaced at 500-foot intervals along a six mile strike length of the known deposit. From 1953 to 1963 no work was done on the property, as CM&S became more involved with more valuable lead-zinc deposits. Consolidated resumed further drilling and tunneling on the deposits in the 1960's.

All this work resulted in the definition of the Big Ledge mineralized Member over a strike length of some 14 kilometres from Mt. Symons in the west to the west shore of Upper Arrow Lake. Cominco retained the western eight kilometres of the mineralized structure. This section encompasses deposits of proposed sedimentary exhalitive origin having estimated reserves of 100 million tons of 4% zinc, including 10 million tons of 7% zinc.

In 1965 Northwest 66 optioned 62 claim units from Messrs. Fowler, Cusik and Fowler on the down dip extension of three separate Ledge orebodies, but their drilling efforts (a planned 6000 feet) did not succeed and the option was terminated a few years later.

The eastern portion of the mineralized structure remained unclaimed until 1975 when the Limekiln and Pingston deposits were staked as the Casey claims by M. Cusik. Little work was done until 1979, when this ground along with the down-dip projection of the eastern part of Cominco's ground were optioned from M. Cusik and R. Fowler to Esperanza Explorations Ltd. These were added to contiguous E&B Exploration Ltd. claims, which became part of the option agreement. Esperanza and E&B carried out mapping, soil geochemical and magnetometer surveys from 1979 to 1981. The option was let expire due to only low grade zinc deposits and the scarcity of outcrop in the eastern claims, making it difficult to locate further mineralized structures. The eastern extension of the Big Ledge is currently held by Noranda Exploration Inc.

CLAIMS

The AMF property consists of three 20-unit claim blocks and 12 two-post claims which abut Cominco's Big Ledge Property to the south. Claim statistics are as follows:

CLAIM	NO. of UNITS	RECORD NO.	RECORD DATE	EXPIRY DATE
A-1	1	6139	SEPT. 23/89	SEPT. 23/92
A-2	1	6140	SEPT. 23/89	SEPT. 23/92
A-3	1	6141	SEPT. 23/89	SEPT. 23/92
A-4	1	6142	SEPT. 23/89	SEPT. 23/92
M-1	1	6143	SEPT. 23/89	SEPT. 23/92
M-2	1	6144	SEPT. 25/89	SEPT. 25/92
M-3	1	6145	SEPT. 25/89	SEPT. 25/92
M-4	1	6146	SEPT. 25/89	SEPT. 25/92
F-1	1	6147	SEPT. 25/89	SEPT. 25/92
F-2	1	6148	SEPT. 25/89	SEPT. 25/92
F-3	1	6149	SEPT. 25/89	SEPT. 25/92
F-4	1	6150	SEPT. 25/89	SEPT. 25/92
AMF-1	20	6136	OCT. 08/89	OCT. 08/93
AMF-2	20	6137	OCT. 07/89	OCT. 07/93
AMF-3	20	6138	OCT. 05/89	OCT. 05/93

TOTAL UNITS 72 MAKE UP THE AMF GROUP

HECTARES = 1800, ACRES = 4448

The claims are currently jointly held by Ralph E. Allen, Robert H. Murphy and Delbert W. Ferguson.

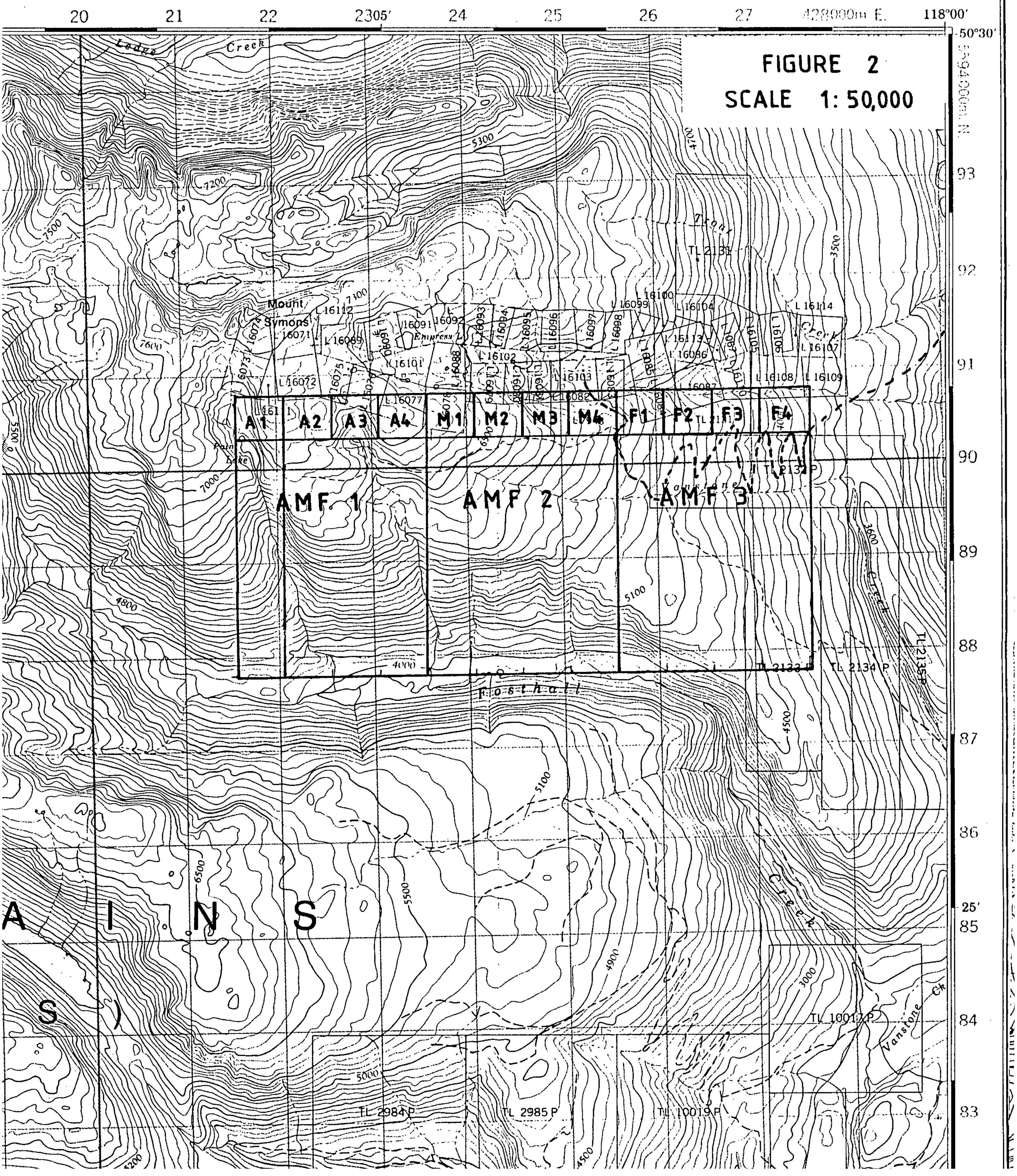


FIGURE 2
SCALE 1: 50,000
Mount Symons
Empress L
Ledge Creek
Trout Creek
Fosthall
Creek
Vanstone Ck
A1
A2
A3
A4
M1
M2
M3
M4
F1
F2
F3
F4
AMF 1
AMF 2
AMF 3
TL 2131
TL 2132 P
TL 2133 P
TL 2134 P
TL 2984 P
TL 2985 P
TL 10019 P
TL 10017 P
A I N S
S)

GEOLOGY

Lithology

The rocks of the AMF property are a heterogeneous assemblage of metasedimentary rocks of the Mantling Zone and Fringe Zone of the Thor-Odin Gneiss Dome (Reesor and Moore, 1971). The Thor-Odin Gneiss Dome is one of three gneiss domes (Precambrian?) spaced approximately 80 kilometres apart at the eastern extremities of the Shuswap Metamorphic Complex. The east-west trending rocks of the AMF Group consist of gneisses, schists, calc-silicates and marbles of the Mantling Zone and similar metasediments intercalated with pegmatites and lineated quartz monzonite of the Fringe Zone. This assemblage lies to the south of the Thor-Odin Core Zone. The Mantling Zone contains the Big Ledge Deposits and rocks of the Fringe Zone become more prominent in the southern portions of the property. The sequence is estimated to be several tens of thousands of feet thick.

The succession is generally made up of heterogeneous mixtures of schist and gneiss, quartzite, calc-silicate gneiss, marble and amphibolite over the northern part of the claim group. In the south, the gneisses and schists give way to leucocratic lineated quartz monzonite and intercalated pegmatites with lesser amphibolitic rocks. These Fringe zone rocks have also been noted in the north western portion of the claim group. The cliffs in the south and southwest of the claims have not been observed to date.

Most of the gneisses and schists observed are generally graphitic, containing varying concentrations of flake graphite. Gneissic varieties include quartz-feldspar gneiss and quartz-feldspar-biotite gneiss. The predominant schist type on the property is a sillimanite-garnet-mica schist. Quartz-sericite-biotite schist has also been noted. Calc-silicate gneisses with hornfelsic banding is also a dominant lithology, especially in the northern half. Prominent marble bands have been observed in the northwest of the claims and large massive bands trend east-west through the Vanstone Creek draw and across the mountain slopes immediately above the cliffs in the western half of the claims. Amphibolites occur throughout the property, forming narrow bands and lenses.

Structure

The structure of the northern portion of the AMF property has been previously observed by geologists as being dominated by a series of east-west trending open to tight folds. These generally dip shallowly to the south and are overturned to the north. The plunge is variable to the east and west. The mineralized Ledge Horizon itself is a tight antiform which is inclined to the south and overturned to the north (Hoy,1975; Reesor and Moore,1971).

Although minor anticlinal folding has been noted by the authors on the eastern portion of the claims, the overall structure appears to be a sequence of rocks which are gently inclined to the south. Even rocks of the Fringe Zone seem to follow this inclination. Also the so-called intrusive rocks of the Fringe Zone appear to be conformable with intercalated gneisses, schists and amphibolites. Rodding is common in gneisses and schists.

Prominent north-northwest trending air-photo lineaments (creek draws) in the west and southern portions of the property give way to east-west trending lineaments in the east.

Mineralization

Countless rusty-weathering schists, gneisses and amphibolitic outcrops occur throughout the property. These contain various concentrations of disseminated pyrrhotite and/or pyrite and often minor amounts of chalcopyrite and/or bornite. Most often mineralized zones exhibit strong silicification and moderate to strong chloritization. The most impressive discovery to date is a silicified amphibolite found along the eastern claim boundary and overlain by pegmatites and leucocratic lineated quartz monzonite(chert horizons?). The dark green, rusty weathering amphibolite consists of semi-massive chalcopyrite, bornite, pyrite and pyrrhotite.

Massive sulphide layers in the Ledge Horizon consist of medium to coarse-grained pyrrhotite or pyrite and black-jack sphalerite. Sphalerite crystals are commonly aligned parallel to layering in nearby schists. Mineral zoning is common in sulphide layers (ie: pyrite-sphalerite core with pyrrhotite-minor sphalerite rims).

1990 FIELD WORK

Grid Establishment

A six kilometre long east-west baseline was established along the claim boundaries between the four-post claim series and the two-post claims, across the northern portion of the property. Lines were run perpendicular to the baseline, perpendicular to known stratigraphy. A total of 26 line kilometres were established over the property. Many lines were shortened on the south end due to excessively steep and rugged terrain. Lines were flagged at 50 metre intervals for subsequent surveys.

Soil and Stream Sediment Sampling Survey

Soil samples were collected at 50 metre intervals where possible. B-horizon soils were targeted and C-horizon samples were taken where B-horizon soils were not developed within a 25 metre radius of the station. Organic-rich soils were not acceptable for this survey. A total of 449 soil samples were obtained over the established grid.

Stream sediment samples were collected from streams over the grid area, which provided adequate silt-sized particles for sampling purposes. A total of 17 stream sediment samples were obtained in this survey.

All samples were dried in Nakusp and subsequently delivered to Eco-Tech Laboratories Ltd. in Kamloops. All samples were put through a 30 element ICP analysis, which uses Aqua Regia Digestion (Appendix 1).

Prospecting, Geological Mapping and Rock Sampling Survey

Several rust-weathered outcrops were encountered over the grid area. These were prospected for presence of sulphide mineralization. The rocks containing greater amounts of pyrite, pyrrhotite and/or chalcopyrite were sampled and delivered to Eco-Tech Laboritories in Kamloops for ICP analysis. A total of 13 rocks were submitted for analysis.

As most of the claim group has been previously mapped (Reesor and Moore,1971; T.Hoy,1975) not much time was focused on extensive geological correlations. Geological field observations were made mostly during the course of other surveys and mineralized areas were concentrated on.

The continuity of east-west trending marble bands across the property are the most striking feature (MAP 2). Calc silicate gneiss bands appear to be relatively thick compared to the other gneissic and schistose horizons. Sillimanite-biotite-garnet schists may prove to be good marker horizons, as they commonly overlie Fe-rich metasediments. Dissseminated flake graphite is prevalent in all lithologies observed to date. Amphibolite horizons appear to be thin and harder to trace along strike than most lithologies. Most outcrops have been observed as dipping moderately towards the south. Dips appear to shallow substantially towards the south of the property.

Magnetometer Survey

During the months of August and September, a Scintrex MF-2 Fluxgate Magnetometer was rented from Scintrex in Vancouver. A base station was set up at 40+00E/5+00S and all mag-line surveys were referenced to this station for field control purposes and to calculate diurnal variations as accurately as possible.

FIELD RESULTS and OBSERVATIONS

Soil and Stream Sediment Results

The soil and stream sediment sampling program produced anomalous values of the elements Cu, Zn, Ba and Fe in several areas throughout the sampling area. Pb was also used in defining anomalies, but values were generally very low.

Anomalous values were chosen as follows:

Cu - greater than 59 ppm (8% of the sample population)

Zn - greater than 199 ppm (7% of the sample population)

Ba - greater than 159 ppm (8% of the sample population)

Fe - greater than 4.99% (8% of the sample population)

Pb - greater than 39 ppm (6% of the sample population)

Strongly anomalous values were considered as follows:

Cu - greater than 79 ppm (2% of the sample population)

Zn - greater than 299 ppm (2% of the sample population)

Ba - greater than 239 ppm (2% of the sample population)

Fe - greater than 5.99% (2% of the sample population)

Pb - greater than 59 ppm (2% of the sample population)

Background values for the respective elements were considered to be as follows:

Cu - less than 40 ppm

Zn - less than 140 ppm

Ba - less than 120 ppm

Fe - less than 4.00%

Pb - less than 25 ppm

These average at approximately 75% of the population group.

Anomalous geochemical zones have been drawn up in pronounced east-west directions to follow the trend of the local stratigraphy. Numerous coincident anomalous zones occur across and along stratigraphic horizons within the map area (MAP 1). A few of the more obvious anomalies are discussed below.

ANOMALY 1 trends west by northwest for 1 kilometre across the southeastern portion of the claim block. It exhibits moderate to strong anomalous Cu values and strong Fe values.

ANOMALY 2 swoops westerly immediately north of Anomaly 1 for 1.5 kilometres and shows moderate to strong Cu values, moderate Zn values, moderate Ba values and moderate to strong Fe values.

ANOMALY 3 trends westerly immediately north of Anomaly 2 for 1 kilometre and exhibits moderate to strong Zn values and moderate Fe values.

In a proposed geologic model these three zones may represent a lateral zonation from proximal (Anomaly 1) to distal (Anomaly 3) away from the vent source of mineralization, or conversely may represent a vertical zonation with Anomaly 1 (Cu-rich) being nearer the base of the system and Anomaly 3 (Zn-rich) being closer to the top of a system.

ANOMALY 4 strikes westerly across the northwestern corner of the property and exhibits moderate to strong Fe values and isolated strong Cu, Zn and Pb values.

ANOMALY 5 lies isolated along the southwestern border of the property and shows strong Zn values and moderate to strong Ba values.

Other westerly-trending coincident anomalies outlined on MAP 1 deserve finer definition as do the aforementioned anomalies, but this preliminary sampling program shows that there are definate anomalous trends across the AMF property. Their proximity and stratigraphic relationships to the mineralized Ledge Horizon serves as a propulsion to carry out further exploration surveys.

Rock Sampling Results

Of the thirteen rock samples collected on the property all were taken in soil geochemically anomalous areas. All samples contained observed pyrite or pyrrhotite mineralization. ICP analyses showed Cu and Fe to be the most anomalous elements, being most often supported by anomalous values of Mn (greater than 500 ppm). No samples showed greater than 200 ppm Zn.

A sample of silicified amphibolite from Anomaly 2 presented the best values of 991 ppm Cu and 8.06% Fe, although this was a disappointment from what was expected from a semi-massive sulphide. The mineralized amphibolite horizon in this case is barely exposed below nearly flat-lying lineated quartz monzonite and pegmatitic (chert horizon?) outcrop. The rock sample had 10 to 15% sulphides(chalcopyrite-bornite-pyrite-pyrrhotite). It was rusty weathering and very dense. Another rock sample from this anomalous area showed 99 ppm Cu.

Appreciable values were also obtained from an Anomaly 1 rock sample, which ran 470 ppm Cu and 8.79% Fe. Here a chloritized quartz-feldspar orthogneiss with amphibolite bands contained approximately 5% disseminated pyrrhotite, chalcopyrite and pyrite. The mineralized horizon was again underneath relatively flat-lying pegmatitic rocks. This sample also showed an elevated Co content of 104 ppm and Ni content of 150 ppm. Another rock sample from this area showed weakly anomalous Cu (74 ppm).

A rock sample collected from a possible easterly extension of Anomaly 3 showed 10.27% Fe and 73 ppm Cu as well as anomalous Mn. The rock contained disseminated and stringer pyrrhotite in flat-lying calc-silicate gneisses and garnet schists with pegmatitic horizons.

One of the smaller anomalies in the northeast of the map sheet at 40+50E/7+50S exhibited strong readings of Cu (327 ppm), Fe (15.00%) and Mn (566 ppm) from silicified and strongly pyritized calc-silicate gneiss with intercalated amphibolite. The rock units here strike westerly and dip 20° to the south.

A rock sample collected from Anomaly 4 showed 113 ppm Cu and 589 ppm Mn. This Fe-rich, rusty-yellow weathering quartz-sericite-biotite gneiss is interbedded with a massive marble unit. As with many rocks on the property, the outcrop was strongly graphitic with some hornfelsing, but there was no visible sulphides.

On the cliffs immediately west of Duchess Lake (5+00S/9+25E) intercalated quartz-feldspar-biotite gneiss, lineated quartz monzonite and pegmatite with minor amphibolites contain narrow(less than 1 metre) lenses of strong Fe-stained material. Bleached and silicified samples showed disseminated pyrites on fresher surfaces. The host rocks are graphitic. The lithologies in this area strike 280° and dip 36° to the south. A sample of the mineralized horizons showed 83 ppm Cu and 5.39% Fe.

Five of the sulphidic rocks samples collected did not exhibit anomalous values in any of the 30 elements (Table 1).

TABLE 1
1990 AMF ROCK DESCRIPTIONS

1. 10+00E/14+15S - Fe-rich,rusty and yellow weathering,fine grained quartz-sericite-biotite gneiss interbedded with white marble unit;strongly graphitic;some hornfelsing;no visible sulphides
ANALYSIS - STRONG CU,MN

2. 13+00E/ 8+00S - fine grained quartz-feldspar graphitic gneiss rusty weathering;rodding and strongly crenulated felsic dyke(30 cm),attidude 100/85
quartz boudins;po and py in quartz and silicified zones
ANALYSIS - WEAK

3. 30+00E/ 7+24S - rusty weathering quartz-sericite-biotite schist; strongly graphitic;5% diss. po,py and trace cpy
rod structures;attitude 110/72
ANALYSIS - WEAK

4. 30+50E/ 8+00S - calc-silicate gneiss with abundant flake graphite;moderate chlorite alteration; hornfels banding;minor diss. po & py
ANALYSIS - WEAK

5. 35+00E/ 5+25S - calc-silicate gneiss with abundant flake graphite;few thin hornfels bands;light green colouration(sericite?)
weak diss. & frac. po,py and trace cpy,born.
ANALYSIS - WEAK

6. 49+00E/10+00S - dark purple,sillimanite-biotite-garnet augen gneiss;rusty weathering with weak diss. po,py, cpy; in contact with calc-silicate gneiss with weak diss. po,py,cpy;abundant chlorite
ANALYSIS - WEAK

7. 57+00E/28+50S - chloritized quartz-feldspar orthogneiss dark green amphibolite bands; rusty weathering;5% diss.po,cpy,py
flat lying underneath pegmatite
bleached frags. and quartz in amphibolite
ANALYSIS - STRONG CU,FE,CO,NI

8. 58+00E/29+50S - fine grained,rusty weathering quartz-
feldspar gneiss;abundant flake graphite
weak to trace py,po,cpy
ANALYSIS - WEAK

9. 60+00E/21+30S - silicified amphibolite with disseminated
and semi-massive cpy,born,py,po (10to20%)
dark green, medium to coarse grained
rusty weathering and very dense
ANALYSIS - STRONG CU,FE

10. 9+25E/ 5+00S - 10 cm to 1 m wide lenses of bleached
and silicified zones in intercalated
quartz monzonites,pegmatites and quartz
feldspar-biotite gneiss(graphitic)
strong Fe white and yellow staining
diss. sulphides in fresher samples
attitude 110/36
ANALYSIS - WEAK

11. 40+50E/ 7+50S - strongly Fe-stained calc-silicate gneiss
and lense of amphibolite
semi-massive py associated with strong
silicification
attitude 90/20
ANALYSIS - STRONG CU,FE,MN

12. 58+00E/22+25S - Fe-rich,siliceous,graphitic metasediments
underlying flat-lying pegmatites and
quartz monzonites with lesser amphibolite
ANALYSIS - WEAK CU

13. 68+00E/15+00S - flat-lying pegmatites oberly rusty calc-
silicates and garnet schists containing
disseminated po
ANALYSIS - STRONG FE,MN

*(refer to Appendix 1 for individual sample analyses)

Magnetometer Results

The magnetometer survey, in general, was disappointing. The fluxgate system may be somewhat antiquated in trying to tie in readings from such a large area. The timing factor between running lines and tieing into the base station is thought to have presented a major error factor.

Reading correlation between such widely-spaced lines was difficult. An arbitrary figure of greater than 800 gammas was chosen as anomalous (MAP 3). The resultant magnetic anomalies are dispersed throughout the sampling area. Only "Mag Highs" are considered anomalous in this survey due the characteristic deposit/mineralization type.

Worthy of note is that Soil Anomalies 1,2, and 3 also exhibit coincident magnetic anomalies. Strong mag anomalies also occur immediately up-slope from Soil Anomalies 4 and 5. Other linear soil anomalies also have coincident mag anomalies.

Short test surveys run over portions of the Ledge Mineralized Horizon showed anomalous values between 2500 to 10,000 gammas. On the AMF property, the strongest mag anomalies generally occur in the northern half, closest to the Ledge. It is thought that other rock units such as the pegmatite and lineated quartz monzonite, observed overlying mineralization in the southeast, may well mask the magnetic signature of underlying mineralized horizons.

CONCLUSIONS

The 1990 prospecting, geochemical and magnetometer surveys on the AMF Group of Claims succeeded in defining the existence of anomalous base metal mineralization on the down-dip extension of the Big Ledge Zinc Horizon. This preliminary survey was much too grass-roots to define any definate drill targets, but coincident Cu, Zn, Ba, Fe soil, stream sediment and rock anomalies, combined with moderate anomalous magnetometer highs serve as a positive guide to further exploration.

The proximity to the low-grade, large tonnage Big Ledge Deposit combined with anomalous copper mineralization within the same metasedimentary sequence, down-dip, points towards a large tonnage Cu,Zn:Au exploration target of the Kieslager Type.

DISCUSSION

The Ledge Horizon has been known as a large-tonnage low-grade zinc deposit since the middle of the 20th century. Several deposits along strike of the horizon combine to form a resultant tonnage of greater than 100 million tons of 4% zinc. The deposits are not well-documented publicly due to the continuous retention of ownership over the years.

The surrounding areas both along strike and to a lesser degree on the down-dip have been periodically explored over the years, with no enticing results.

Although by no means a comprehensive survey, the results of the preliminary field work on the AMF Property show it to have more attraction than merely low grade zinc deposits. On the contrary, zinc results have been astonishingly poor throughout the program. Where they have fallen, the suggestion of stronger copper mineralization towards the south have improved the possibilities of the area.

As expected, this mineralization is not poking out obtrusively at the lower elevations, but appears to be associated with silicified amphibolite lenses underlying lineated quartz monzonite and pegmatitic rocks, perhaps recrystallized chert??

The closest model probable for the area is a Kieslager-Type(Besshi-Type) massive base metal sulphide deposit; a deposit type that has not been well recognized in Canada, although it is predominant in several mineral belts throughout the world(ie: the eastern Alps of Austria and Italy, the Apennines of Italy, the Sanbagawa terrain in Japan, the Norwegian Caledonides, Outokumpu Region in Finland and the Blue Ridge belt of Southeastern U.S.A.). The Ledge deposit and AMF property are thought to lie within such a belt which extends nothward up the Columbia Valley and incorporates such mining camps as the Jordan River and Goldstream.

KIESLAGER TYPE massive base metal deposits are generally defined as highly metamorphosed CU-ZN:AU deposits. Volcanic rocks are generally mafic(tholeiitic?) or amphibolitc. Clastic rocks present are commonly greywackes and shales or biotite-amphibolite schists in metamorphic equivalent. The tectonic environments of formation are trenches or areas of subsidence and compression. The age of known deposits is Lower Proterozoic to Upper Paleozoic (1.2 to 0.8 billion years).

The size of these deposit types runs between 3.0 and 77.0 million tonnes averaging 1 to 3% Cu, 0.5 to 5.9% Zn, 0 to 0.7 g/t Au, 3 to 35 g/t Ag and may contain appreciable amounts of Co. Only a few anomalous Co results have been obtained from the AMF Property.

TABLE 2
COMPARISONS BETWEEN AMF/LEDGE
AND OTHER KIESLAGER TYPE DEPOSITS

AGE

- AMF/Ledge	- Lower Proterozoic to Lower Paleozoic
- Besshi	- Upper Paleozoic
- Norway(Trondheim)	- Ordovician
- Finland(Outokumpu)	- Lower Proterozoic
- SW Africa(Matchless)	- Upper Proterozoic
- USA(Blue Ridge)	- Upper Proterozoic
- Canada(Goldstream)	- Eocambrian
(Sherridan)	- Lower Proterozoic

LITHOLOGIES

- AMF/Ledge	- marbles,calc-silicate gneisses,biotite schists,qtz -fspar gneisses,sillimanite-biotite garnet schists pegmatites and quartz monzonite,amphibolite unconformably overlying older Thor-Odin Gneiss Dome
- Besshi	- sandstone,mudstone,siltstone,argillite,arenite, basalt,minor limestone unconformably overlying PC sialic basement
- Norway	- basalts enclosed in thick arenaceous to argillaceous sediments unconformably overlies Baltic Shield
- Finland	- greywake,graphitic argillite,dolomite,chert, serpentinite unconformably overlies older Archean basement
- Blue Ridge	- highly deformed and metamorphosed sialic basement derived clastics arkose,greywake,shale,conglomerate graphitic argillite,minor carbonate and amphibolite (correlation between economic deposits and amphibolite) unconformably overlie core gneisses
- Goldstream	- siliceous sericite-chlorite-biotite phillite, calcareous graphitic phyllite,limestone, garnet-chert phyllite,greenstone

HOST ROCKS

- AMF	-	amphibolites, pegmatites and qtz-monzonite, biotite schists
- Ledge	-	calcareous graphitic schist interlayered with calcareous quartzite, calc-silicate gneiss and marble sillimanite-mica-garnet schists on footwall and hangingwall minor amphibolite on footwall
- Besshi	-	qtz-rich rocks in footwall underlain by metabasalt overlain by meta-argillites mag-bearing qtz-garnet rock in footwall and hangingwall
- Norway	-	chlorite schist,qtz-muscovite schist
- Finland	-	serpentinite footwall recrystallized chert(quartzite) is host and contains interlayered carbonate graphitic pelite is hangingwall
- Blue Ridge	-	quartzite(recrystallized chert) and carbonate also greywake, aluminous graphitic argillite,arkosic microconglomerate,chlorite(biotite-garnet) schist
- Kieslager	-	chloritic hangingwall disseminated zone ore horizon at contact between thin-banded mafic tuff and overlying calcareous mica schist
- Goldstream	-	enclosed in quartzites and siliceous phyllites and minor limestone garnet-chert zone in hangingwall local greenstone

DEPOSIT FORM

- AMF	-	tabular with several kilometre strike potential thickness and plunge extent unknown
- Ledge	-	tabular with strike length of more than 14 km. bands in 41m wide zone average 3.5m thickness
- Besshi	-	tabular with 1.7km strike length 3.5km down-plunge extent 3 metres thick
- Norway	-	pencil,shaped parallel zones 40 to 80 metres strike, 2.5km plunge, 3.5 metres thick
- Finland	-	4.0 km strike, 300m down-dip extent, 10 metres thick
- Goldstream	-	500 metre strike length, 1.2 km plunge extent 1 to 3 metres thick

ORE MINERALS

- AMF/Ledge	- po,sph,py,cpy
- Besshi	- cpy,py,sph,mag,hem
- Norway	- py,sph,cpy + minor gn,aspy,tet
- Finland	- po,cpy,py,sph + minor pent
- Blue Ridge	- po,py,cpy,sph,mag
- Goldstream	- po,cpy,sph (py rare)

In summary, most of these deposits occur in thick assemblages of metasedimentary eugeosynclinal sequences unconformably overlying older cratons. Most deposits exhibit stronger affinities towards larger amounts of mafic igneous rocks. The Blue Ridge Deposits like those of the Ledge/AMF show relative paucity of these rocks, but conformable bodies of amphibolite are nearly always present in the vicinity of mineral occurrences. Ore zones most always have a strong silica content and metamorphosed equivalents of chert-iron formations are generally in the nearby vicinity. Graphitic horizons are also common.

The model fits the study area, but much work is needed to define the presence of sizeable deposits in the AMF vicinity.

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STATEMENT OF COSTS

LABOUR

1 Geologist .. 33 days @ 200/day = 6600
1 Prospector.. 34 days @ 150/day = 5100
11700 .... $ 11,700.00

GEOCHEMICAL ANALYSIS

466 soils & str.seds.@$8/sample = 3728.00
13 rocks @ 10.75/sample = 139.75
3867.75 .... $ 3,867.75

MAGNETOMETER RENTAL	$	910.20
FREIGHT CHARGES	$	247.69
FIELD EQUIPMENT	$	461.88
FOOD SUPPLIES	$	578.88
TRANSPORTATION (vehicle lease, fuel, maintenance)	$	1,701.90
DRAFTING,REPORT AND OFFICE SUPPLIES	$	211.70
REPORT PREPARATION (5 DAYS @ 200/DAY)	$	1,000.00
TOTAL 1990 COSTS	$	20,680.00

STATEMENT OF QUALIFICATIONS

I, Delbert W. Ferguson, of Nakusp, Province of British Columbia, do herby state that;

I am a practicing geologist.

I have practiced my profession for over 12 years throughout Canada.

I am a Fellow Member of the Geological Association of Canada.

I received an Honours B.Sc. Degree in Geology from the University of Western Ontario, London, Ontario, Canada in 1979.

This report is was prepared by myself, based on work completed by myself and R.E. Allen from July 11 to September 23, 1990 on the AMF property and on material available from historical reports on the Big Ledge Property and pertinent research material.

I am part owner of the AMF property and have direct interest in the property herein discussed.

Dated at Nakusp, B.C.
this 12th day of November 1990.

Delbert W. Ferguson

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GEOCHEMICAL LABORATORY METHODS

SAMPLE PREPARATION (STANDARD)

1. Soil or Sediment: Samples are dried and then sieved through 80 mesh nylon sieves.

2. Rock, Core: Samples dried (if necessary), crushed, riffled to pulp size and pulverized to approximately -140 mesh.

3. Heavy Mineral Separation: Samples are screened to -20 mesh, washed and separated in Tetrabromothane. (SG 2.96)

METHODS OF ANALYSIS

All methods have either certified or in-house standards carried through entire procedure to ensure validity of results.

1. Multi-Element Cd, Cr, Co, Cu, Fe (acid soluble), Pb, Mn, Ni, Ag, Zn, Mo

Digestion	Finish
Hot aqua-regia	Atomic Absorption, background correction applied where appropriate

A) Multi-Element ICP

Digestion	Finish
Hot aqua-regia	ICP

2. Antimony

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

3. Arsenic

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

4. Barium

Digestion	Finish
Lithium Metaborate Fusion	I.C.P.

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5. **Beryllium**

Digestion	Finish
Hot aqua regia	Atomic Absorption

6. **Bismuth**

Digestion	Finish
Hot aqua regia	Atomic Absorption

7. **Chromium**

Digestion	Finish
Sodium Peroxide Fusion	Atomic Absorption

8. **Fluorine**

Digestion	Finish
Lithium Metaborate Fusion	Ion Selective Electrode

9. **Mercury**

Digestion	Finish
Hot aqua regia	Cold vapor generation - A.A.S.

10. **Phosphorus**

Digestion	Finish
Lithium Metaborate Fusion	I.C.P. finish

11. **Selenium**

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

12. **Tellurium**

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.
Potassium Bisulphate Fusion	Colorimetric or I.C.P.

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13. Tin

Digestion	Finish
Ammonium Iodide Fusion	Hydride generation - A.A.S.

14. Tungsten

Digestion	Finish
Potassium Bisulphate Fusion	Colorimetric or I.C.P.

15. Gold

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Atomic Absorption

16. Platinum, Palladium, Rhodium

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Graphite Furnace - A.A.S.

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FAX - 604-573-4557

2731 10th AVE. S.E.
SALMON ARM, B.C.
V1E 2J1

AUGUST , 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: AMF 90
467 SOIL SAMPLES RECEIVED JULY 30, 1990

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 1	0 + 00 E 5 + 00 S	.2	3.98	25	8	70	(5	.16	(1	12	51	36	3.85	.1	10	.62	148	1	.03	22	1000	26	10	(20	14	.17	(10	72	10	3	127
388 - 2	0 + 00 E 5 + 50 S	.2	8.20	15	8	40	(5	.69	(1	20	25	75	3.49	.06	30	.42	562	1	.08	27	1660	24	15	(20	59	.14	10	46	40	14	163
388 - 3	0 + 00 E 6 + 00 S	.2	7.36	20	22	75	(5	2.79	(1	18	32	66	3.09	.1	30	.58	416	4	.28	38	2790	30	10	(20	212	.08	(10	39	(10	7	109
388 - 4	0 + 00 E 6 + 50 S	.2	4.58	25	6	65	(5	.80	(1	10	36	36	2.62	.12	10	.61	167	5	.08	25	3110	40	10	(20	70	.04	10	46	(10	5	106
388 - 5	0 + 00 E 7 + 00 S	.2	5.79	15	18	55	(5	1.22	(1	11	34	40	2.63	.08	20	.58	119	3	.14	26	2300	38	10	(20	90	.07	10	49	20	5	83
388 - 6	0 + 00 E 7 + 50 S	.2	5.11	25	12	65	(5	.64	(1	7	25	31	1.98	.05	10	.46	92	1	.09	19	2230	36	10	(20	53	.08	(10	40	20	4	60
388 - 7	0 + 00 E 8 + 00 S	.2	3.82	30	14	70	(5	1.13	(1	7	30	28	1.97	.08	10	.59	184	3	.14	14	2330	124	10	(20	86	.05	(10	41	(10	2	57
388 - 8	0 + 00 E 8 + 50 S	.2	3.67	15	4	50	(5	.21	(1	7	23	28	2.70	.02	10	.24	110	1	.05	13	1090	24	10	(20	18	.09	10	45	(10	2	47
388 - 9	0 + 00 E 9 + 00 S	.4	3.78	40	12	90	(5	1.71	(1	18	23	38	2.29	.07	30	.44	2475	4	.12	27	2670	122	10	(20	111	.03	10	37	30	8	153
388 - 10	0 + 00 E 9 + 50 S	.2	4.77	15	12	50	(5	1.75	(1	17	20	59	2.51	.03	30	.41	860	1	.15	38	2760	32	5	(20	117	.03	(10	34	(10	10	116
388 - 11	0 + 00 E 10 + 00 S	.2	4.95	20	8	75	(5	2.33	(1	31	40	53	2.87	.04	70	.63	1236	1	.19	48	1810	44	10	(20	175	.09	(10	56	20	23	143
388 - 12	0 + 00 E 10 + 50 S	.2	2.56	10	14	95	(5	.61	(1	15	58	29	4.56	.05	20	.74	217	4	.05	22	700	20	10	(20	43	.29	10	90	(10	2	78
388 - 13	0 + 00 E 11 + 00 S	.2	5.73	20	20	110	(5	.93	(1	12	38	46	3.24	.12	20	.66	506	1	.09	29	1830	20	15	(20	83	.09	(10	54	10	3	86
388 - 14	0 + 00 E 11 + 50 S	.2	4.62	25	24	60	(5	1.14	(1	23	41	38	3.14	.12	40	.90	929	3	.12	38	1710	22	10	(20	100	.09	(10	48	20	10	121
388 - 15	0 + 00 E 12 + 00 S	.2	4.27	20	28	135	(5	1.15	(1	24	69	33	3.79	.16	30	1.37	1025	3	.12	36	1430	22	15	(20	174	.15	(10	73	10	5	139
388 - 16	0 + 00 E 12 + 50 S	.2	3.86	20	28	120	(5	.85	(1	19	71	30	4.42	.16	20	1.16	416	(1	.10	31	970	26	15	(20	74	.27	(10	79	20	2	114
388 - 17	0 + 00 E 13 + 00 S	.2	5.10	35	20	85	(5	1.30	(1	19	61	41	3.52	.11	20	1.17	189	5	.13	43	1070	18	15	(20	107	.21	(10	76	10	3	129
388 - 18	0 + 00 E 13 + 50 S	.4	3.34	15	16	180	(5	.62	(1	26	78	32	4.82	.15	20	1.35	809	(1	.09	41	650	20	5	(20	51	.34	(10	80	(10	2	149
388 - 19	0 + 00 E 14 + 00 S	.4	4.03	15	24	85	(5	.69	(1	16	40	34	3.69	.1	20	.70	237	3	.08	36	1090	18	10	(20	61	.18	(10	63	(10	4	145
388 - 20	0 + 00 E 14 + 50 S	.6	3.73	10	12	95	(5	.85	(1	30	47	40	3.77	.13	30	.86	3255	(1	.06	34	1290	18	15	(20	60	.13	(10	64	20	12	154
388 - 21	0 + 00 E 15 + 00 S	.4	4.34	25	14	70	(5	.62	(1	21	46	34	4.02	.14	10	.83	443	1	.08	36	1140	28	10	(20	53	.24	(10	76	10	3	129
388 - 22	0 + 00 E 15 + 50 S	.2	.92	10	12	70	(5	.10	(1	12	24	10	2.41	.06	10	.24	124	(1	.02	12	300	20	5	(20	9	.32	(10	100	(10	1	51
388 - 23	0 + 00 E 16 + 00 S	.2	2.89	15	14	55	(5	1.71	(1	18	62	26	3.73	.11	10	.86	248	(1	.07	36	680	22	10	(20	81	.22	(10	73	20	4	139
388 - 24	0 + 00 E 16 + 50 S	.4	4.30	10	10	70	(5	.59	(1	26	61	38	4.95	.11	20	.92	348	2	.04	43	840	22	15	(20	37	.28	(10	88	10	7	142
388 - 25	0 + 00 E 17 + 00 S	.4	1.81	15	14	85	(5	.13	(1	18	53	25	4.10	.09	10	.52	309	(1	.03	33	650	26	5	(20	14	.30	(10	96	10	1	102
388 - 26	0 + 00 E 17 + 50 S	.4	2.30	15	20	175	(5	.20	(1	24	115	39	5.08	.15	10	.98	270	1	.03	60	940	24	10	(20	21	.30	(10	101	10	2	119

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PAGE 2

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 27	0 + 00 E 18 + 00 S	.4	1.88	10	14	90	<5	.12	<1	15	48	25	3.88	.09	10	.60	230	<1	.03	31	710	18	5	<20	12	.33	<10	95	10	1	102
388 - 28	0 + 00 E 18 + 50 S	.2	1.35	25	16	90	<5	.25	<1	15	46	26	3.15	.1	10	.46	173	3	.04	32	860	40	<5	<20	22	.23	<10	77	10	1	89
388 - 29	0 + 00 E 19 + 00 S	.4	6.57	15	16	255	<5	.45	<1	31	83	66	4.58	.33	20	1.30	233	<1	.05	76	1790	22	10	<20	37	.24	<10	89	20	5	142
388 - 30	0 + 00 E 19 + 50 S	.8	2.15	5	6	145	<5	.24	<1	23	57	27	5.57	.11	10	.61	177	2	.03	40	700	20	5	<20	19	.43	<10	114	40	1	110
388 - 31	0 + 00 E 20 + 00 S	.4	2.73	20	16	170	<5	.37	<1	25	64	36	4.97	.12	10	.79	511	4	.04	49	1280	24	<5	<20	35	.33	<10	104	20	2	163
388 - 32	0 + 00 E 20 + 50 S	.2	3.50	5	24	360	<5	1.08	<1	23	71	41	3.71	.41	10	1.09	1100	<1	.06	53	1910	24	15	<20	82	.22	<10	76	10	2	181
388 - 33	0 + 00 E 21 + 00 S	.4	3.81	10	20	175	<5	.54	<1	31	77	39	4.77	.18	10	1.08	758	<1	.06	54	1920	20	10	<20	46	.28	<10	88	20	3	183
388 - 34	0 + 00 E 21 + 50 S	.4	4.01	5	16	130	<5	.45	<1	26	53	36	3.27	.14	10	.74	466	4	.05	39	1430	22	10	<20	28	.24	<10	74	<10	2	152
388 - 35	0 + 00 E 22 + 00 S	.2	2.82	<5	6	185	<5	.89	<1	18	48	37	3.02	.12	10	.61	270	<1	.05	39	2010	20	10	<20	50	.17	<10	67	<10	3	77
388 - 36	0 + 00 E 22 + 50 S	.4	3.16	10	<2	155	<5	.40	<1	23	53	36	3.40	.17	10	.73	326	<1	.04	46	2030	22	5	<20	23	.23	<10	79	10	2	107
388 - 37	0 + 00 E 23 + 00 S	.2	3.89	10	10	190	<5	.59	<1	22	51	27	3.10	.14	10	.64	408	<1	.05	46	1330	16	10	<20	38	.24	<10	72	20	2	130
388 - 38	0 + 00 E 23 + 50 S	.4	2.91	5	2	215	<5	.64	<1	28	60	22	3.25	.14	10	.74	1974	1	.05	45	1340	20	5	<20	38	.23	<10	79	10	2	132
388 - 39	0 + 00 E 24 + 00 S	.2	3.61	10	8	140	<5	.33	<1	29	75	24	4.86	.11	10	.89	363	4	.06	33	710	16	10	<20	23	.31	<10	99	20	2	139
388 - 40	0 + 00 E 24 + 50 S	.2	3.66	10	6	110	<5	.29	<1	17	45	17	3.55	.07	<10	.47	241	2	.06	15	1090	18	5	<20	20	.27	<10	81	10	2	113
388 - 41	0 + 00 E 25 + 00 S	.2	2.60	10	6	165	<5	.30	<1	18	47	11	3.38	.06	<10	.51	315	1	.07	9	710	14	10	<20	24	.23	<10	77	<10	1	100
388 - 42	0 + 00 E 25 + 50 S	.6	.92	5	4	245	<5	.32	<1	15	24	3	2.26	.12	<10	.29	3349	1	.05	<1	600	34	5	<20	22	.23	<10	58	10	1	101
388 - 43	0 + 00 E 26 + 00 S	.2	3.75	10	8	175	<5	1.67	<1	28	78	38	4.18	.15	10	1.03	1437	<1	.08	39	960	28	10	<20	62	.23	<10	94	10	5	136
388 - 44	0 + 00 E 26 + 50 S	.4	2.02	5	4	135	<5	.22	<1	14	31	12	2.91	.06	10	.37	2063	5	.06	13	1440	16	5	<20	13	.16	<10	110	20	2	245
388 - 45	0 + 00 E 27 + 00 S	1.4	5.96	15	16	130	<5	.53	<1	23	51	44	3.56	.1	<10	.78	373	9	.08	61	2080	14	10	<20	30	.02	<10	143	20	<1	378
388 - 46	0 + 00 E 27 + 50 S	.6	2.05	5	8	120	<5	.16	<1	20	31	15	4.27	.04	<10	.34	1306	5	.07	17	1560	28	5	<20	15	.26	<10	147	20	2	325
388 - 47	0 + 00 E 28 + 00 S	.8	2.30	<5	4	390	<5	.60	8	30	62	25	4.36	.14	10	.77	2331	1	.06	43	1750	24	5	<20	34	.30	<10	138	30	2	604
388 - 48	0 + 00 E 28 + 50 S	1.0	6.53	15	8	125	<5	.97	16	20	42	57	3.24	.06	20	.33	4277	<1	.09	34	2800	28	10	<20	27	.17	20	67	20	15	599
388 - 49	0 + 00 E 29 + 00 S	.6	1.74	5	8	95	<5	.10	<1	14	57	31	4.51	.17	10	.52	173	4	.08	28	670	22	<5	<20	9	.35	<10	111	10	2	82
388 - 50	0 + 00 E 29 + 50 S	.4	1.52	<5	8	65	<5	.06	<1	17	56	30	4.59	.13	10	.37	258	<1	.09	21	1450	20	<5	<20	7	.34	<10	130	<10	2	77
388 - 51	0 + 00 E 30 + 00 S	.8	2.35	5	6	70	<5	.06	<1	15	40	33	3.33	.14	10	.34	328	3	.10	16	980	18	5	<20	7	.24	<10	80	<10	3	64
388 - 52	0 + 00 E 30 + 00 S	.4	.24	<5	8	125	<5	.15	<1	5	11	22	1.13	.04	10	.03	58	<1	.10	5	240	8	<5	<20	17	.07	<10	36	<10	1	33
388 - 53	0 + 00 E 30 + 00 S	.8	2.81	10	4	115	<5	.12	<1	20	66	24	4.63	.17	10	.74	601	1	.10	28	720	14	5	<20	10	.34	<10	113	20	2	148
388 - 54	6 + 00 E 30 + 00 S	.4	.85	<5	10	65	<5	.23	<1	13	31	14	3.54	.08	10	.24	177	1	.11	11	520	22	<5	<20	14	.28	<10	95	<10	1	55
388 - 55	6 + 00 E 30 + 00 S	.2	2.48	<5	14	145	<5	1.35	<1	16	47	20	2.39	.17	10	.69	492	<1	.07	24	1400	20	5	<20	66	.15	<10	57	10	5	139
388 - 56	8 + 00 E 30 + 00 S	.4	1.90	5	10	120	<5	.72	<1	18	61	40	4.07	.11	10	.68	237	2	.06	37	690	26	5	<20	37	.24	<10	100	10	3	76
388 - 57	9 + 40 E 30 + 00 S ST. BK	.4	4.73	10	12	135	<5	1.08	<1	27	56	45	4.55	.13	30	.77	577	2	.08	51	1800	28	15	<20	71	.15	<10	78	110	7	2605
388 - 58	9 + 40 E 30 + 00 S STREAM	INSUFFICIENT SAMPLE					<5		<1																						
388 - 59	10 + 00 E 30 + 00 S	.2	2.10	<5	12	130	<5	.96	<1	11	42	17	2.22	.09	20	.55	181	2	.09	17	1230	10	5	<20	79	.14	<10	65	10	2	180
388 - 60	14 + 00 E 30 + 00 S	.2	2.95	20	14	95	<5	1.17	<1	16	40	40	2.26	.16	10	.66	268	<1	.11	27	1050	36	10	<20	105	.14	<10	48	<10	3	76
388 - 61	18 + 00 E 30 + 00 S	.4	.97	5	6	90	<5	.28	<1	10	30	20	2.68	.05	<10	.22	146	4	.04	16	510	16	5	<20	25	.18	<10	81	<10	1	115
388 - 62	5 + 00 E 2 + 50 S	.4	7.52	10	14	105	<5	1.74	4	26	36	60	4.97	.06	30	.52	1876	4	.12	53	2690	34	20	<20	371	.11	<10	58	50	17	279
388 - 63	5 + 00 E 3 + 00 S	.6	7.67	20	20	130	<5	1.74	<1	37	29	42	5.49	.08	40	.42	2232	2	.12	64	1770	66	15	<20	261	.12	<10	41	50	20	155

ECO-TECH LABORATORIES LTD. DEL W. FERGUSON - ETK 90-388

PAGE 3

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 64	5 + 00 E 3 + 50 S	.6	5.67	15	12	55	(5	.28	(1	23	27	56	3.94	.07	10	.40	2427	(1	.65	29	1870	68	15	(20	49	.12	(10	50	20	8	230
388 - 65	5 + 00 E 4 + 00 S	.2	5.90	10	12	45	(5	.70	(1	23	26	61	2.89	.05	20	.32	503	1	.07	55	1540	8	15	(20	84	.08	(10	39	20	7	113
388 - 66	5 + 00 E 4 + 50 S	.2	6.85	20	12	60	(5	.30	(1	8	22	49	3.01	.04	30	.26	164	3	.05	25	1700	10	15	(20	42	.06	(10	43	10	8	58
388 - 67	5 + 00 E 5 + 00 S	.2	1.72	5	4	35	(5	.15	(1	7	27	15	1.67	.11	10	.37	78	2	.05	9	1400	14	5	(20	16	.15	(10	47	10	1	88
388 - 68	5 + 00 E 5 + 50 S	.2	5.38	10	8	35	(5	.12	(1	8	19	27	2.45	.06	10	.32	266	2	.06	10	1230	8	10	(20	13	.11	(10	42	(10	5	58
388 - 69	5 + 00 E 6 + 00 S	.2	3.99	20	6	20	(5	.09	(1	4	13	14	3.08	.03	10	.20	62	3	.03	3	1020	10	10	(20	8	.14	(10	45	(10	4	30
388 - 70	5 + 00 E 6 + 50 S	.4	5.00	15	2	30	(5	.25	(1	8	17	42	2.59	.04	10	.25	540	5	.04	16	1550	14	15	(20	20	.07	(10	39	(10	3	64
388 - 71	5 + 00 E 7 + 00 S	.2	5.01	15	12	30	(5	.68	(1	9	20	30	2.36	.05	10	.38	448	3	.07	16	1790	18	10	(20	51	.06	(10	39	10	4	85
388 - 72	5 + 00 E 7 + 50 S	.2	6.26	10	24	55	(5	1.32	(1	23	45	68	3.39	.06	30	.80	826	3	.09	56	1080	24	10	(20	109	.14	(10	66	20	17	109
388 - 73	5 + 00 E 8 + 00 S	.4	7.19	20	14	45	(5	1.70	(1	20	27	80	2.98	.04	20	.45	431	4	.10	57	1120	28	20	(20	134	.07	(10	46	30	9	88
388 - 74	5 + 00 E 8 + 50 S	.4	5.19	10	14	25	(5	.39	(1	11	14	39	2.17	.03	10	.25	841	4	.04	14	1700	14	10	(20	26	.06	(10	34	10	3	79
388 - 75	5 + 00 E 9 + 00 S	.2	3.90	15	8	50	(5	.17	(1	7	29	34	3.65	.07	10	.49	200	4	.03	12	1070	18	10	(20	17	.13	(10	63	20	5	89
388 - 76	5 + 00 E 9 + 50 S	.2	6.60	15	10	80	(5	.49	(1	11	29	45	2.96	.11	20	.56	393	4	.04	22	1540	16	15	(20	43	.12	(10	65	20	6	86
388 - 77	5 + 00 E 10 + 00 S	1.2	2.73	75	4	195	(5	1.04	(1	28	98	128	5.30	.07	10	1.45	929	3	.03	43	1070	44	5	(20	59	.15	(10	115	10	6	130
388 - 78	5 + 00 E 10 + 50 S	.2	2.59	10	8	105	(5	1.84	(1	11	35	25	1.81	.16	10	.58	295	3	.05	21	1160	14	5	(20	125	.12	(10	49	50	4	704
388 - 79	5 + 00 E 11 + 00 S	.2	6.84	15	22	145	(5	1.40	(1	29	45	75	3.68	.02	20	.90	1191	4	.02	51	1980	22	15	(20	97	.10	(10	70	10	4	131
388 - 80	5 + 00 E 11 + 50 S	.2	6.45	10	18	80	(5	1.27	(1	22	44	52	3.43	.34	20	.69	863	6	.02	43	1960	18	20	(20	106	.09	(10	56	20	3	91
388 - 81	5 + 00 E 12 + 00 S	.4	8.14	15	20	50	(5	.68	(1	23	29	61	3.44	.11	20	.42	1360	2	.02	36	3010	22	15	(20	68	.09	(10	53	20	5	77
388 - 82	10 + 00 E 5 + 00 S	.6	5.54	25	6	255	(5	.10	(1	35	109	125	8.92	.04	20	1.41	735	6	.06	77	1070	26	15	(20	18	.43	(10	187	10	4	161
388 - 83	10 + 00 E 5 + 50 S	.2	8.42	20	2	70	(5	.22	(1	21	35	54	4.93	.03	20	.49	1308	(1	.02	31	1550	32	15	(20	39	.16	(10	67	10	9	103
388 - 84	10 + 00 E 6 + 00 S	.6	8.88	30	(2	175	(5	.56	(1	21	87	115	5.66	.04	20	1.14	322	4	.07	49	1980	16	20	(20	56	.22	(10	187	40	7	138
388 - 85	10 + 00 E 6 + 50 S	.4	6.98	5	12	60	(5	.33	(1	15	29	46	3.95	.03	10	.48	870	4	.03	21	2550	24	15	(20	37	.10	(10	61	20	5	67
388 - 86	10 + 00 E 7 + 50 S	.2	6.77	15	10	60	(5	.08	(1	10	19	31	2.87	.12	10	.33	120	3	.04	14	850	74	15	(20	10	.22	(10	59	(10	6	35
388 - 87	10 + 00 E 8 + 00 S	.2	5.53	20	6	140	(5	3.68	(1	28	88	74	3.85	.07	40	1.23	278	(1	.08	52	1620	14	10	(20	212	.24	(10	83	20	23	124
388 - 88	10 + 00 E 8 + 50 S	.2	4.29	5	10	125	(5	3.20	(1	21	60	35	4.48	.08	20	.93	1455	(1	.09	36	1710	18	5	(20	197	.21	(10	84	20	8	96
388 - 89	10 + 00 E 9 + 00 S	.2	2.65	5	14	80	(5	1.65	(1	14	40	27	1.79	.06	10	.61	134	4	.03	26	1280	6	5	(20	103	.14	(10	47	10	5	58
388 - 90	10 + 00 E 9 + 50 S	.2	5.54	15	20	165	(5	2.34	(1	28	73	50	3.82	.12	20	1.20	1179	2	.04	62	1400	34	5	(20	270	.22	(10	83	20	5	168
388 - 91	10 + 00 E 10 + 00 S	.2	5.70	10	14	185	(5	2.41	(1	31	69	49	3.90	.11	20	1.15	953	5	.06	62	1570	38	10	(20	266	.22	(10	82	20	5	184
388 - 92	10 + 00 E 10 + 50 S	.2	2.07	10	8	115	(5	1.48	(1	10	33	17	1.79	.18	10	.54	212	1	.03	18	1010	8	5	(20	103	.11	(10	42	30	3	652
388 - 93	10 + 00 E 11 + 00 S	.4	10.38	20	10	65	(5	1.46	(1	15	22	106	3.88	.03	20	.39	376	4	.03	45	2910	22	20	(20	127	.09	(10	52	40	9	131
388 - 94	10 + 00 E 11 + 50 S	.8	8.16	30	2	145	(5	.61	(1	37	71	47	7.75	.29	50	1.48	4605	2	.02	65	2010	68	5	(20	34	.29	(10	99	50	30	289
388 - 95	10 + 00 E 12 + 00 S	.6	8.69	25	2	70	(5	.43	(1	16	35	22	5.13	.12	20	.36	305	3	.05	21	1680	34	20	(20	27	.26	(10	82	30	8	108
388 - 96	10 + 00 E 12 + 50 S	.4	7.83	30	2	150	(5	.47	(1	30	75	37	6.01	.43	20	1.06	384	3	.02	46	1000	26	15	(20	34	.46	(10	130	30	7	191
388 - 97	10 + 00 E 13 + 00 S	.2	4.03	5	8	(5	(5	(.01	(1	24	87	43	7.19	.19	10	.97	445	6	.04	44	970	26	10	(20	11	.33	10	142	10	4	121
388 - 98	10 + 00 E 13 + 50 S	.6	8.02	15	12	(5	(5	.11	(1	24	50	29	4.88	.07	30	.75	3245	3	.04	33	2030	42	20	(20	56	.23	10	85	20	15	193
388 - 99	10 + 00 E 14 + 00 S	.2	3.80	15	(2	85	(5	.08	(1	27	79	55	7.25	.16	10	.93	265	5	.04	46	680	28	10	(20	13	.45	(10	169	(10	4	99
388 - 100	10 + 00 E 14 + 50 S	.2	1.00	(5	4	(5	(5	(.01	(1	7	15	21	2.20	.05	10	.15	56	4	.12	6	600	8	5	(20	(1	.16	(10	28	(10	4	9

ECO-TECH LABORATORIES LTD.   DEL W. FERGUSON - ETK 90-388

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 101	10 + 45 E 30 + 00 S STREAM	.4	4.78	25	4	110	<5	.28	<1	18	72	37	5.51	.12	20	.93	368	8	.10	36	950	48	10	<20	25	.28	<10	112	<10	4	91
388 - 102	12 + 50 E 5 + 50 S	.2	5.09	<5	4	85	<5	.78	<1	20	42	46	2.70	.32	20	.66	519	4	.19	35	930	14	10	<20	60	.15	<10	58	20	5	66
388 - 103	12 + 70 E 5 + 75 S	.8	7.66	5	4	95	<5	.42	<1	25	56	65	4.35	.31	30	.93	993	7	.22	43	1240	18	10	<20	36	.20	<10	97	10	8	108
388 - 104	13 + 50 E 30 + 00 S	.4	6.36	10	<2	55	<5	.34	<1	16	19	68	2.23	.18	30	.30	413	4	.10	16	1330	10	10	<20	25	.06	<10	44	20	7	40
388 - 105	14 + 15 E 30 + 00 S	.2	6.62	5	<2	85	<5	1.12	<1	15	24	61	2.69	.22	20	.41	851	5	.20	27	1410	16	15	<20	100	.07	<10	51	10	6	55
388 - 106	14 + 80 E 30 + 00 S	.4	7.47	5	2	80	<5	.87	<1	16	26	96	3.32	.37	20	.40	896	3	.15	34	1850	20	15	<20	66	.05	<10	57	<10	6	57
388 - 107	15 + 00 E 2 + 00 S	.4	4.82	10	<2	95	<5	.34	<1	13	45	55	4.28	.07	20	.80	680	3	.03	24	950	20	10	<20	30	.14	<10	101	10	4	65
388 - 108	15 + 00 E 2 + 50 S	.4	8.49	10	<2	40	<5	.29	<1	9	14	50	2.67	.08	20	.19	466	3	.03	16	1220	14	15	<20	27	.13	<10	46	20	7	25
388 - 109	15 + 00 E 3 + 00 S	.2	7.62	10	<2	45	<5	1.48	<1	14	28	69	4.92	.15	30	.27	304	3	.05	45	2740	22	10	<20	95	.06	<10	80	10	5	42
388 - 110	15 + 00 E 3 + 50 S	.2	5.89	10	<2	65	<5	.20	<1	8	31	32	5.13	.11	20	.24	122	3	.02	15	760	16	15	<20	22	.18	<10	94	20	5	25
388 - 111	15 + 00 E 4 + 00 S	.2	4.49	5	<2	55	<5	.80	<1	5	17	32	2.35	.42	20	.29	174	4	.02	9	1560	16	5	<20	74	.03	<10	44	<10	3	22
388 - 112	15 + 00 E 4 + 50 S	.2	3.78	5	<2	110	<5	.21	<1	10	29	24	3.04	.08	10	.29	1068	4	.06	12	630	18	5	<20	16	.24	<10	80	10	2	76
388 - 113	15 + 00 E 5 + 00 S	.2	6.56	5	<2	135	<5	.34	<1	22	58	77	4.50	.11	20	.99	369	4	.13	47	1630	20	10	<20	24	.23	<10	120	<10	5	110
388 - 114	15 + 00 E 5 + 50 S	.2	6.89	10	<2	15	<5	.11	<1	6	7	17	2.05	.1	10	.10	44	5	.12	5	760	10	10	<20	8	.20	10	44	10	6	24
388 - 115	15 + 00 E 6 + 00 S	.2	6.23	5	26	120	<5	2.60	2	31	36	71	3.63	.16	40	.61	1711	2	.27	54	3700	46	20	<20	223	.09	<10	56	20	9	231
388 - 116	15 + 00 E 6 + 50 S	.2	4.73	10	10	85	<5	.51	1	15	40	52	3.03	.14	10	.62	485	1	.07	32	1350	16	5	<20	36	.13	<10	58	10	3	108
388 - 117	15 + 00 E 7 + 00 S	.4	3.61	5	10	105	<5	.73	<1	20	41	44	3.32	.1	10	.60	1332	4	.07	35	1200	16	10	<20	58	.17	10	54	10	4	95
388 - 118	15 + 00 E 7 + 50 S	.2	5.44	10	6	70	<5	.40	<1	18	43	64	2.94	.13	20	.68	333	1	.04	39	1190	12	20	<20	33	.14	<10	51	20	5	74
388 - 119	15 + 00 E 8 + 00 S	.2	5.48	15	12	75	<5	.71	<1	15	34	57	2.80	.14	10	.65	649	4	.09	34	1710	24	15	<20	57	.12	<10	56	10	4	105
388 - 120	15 + 00 E 8 + 50 S	.2	6.98	15	16	105	<5	.62	<1	20	43	68	2.98	.19	10	.68	327	6	.09	46	1910	12	20	<20	54	.16	<10	54	<10	4	95
388 - 121	15 + 00 E 9 + 00 S	.2	5.34	20	10	95	<5	.50	<1	17	40	58	2.69	.15	10	.62	731	6	.07	36	2130	16	15	<20	40	.10	10	49	20	3	103
388 - 122	15 + 00 E 9 + 50 S	.4	3.80	10	12	50	<5	.27	<1	13	30	40	2.56	.09	<10	.39	648	3	.05	23	1320	12	10	<20	22	.11	<10	45	10	2	84
388 - 123	15 + 00 E 10 + 00 S	.4	5.60	10	4	105	<5	.43	<1	20	60	68	3.72	.15	20	.99	249	5	.06	55	890	14	20	<20	37	.21	<10	83	30	4	120
388 - 124	15 + 00 E 10 + 50 S	.4	3.77	20	10	60	<5	.27	<1	13	34	41	2.95	.07	10	.51	362	2	.05	27	880	10	10	<20	23	.13	<10	56	10	3	89
388 - 125	15 + 00 E 11 + 00 S	.4	2.89	5	6	55	<5	.13	<1	8	32	26	3.24	.07	10	.42	277	3	.04	20	760	22	5	<20	12	.17	<10	68	10	2	82
388 - 126	15 + 00 E 11 + 50 S	.4	2.87	15	6	50	<5	.12	<1	14	49	32	4.96	.11	10	.57	182	1	.03	26	750	18	5	<20	12	.22	<10	71	<10	3	114
388 - 127	15 + 00 E 12 + 00 S	.4	2.60	15	2	40	<5	.10	3	6	27	34	2.74	.07	10	.27	131	3	.03	16	1100	20	5	<20	11	.04	<10	39	<10	3	66
388 - 128	15 + 90 E 30 + 00 S	.2	2.20	<5	8	40	<5	1.59	<1	5	24	9	1.32	.08	10	.35	276	2	.16	12	1020	8	5	<20	111	.10	<10	29	10	3	47
388 - 129	16 + 75 E 30 + 00 S	.2	2.73	5	16	85	<5	1.70	<1	10	34	20	1.74	.15	10	.49	305	4	.16	19	1020	8	10	<20	119	.12	10	36	20	3	59
388 - 130	20 + 00 E 5 + 00 S	.2	3.67	10	12	40	<5	.51	<1	7	23	36	1.88	.1	10	.33	235	2	.08	21	1560	12	5	<20	48	.04	<10	33	20	2	55
388 - 131	20 + 00 E 5 + 50 S	.2	4.63	25	20	75	<5	.44	<1	13	38	47	2.75	.12	10	.61	536	2	.08	33	1490	18	15	<20	42	.09	<10	53	20	2	86
388 - 132	20 + 00 E 6 + 00 S	.2	3.62	15	28	90	<5	.81	2	17	35	37	2.69	.15	10	.64	1073	4	.10	27	1630	46	10	<20	74	.07	<10	50	20	3	91
388 - 133	20 + 00 E 6 + 50 S	.2	3.81	50	20	70	<5	1.43	1	17	28	40	2.37	.13	20	.56	840	3	.14	31	1900	102	5	<20	115	.07	<10	44	10	6	86
388 - 134	20 + 00 E 7 + 00 S	.2	4.39	20	22	45	<5	.33	1	9	25	27	2.44	.08	10	.48	175	4	.07	15	1260	16	5	<20	27	.08	<10	47	10	2	58
388 - 135	20 + 00 E 7 + 50 S	.2	3.20	30	12	60	<5	.54	<1	9	25	34	2.62	.12	10	.51	437	4	.08	19	1480	38	5	<20	49	.06	<10	44	10	2	66
388 - 136	20 + 00 E 8 + 00 S	.2	2.82	10	14	55	<5	.29	<1	10	27	54	2.92	.11	10	.52	638	2	.05	18	1640	14	5	<20	31	.05	<10	52	10	2	59

ECO-TECH LABORATORIES LTD. DEL W. FERGUSON - ETK 90-388

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 137	20 + 00 E 9 + 00 S	.4	3.66	10	18	35	<5	.48	<1	8	11	42	2.53	.04	10	.25	647	2	.08	20	1770	12	10	<20	48	.03	<10	37	10	2	54
388 - 138	20 + 00 E 9 + 50 S	.4	2.88	15	16	50	<5	.67	<1	10	18	46	2.65	.07	10	.34	1229	<1	.10	21	1950	48	10	<20	60	.03	<10	41	<10	2	67
388 - 139	20 + 00 E 10 + 00 S	.4	3.59	5	<2	215	<5	1.17	<1	12	23	23	4.29	.1	50	.62	2314	1	.09	19	2520	52	5	<20	57	.04	<10	48	20	6	229
388 - 140	20 + 00 E 10 + 50 S	.4	3.39	10	8	120	<5	.60	<1	18	40	31	3.69	.12	10	.63	611	2	.07	31	1040	18	10	<20	45	.15	<10	66	20	2	139
388 - 141	20 + 00 E 11 + 00 S	.2	3.73	20	10	175	<5	.54	<1	25	54	48	4.32	.28	10	.92	1225	3	.06	51	1750	18	5	<20	42	.15	<10	82	10	3	152
388 - 142	20 + 00 E 11 + 50 S	.2	2.30	10	8	135	<5	.23	<1	15	42	22	4.03	.19	10	.60	481	1	.03	28	730	14	<5	<20	19	.20	<10	82	10	1	139
388 - 143	20 + 00 E 12 + 50 S	.4	2.07	10	6	190	<5	.28	<1	9	38	21	3.00	.09	10	.30	1359	3	.03	17	1280	44	<5	<20	21	.22	<10	68	<10	1	110
388 - 144	20 + 00 E 13 + 00 S	.4	2.42	30	10	100	<5	.23	<1	12	33	23	3.47	.15	10	.40	324	3	.03	23	510	12	10	<20	23	.20	<10	71	10	2	66
388 - 145	20 + 00 E 13 + 50 S	.6	3.29	10	14	55	<5	.19	<1	21	19	31	1.91	.08	10	.28	857	<1	.03	16	1410	12	10	<20	18	.05	<10	31	10	5	54
388 - 146	20 + 00 E 14 + 00 S	.2	2.43	10	18	90	<5	.19	<1	18	38	19	4.50	.15	<10	.56	570	<1	.04	25	880	18	5	<20	16	.22	<10	77	20	2	134
388 - 147	20 + 00 E 14 + 50 S	.6	1.88	15	14	105	<5	.17	<1	13	38	22	4.24	.14	10	.42	612	1	.04	23	740	26	5	<20	16	.22	<10	90	20	1	130
388 - 148	20 + 00 E 15 + 00 S	.4	2.73	10	10	150	<5	.26	<1	18	49	23	4.73	.23	10	.59	578	1	.03	30	860	14	5	<20	20	.25	<10	87	10	2	144
388 - 149	20 + 00 E 16 + 00 S	.2	2.64	<5	10	170	<5	.44	<1	19	46	19	3.95	.27	10	.70	646	1	.04	31	1000	12	5	<20	34	.21	<10	72	20	2	143
388 - 150	20 + 00 E 17 + 00 S	.4	2.49	10	12	260	<5	.27	<1	19	45	17	4.39	.2	10	.61	838	2	.04	25	1040	16	5	<20	22	.24	<10	83	20	2	243
388 - 151	20 + 00 E 18 + 00 S	.6	3.19	15	6	115	<5	.96	<1	18	61	28	3.56	.38	20	.80	646	5	.05	33	750	16	5	<20	54	.21	<10	73	10	6	91
388 - 152	20 + 00 E 19 + 00 S	.4	3.05	<5	4	120	<5	.61	<1	17	40	30	2.96	.34	20	.62	572	1	.04	27	1060	12	10	<20	37	.15	<10	56	10	8	82
388 - 153	20 + 00 E 20 + 00 S	.8	3.56	<5	4	115	<5	.90	<1	17	44	46	3.37	.17	20	.51	1417	2	.09	29	1140	14	10	<20	59	.12	<10	66	10	8	117
388 - 154	20 + 00 E 21 + 00 S	.2	2.08	<5	4	65	<5	.51	<1	11	25	24	1.92	.11	<10	.27	359	1	.11	18	790	12	5	<20	38	.07	<10	36	<10	1	49
388 - 155	20 + 00 E 22 + 00 S	.2	3.58	5	4	225	<5	1.08	<1	24	56	36	3.42	.15	10	.64	1351	4	.14	48	1050	22	5	<20	103	.23	<10	67	10	2	152
388 - 156	20 + 00 E 23 + 00 S	.2	3.19	5	2	135	<5	.52	<1	19	48	26	3.21	.13	10	.58	282	1	.11	35	960	26	5	<20	44	.23	<10	67	10	1	128
388 - 157	20 + 00 E 24 + 00 S	.2	2.70	5	2	75	<5	.34	<1	13	37	17	2.95	.08	10	.50	112	<1	.10	24	500	16	5	<20	25	.22	<10	67	<10	1	70
388 - 158	20 + 00 E 24 + 50 S	.2	3.60	5	10	290	<5	2.17	<1	22	66	47	3.08	.48	20	.96	279	1	.17	47	1480	16	5	<20	179	.24	<10	76	<10	5	78
388 - 159	20 + 00 E 25 + 00 S	.2	3.46	5	6	200	<5	1.46	<1	18	46	35	2.79	.21	20	.78	177	1	.16	32	1110	14	10	<20	115	.19	<10	62	10	3	70
388 - 160	20 + 00 E 26 + 00 S	.2	1.62	5	2	55	<5	.08	<1	16	49	12	3.92	.16	<10	.51	154	2	.10	16	580	54	<5	<20	7	.34	<10	103	<10	1	71
388 - 161	20 + 00 E 27 + 00 S	.2	2.51	5	6	120	<5	1.67	<1	21	49	33	2.86	.17	10	.81	723	2	.23	28	1640	18	5	<20	113	.17	<10	65	10	4	102
388 - 162	20 + 00 E 27 + 50 S	.2	2.32	<5	12	115	<5	1.39	<1	15	45	25	2.24	.17	<10	.78	238	3	.15	31	940	12	10	<20	114	.20	<10	60	<10	2	67
388 - 163	20 + 00 E 28 + 00 S	.8	2.26	<5	10	160	<5	1.92	2	19	14	39	2.41	.04	10	.31	4689	4	.17	33	2370	30	<5	<20	85	.02	<10	57	20	2	227
388 - 164	20 + 00 E 29 + 00 S	.6	3.23	10	10	55	<5	.29	<1	13	34	18	3.99	.04	<10	.57	472	4	.12	25	990	24	10	<20	20	.18	<10	105	20	2	310
388 - 165	20 + 00 E 30 + 00 S	.2	3.61	10	8	90	<5	.91	<1	21	76	34	4.15	.07	20	1.00	357	6	.16	39	930	22	15	<20	62	.22	10	85	10	7	336
388 - 166	22 + 00 E 30 + 00 S	.2	3.85	10	10	70	<5	1.37	<1	20	67	32	3.73	.08	10	.85	242	1	.13	39	1070	26	10	<20	82	.22	<10	80	10	5	73
388 - 167	24 + 00 E 30 + 00 S	.2	3.95	10	14	155	<5	2.79	<1	21	65	40	3.30	.24	10	.98	681	5	.16	42	840	54	10	<20	143	.20	<10	66	10	4	96
388 - 168	25 + 00 E 5 + 00 E	.4	3.89	5	10	450	<5	.25	<1	22	116	43	5.87	.4	10	1.51	711	4	.09	26	680	28	10	<20	29	.56	<10	168	20	2	143
388 - 169	25 + 00 E 5 + 50 E	.2	5.09	5	2	40	<5	.27	<1	14	31	37	2.47	.07	10	.50	256	1	.13	24	1060	22	10	<20	27	.09	<10	45	10	3	65
388 - 170	25 + 00 E 6 + 00 E	.2	3.69	10	2	55	<5	.43	<1	18	36	30	2.62	.06	10	.56	356	2	.11	22	900	28	5	<20	36	.09	<10	51	<10	3	78

ECO-TECH LABORATORIES LTD. DEL W. FERGUSON - ETK 90-388

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 171	25 + 00 E 6 + 50 E	.4	3.53	5	8	35	(5	.72	(1	19	23	41	2.07	.04	20	.39	474	4	.13	24	1240	26	5	(20	56	.05	(10	39	(10	5	68
388 - 172	25 + 00 E 7 + 00 E	.2	4.07	10	(2	65	(5	.60	(1	17	33	35	2.56	.07	10	.65	866	4	.12	26	1350	28	10	(20	52	.10	(10	55	10	5	92
388 - 173	25 + 00 E 7 + 50 E	.4	3.49	15	(2	115	(5	.61	(1	19	46	32	3.40	.12	10	.96	1070	2	.10	25	1120	30	10	(20	50	.19	10	80	(10	4	111
388 - 174	25 + 00 E 8 + 00 E	.2	3.73	10	(2	80	(5	.63	(1	20	48	33	3.01	.09	10	.74	322	2	.08	34	900	26	10	(20	52	.15	(10	62	10	6	102
388 - 175	25 + 00 E 8 + 50 E	.4	4.24	10	2	75	(5	1.46	(1	21	49	37	2.78	.08	10	.83	1012	(1	.09	29	1530	30	10	(20	98	.10	10	69	(10	6	123
388 - 176	25 + 00 E 9 + 00 S	.4	4.01	5	(2	70	(5	.70	(1	18	44	34	3.26	.06	10	.76	727	2	.07	27	1140	32	15	(20	54	.15	(10	74	(10	6	121
388 - 177	25 + 00 E 9 + 25 S	.2	3.20	10	(2	90	(5	1.14	(1	16	37	28	2.35	.12	10	.68	604	2	.11	26	1270	40	5	(20	88	.15	10	61	10	4	107
388 - 178	25 + 00 E 9 + 50 S	.4	3.43	5	(2	110	(5	.91	(1	15	35	35	3.24	.06	10	.52	342	3	.08	22	720	18	10	(20	53	.16	(10	62	10	4	112
388 - 179	25 + 00 E 10 + 00 S	.2	4.25	15	2	120	(5	1.10	(1	18	49	44	3.15	.11	10	.77	759	1	.09	41	1580	24	10	(20	70	.13	(10	70	20	6	130
388 - 180	25 + 00 E 10 + 50 S	.2	3.42	15	(2	115	(5	.23	(1	20	49	30	3.51	.12	10	.67	628	(1	.06	29	710	18	5	(20	22	.22	(10	80	10	3	124
388 - 181	25 + 00 E 11 + 00 S	.4	2.41	5	(2	65	(5	.06	(1	14	45	23	4.56	.13	10	.49	301	3	.05	20	560	24	5	(20	8	.26	10	94	10	2	98
388 - 182	25 + 00 E 11 + 50 S	.2	2.78	5	(2	80	(5	.08	(1	21	64	21	4.84	.19	10	.78	369	1	.08	32	570	24	10	(20	9	.37	(10	104	(10	2	113
388 - 183	25 + 00 E 12 + 00 S	.2	2.83	(5	(2	75	(5	.06	(1	17	50	31	3.89	.18	10	.63	295	3	.10	34	480	20	5	(20	8	.20	(10	72	10	4	101
388 - 184	25 + 00 E 12 + 50 S	.4	3.23	15	(2	90	(5	.13	(1	14	40	15	3.70	.09	10	.49	369	(1	.09	19	760	26	10	(20	10	.16	(10	63	10	2	122
388 - 185	25 + 00 E 13 + 00 S	.4	1.61	5	(2	55	(5	.02	(1	13	40	14	3.81	.14	(10	.37	330	3	.11	12	590	18	5	(20	5	.33	(10	106	(10	1	71
388 - 186	25 + 00 E 13 + 50 S	.2	4.25	10	2	120	(5	.28	(1	17	36	22	3.54	.1	10	.73	1371	1	.13	30	1050	32	10	(20	15	.12	10	57	10	5	130
388 - 187	25 + 00 E 14 + 00 S	.2	2.85	10	(2	55	(5	.03	(1	12	33	29	3.48	.13	(10	.30	273	1	.11	11	1040	22	5	(20	5	.18	10	72	10	3	63
388 - 188	25 + 00 E 14 + 50 S	.2	2.50	10	(2	65	(5	.04	(1	13	32	23	3.75	.07	10	.34	372	1	.10	13	1150	32	5	(20	6	.14	(10	70	(10	2	79
388 - 189	25 + 00 E 15 + 00 S	.2	2.78	10	6	70	(5	.10	(1	12	37	20	3.45	.11	10	.54	241	2	.12	22	750	28	5	(20	7	.20	(10	63	(10	2	106
388 - 190	25 + 50 E 30 + 00 S	(.2	2.22	5	8	135	(5	1.32	(1	11	38	14	1.77	.15	(10	.62	166	1	.16	21	780	10	5	(20	90	.14	(10	44	10	2	224
388 - 191	26 + 00 E 30 + 00 S	.2	5.35	5	10	110	(5	1.20	(1	26	57	47	3.79	.18	20	.68	710	(1	.11	50	2020	18	15	(20	121	.17	(10	58	20	8	181
388 - 192	28 + 00 E 30 + 00 S	.4	2.96	5	6	130	(5	1.76	(1	18	98	36	3.46	.21	20	.63	297	2	.06	36	700	10	10	(20	94	.16	(10	74	10	4	60
388 - 193	30 + 00 E 5 + 00 S	.4	3.74	10	14	215	(5	.14	(1	26	137	57	5.30	.28	10	1.42	444	3	.04	63	820	12	5	(20	22	.39	(10	144	10	4	102
388 - 194	30 + 00 E 5 + 50 S	.6	3.52	10	12	170	(5	.10	(1	20	84	73	5.05	.19	10	.88	371	6	.03	36	900	20	15	(20	17	.25	10	132	20	4	106
388 - 195	30 + 00 E 6 + 00 S	.2	3.69	10	10	30	(5	.22	(1	7	23	29	2.20	.02	(10	.21	106	2	.03	18	680	8	5	(20	19	.06	(10	35	(10	1	35
388 - 196	30 + 00 E 6 + 50 S	.2	5.87	(5	12	45	(5	.50	(1	12	37	53	3.70	.05	20	.57	151	3	.04	35	1400	12	20	(20	35	.09	(10	59	10	5	75
388 - 197	30 + 00 E 7 + 00 S	.2	7.37	10	16	55	(5	1.92	(1	18	27	105	2.86	.05	30	.52	483	5	.15	66	2340	16	15	(20	155	.05	(10	47	20	16	104
388 - 198	30 + 00 E 7 + 50 S	.2	3.96	5	14	60	(5	.36	(1	14	39	44	3.15	.06	20	.57	387	2	.05	28	850	12	10	(20	31	.11	(10	57	(10	6	76
388 - 199	30 + 00 E 8 + 00 S	.2	4.74	10	12	65	(5	.28	(1	15	39	43	3.60	.09	20	.54	282	2	.05	23	910	18	15	(20	27	.16	(10	60	(10	5	75
388 - 200	30 + 00 E 8 + 50 S	.4	3.30	10	10	65	(5	.52	(1	12	18	35	2.53	.04	10	.21	412	3	.04	18	1230	16	5	(20	35	.07	(10	34	10	3	55
388 - 201	30 + 00 E 9 + 00 S	.4	3.56	10	12	90	(5	.20	(1	18	58	48	5.07	.1	10	.76	628	3	.04	28	1010	22	5	(20	20	.25	(10	97	20	4	91
388 - 202	30 + 00 E 9 + 50 S	.2	3.57	(5	14	40	(5	.19	(1	8	27	34	2.83	.03	10	.34	134	2	.04	16	800	18	10	(20	18	.09	(10	53	10	2	54

ECO-TECH LABORATORIES LTD. DEL W. FERGUSON - ETK 90-388

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 203	30 + 00 E 10 + 00 S	.6	5.12	10	8	55	<5	.76	<1	16	36	59	3.51	.05	20	.58	383	3	.07	34	1390	24	15	<20	60	.10	<10	64	10	6	95
388 - 204	30 + 00 E 10 + 50 S	.4	3.51	10	6	55	<5	.24	<1	11	35	43	2.54	.07	10	.41	208	1	.04	23	910	18	5	<20	21	.14	<10	67	10	3	68
388 - 205	30 + 00 E 11 + 00 S	.2	6.00	10	10	125	<5	.90	<1	26	53	76	3.34	.12	20	.93	209	2	.08	55	1090	16	5	<20	75	.17	<10	67	10	5	99
388 - 206	30 + 00 E 11 + 50 S	.6	3.88	15	6	55	<5	.22	<1	11	42	29	4.27	.06	10	.28	127	1	.03	17	610	14	10	<20	16	.22	<10	67	10	5	55
388 - 207	30 + 00 E 12 + 00 S	.4	4.85	10	14	85	<5	.17	<1	15	46	29	3.88	.09	10	.48	237	2	.03	21	660	10	10	<20	14	.24	<10	71	10	3	102
388 - 208	30 + 00 E 12 + 50 S	.2	4.96	10	8	70	<5	.20	<1	14	51	39	3.60	.15	20	.69	289	<1	.04	40	1090	12	10	<20	17	.15	<10	63	10	6	109
388 - 209	30 + 00 E 13 + 00 S	.4	5.56	<5	10	175	<5	.45	<1	20	69	51	3.96	.19	20	.89	385	4	.05	47	1170	8	15	<20	36	.22	<10	77	10	3	131
388 - 210	30 + 00 E 13 + 50 S	.4	4.44	5	6	80	<5	.24	<1	11	39	22	3.08	.12	10	.49	270	2	.03	23	960	4	10	<20	18	.18	<10	64	10	4	74
388 - 211	30 + 00 E 14 + 00 S	.6	4.46	10	6	70	<5	.15	<1	10	40	27	3.46	.12	10	.46	274	2	.03	22	950	12	5	<20	13	.17	<10	64	20	2	76
388 - 212	30 + 00 E 14 + 50 S	.6	4.05	5	10	110	<5	.25	1	12	42	25	3.50	.15	10	.57	663	3	.03	27	930	20	10	<20	17	.20	<10	71	<10	3	93
388 - 213	30 + 00 E 15 + 00 S	.8	3.60	5	8	70	<5	.13	<1	12	35	27	3.34	.13	10	.43	327	1	.03	21	520	16	10	<20	11	.19	<10	65	<10	4	68
388 - 214	30 + 00 E 15 + 50 S	.8	4.92	10	12	95	<5	.22	<1	14	43	27	3.64	.18	10	.61	327	3	.03	28	970	12	10	<20	14	.18	<10	66	<10	4	91
388 - 215	30 + 00 E 16 + 00 S	.4	4.70	<5	8	330	<5	.45	1	25	72	45	4.00	.61	20	1.12	453	3	.04	44	1210	10	5	<20	30	.25	<10	92	10	4	90
388 - 216	30 + 00 E 30 + 00 S	.6	4.64	15	12	95	<5	.36	<1	16	73	35	3.85	.31	10	.80	496	2	.03	35	1540	22	10	<20	16	.21	<10	77	20	3	113
388 - 217	31 + 70 E 30 + 00 S	.4	5.03	15	8	115	<5	.75	<1	14	41	33	2.29	.15	10	.54	307	1	.07	31	1850	12	15	<20	49	.11	<10	54	10	4	101
388 - 218	34 + 75 E 5 + 25 S	.2	3.03	5	6	130	<5	.59	<1	22	60	30	3.26	.26	20	.90	342	3	.05	39	1110	12	5	<20	35	.24	<10	83	10	5	103
388 - 219	35 + 00 E 5 + 00 S	.4	3.03	10	10	90	<5	.27	<1	19	50	33	3.71	.13	10	.57	393	1	.05	29	620	30	5	<20	24	.25	<10	70	10	3	87
388 - 220	35 + 00 E 5 + 50 S	.6	3.91	10	10	80	<5	.47	<1	19	47	31	3.62	.09	10	.61	804	1	.03	29	900	26	10	<20	71	.20	<10	72	10	5	133
388 - 221	35 + 00 E 6 + 00 S	.4	5.81	15	12	70	<5	.63	<1	9	20	33	2.59	.02	10	.21	295	1	.08	25	1020	14	10	<20	59	.08	<10	34	10	3	60
388 - 222	35 + 00 E 6 + 50 S	.2	2.81	15	6	60	<5	.18	<1	16	51	31	3.89	.07	10	.63	353	1	.03	27	570	24	5	<20	17	.23	<10	77	10	2	92
388 - 223	35 + 00 E 7 + 00 S	.4	3.90	10	8	40	<5	.53	<1	22	22	92	2.63	.03	10	.33	569	2	.05	35	1250	22	5	<20	35	.06	10	36	10	7	63
388 - 224	35 + 00 E 7 + 50 S	.2	3.73	10	8	35	<5	.53	<1	14	22	21	3.10	.02	10	.37	291	<1	.04	17	600	16	5	<20	30	.19	<10	36	<10	7	73
388 - 225	35 + 00 E 8 + 00 S	.4	6.21	15	8	35	<5	.26	<1	8	23	35	2.79	.03	10	.24	120	3	.04	18	730	20	10	<20	23	.14	<10	43	10	3	45
388 - 226	35 + 00 E 8 + 50 S	.4	5.81	15	6	60	<5	1.80	<1	18	47	48	2.83	.06	20	.88	1656	2	.14	30	1110	16	15	<20	105	.14	<10	54	<10	9	102
388 - 227	35 + 00 E 9 + 00 S	.4	2.93	5	12	50	<5	.94	<1	17	25	64	2.47	.05	20	.34	490	1	.05	31	1040	14	10	<20	52	.05	<10	37	10	11	50
388 - 228	35 + 00 E 9 + 50 S	.2	4.01	15	12	55	<5	1.25	<1	17	28	55	3.07	.05	10	.52	838	1	.12	33	1350	16	5	<20	92	.09	<10	54	<10	7	84
388 - 229	35 + 00 E 10 + 00 S	.4	4.34	5	12	70	<5	.71	<1	16	27	56	3.12	.04	10	.40	706	2	.05	28	1160	20	5	<20	56	.09	<10	58	10	4	83
388 - 230	35 + 00 E 10 + 50 S	.4	3.80	5	8	95	<5	.19	<1	12	26	42	3.34	.05	10	.36	777	1	.03	21	1130	28	10	<20	14	.14	<10	67	<10	3	120
388 - 231	35 + 00 E 11 + 00 S	.4	5.42	10	6	55	<5	.55	<1	17	40	55	3.63	.08	20	.70	366	4	.05	35	1540	16	10	<20	38	.13	<10	73	<10	6	95
388 - 232	35 + 00 E 11 + 50 S	.6	5.69	5	8	120	<5	.36	<1	16	47	36	3.27	.15	20	.63	271	1	.04	28	1120	16	15	<20	25	.17	<10	75	<10	4	112
388 - 233	35 + 00 E 12 + 00 S	.6	2.71	5	10	60	<5	.14	<1	14	28	31	2.86	.08	10	.32	1140	<1	.03	12	680	16	5	<20	13	.17	<10	61	10	3	58
388 - 234	35 + 00 E 12 + 50 S	.6	4.13	5	12	70	<5	.18	<1	19	34	36	3.03	.1	10	.46	743	<1	.03	20	1010	20	5	<20	14	.10	<10	51	10	4	84

ECO-TECH LABORATORIES LTD.

DEL W. FERGUSON - ETK 90-388

PAGE 8

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 235	35 + 00 E 13 + 00 S	.4	5.18	10	8	140	<5	.40	<1	16	52	45	3.51	.25	20	.68	332	1	.04	33	1330	16	10	<20	25	.19	<10	77	20	5	108
388 - 236	35 + 00 E 13 + 50 S	.4	4.37	5	10	120	<5	.44	<1	17	49	32	3.50	.12	20	.61	191	<1	.04	27	880	18	5	<20	25	.18	<10	71	<10	3	112
388 - 237	35 + 00 E 14 + 00 S	.6	5.23	<5	6	95	<5	.22	<1	13	41	26	3.10	.12	20	.51	218	2	.04	23	920	10	10	<20	15	.20	<10	72	<10	4	110
388 - 238	35 + 00 E 14 + 50 S	.6	4.43	5	10	115	<5	.32	<1	14	44	30	3.44	.14	20	.60	214	<1	.04	28	1110	12	5	<20	22	.18	<10	69	30	5	103
388 - 239	35 + 00 E 15 + 00 S	.8	5.18	5	10	155	<5	.27	<1	16	57	41	3.76	.31	20	.65	271	2	.03	33	1050	14	10	<20	16	.20	<10	73	<10	5	86
388 - 240	35 + 00 E 15 + 50 S	.4	6.20	10	16	215	<5	.48	<1	18	52	41	3.16	.23	20	.74	264	2	.04	41	1540	12	10	<20	30	.14	<10	70	20	5	118
388 - 241	35 + 00 E 16 + 00 S	.6	3.85	<5	10	175	<5	.31	<1	21	53	37	3.75	.17	20	.74	329	<1	.04	36	510	12	5	<20	25	.21	<10	90	20	4	114
388 - 242	35 + 00 E 16 + 50 S	.4	6.02	10	14	100	<5	.62	<1	15	62	35	3.59	.2	20	.84	229	2	.04	35	1170	12	15	<20	43	.16	<10	77	10	10	151
388 - 243	40 + 00 E 5 + 00 S	.6	6.29	10	10	65	<5	.30	<1	17	26	28	3.22	.07	10	.35	2023	2	.04	20	1240	22	10	<20	45	.16	<10	54	10	5	144
388 - 244	40 + 00 E 5 + 50 S	.2	3.95	10	10	80	<5	.22	<1	14	39	38	3.06	.13	10	.50	387	1	.03	34	910	18	15	<20	22	.17	<10	68	10	3	70
388 - 245	40 + 00 E 6 + 50 S	.2	3.60	5	8	105	<5	.28	<1	16	55	34	3.53	.16	10	.68	324	<1	.03	37	980	14	5	<20	19	.24	<10	89	20	3	91
388 - 246	40 + 00 E 6 + 50 S	.4	5.40	15	10	55	<5	.86	<1	11	19	50	2.71	.05	20	.25	679	3	.04	24	1130	14	5	<20	58	.08	<10	40	10	8	40
388 - 247	40 + 00 E 7 + 50 S	.2	5.35	5	12	70	<5	.68	<1	17	44	38	3.21	.09	10	.66	190	1	.06	32	810	14	15	<20	56	.16	<10	60	10	6	90
388 - 248	40 + 00 E 7 + 50 S	.6	3.09	5	6	140	<5	.57	<1	16	20	23	4.83	.06	10	.28	2403	<1	.04	19	4430	42	10	<20	22	.15	<10	68	10	2	114
388 - 249	40 + 00 E 8 + 50 S	.2	2.53	5	12	85	<5	.97	<1	35	26	59	4.53	.06	10	.40	1244	2	.06	29	1240	26	10	<20	65	.12	<10	69	<10	7	68
388 - 250	40 + 00 E 8 + 50 S	.4	3.92	10	10	85	<5	.42	<1	10	38	48	4.59	.05	10	.40	249	1	.04	25	920	18	15	<20	34	.17	<10	74	10	2	77
388 - 251	40 + 00 E 9 + 50 S	.4	1.67	5	2	105	<5	.43	<1	13	30	34	4.07	.05	10	.34	344	3	.03	20	580	22	5	<20	27	.22	<10	72	10	3	73
388 - 252	40 + 00 E 9 + 50 S	.2	4.48	10	14	105	<5	.67	<1	16	37	35	2.72	.09	10	.57	349	2	.06	33	1410	20	5	<20	46	.14	<10	56	10	3	136
388 - 253	40 + 00 E 9 + 75 S	.2	5.01	10	6	245	<5	1.98	<1	19	66	50	3.33	.32	20	1.00	710	2	.16	43	1330	18	15	<20	156	.18	<10	72	20	7	97
388 - 254	40 + 00 E 10 + 00 S	.8	4.05	10	6	85	<5	.35	<1	18	53	58	4.71	.11	30	.69	318	2	.04	34	570	16	15	<20	27	.21	<10	80	<10	7	83
388 - 255	40 + 00 E 10 + 50 S	.4	3.22	<5	10	50	<5	.65	<1	11	32	44	3.33	.07	20	.25	563	1	.03	19	960	16	15	<20	37	.11	<10	53	10	10	60
388 - 256	40 + 00 E 10 + 65 S	.2	4.22	5	14	150	<5	1.45	<1	16	54	43	3.42	.22	20	.75	547	3	.10	37	1140	14	5	<20	106	.16	<10	65	30	6	98
388 - 257	40 + 00 E 11 + 00 S	.4	4.19	5	10	105	<5	.31	<1	13	45	31	3.42	.1	10	.57	252	2	.03	29	800	14	10	<20	21	.17	<10	65	20	3	125
388 - 258	40 + 00 E 11 + 50 S	.4	5.58	5	12	100	<5	.50	<1	16	49	36	3.80	.13	10	.60	327	5	.05	35	1590	16	15	<20	32	.17	<10	74	20	3	127
388 - 259	40 + 00 E 12 + 00 S	.6	4.65	15	6	85	<5	.18	<1	12	47	34	3.35	.11	10	.48	284	2	.03	25	700	12	10	<20	13	.20	<10	64	30	2	82
388 - 260	40 + 00 E 12 + 50 S	.4	4.56	10	8	110	<5	.73	<1	15	36	41	2.67	.11	10	.51	871	3	.07	28	1120	16	15	<20	64	.13	<10	53	<10	4	79
388 - 261	40 + 00 E 13 + 00 S	.2	1.84	5	2	55	<5	.06	<1	7	25	13	2.90	.09	10	.25	173	<1	.03	11	550	14	10	<20	5	.14	<10	57	<10	2	41
388 - 262	40 + 00 E 13 + 50 S	.6	2.72	<5	6	40	<5	.11	<1	5	20	29	2.41	.05	10	.22	182	<1	.02	10	1340	18	5	<20	7	.12	<10	34	<10	4	32

ECO-TECH LABORATORIES LTD. DEL W. FERGUSON - ETK 90-388

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 263	40 + 00 E 14 + 00 S	.4	2.16	5	4	70	<5	.51	<1	13	36	18	3.51	.12	10	.53	350	3	.03	20	580	18	10	<20	18	.21	<10	62	<10	4	81
388 - 264	40 + 00 E 14 + 50 S	.8	4.60	10	14	75	<5	.94	<1	16	47	45	3.41	.12	20	.72	493	4	.07	39	1970	20	10	<20	64	.14	<10	67	10	8	108
388 - 265	40 + 00 E 15 + 00 S	.6	3.57	5	8	115	<5	.24	<1	16	48	40	4.12	.14	10	.56	358	3	.03	29	1100	14	10	<20	14	.18	<10	79	10	3	91
388 - 266	40 + 00 E 16 + 50 S	.4	4.55	5	8	55	<5	.30	<1	7	31	39	2.87	.08	20	.30	142	3	.03	15	600	12	10	<20	20	.13	<10	43	<10	6	56
388 - 267	40 + 00 E 17 + 00 S	.2	4.63	15	2	70	<5	.23	<1	12	35	17	3.02	.1	10	.36	268	<1	.02	15	1230	10	15	<20	14	.09	<10	44	10	4	87
388 - 268	40 + 00 E 17 + 50 S	1.2	3.79	10	<2	130	<5	.25	<1	15	52	24	3.80	.17	10	.52	257	3	.02	22	770	12	5	<20	11	.19	10	65	30	3	109
388 - 269	40 + 00 E 18 + 00 S	1.2	4.03	15	2	95	<5	.26	<1	17	73	55	4.25	.13	20	.98	388	2	.02	37	1240	8	10	<20	11	.17	<10	170	10	4	192
388 - 270	40 + 00 E 18 + 50 S	.6	3.52	15	2	65	<5	.23	<1	11	33	35	3.40	.08	20	.31	547	2	.02	19	1040	14	10	<20	12	.12	<10	60	10	9	116
388 - 271	40 + 00 E 19 + 00 S	.4	2.89	5	4	60	<5	.21	<1	10	30	19	2.42	.08	10	.32	193	2	.03	14	820	14	5	<20	11	.14	<10	77	10	3	75
388 - 272	40 + 00 E 19 + 50 S	.4	3.62	15	<2	100	<5	.27	<1	16	52	19	3.67	.16	10	.67	231	2	.02	29	940	10	10	<20	14	.14	<10	74	10	4	178
388 - 273	40 + 00 E 20 + 00 S	.2	3.30	10	4	105	<5	.15	<1	18	57	21	4.19	.26	10	.75	341	2	.02	27	600	8	5	<20	9	.21	<10	69	10	3	92
388 - 274	40 + 00 E 20 + 50 S	.2	3.70	15	2	110	<5	.22	<1	14	45	19	2.85	.26	10	.51	239	2	.03	22	1040	4	5	<20	11	.13	<10	50	20	4	66
388 - 275	40 + 00 E 21 + 00 S	.2	3.09	15	2	75	<5	.08	<1	14	36	13	3.17	.13	10	.35	357	1	.02	16	530	10	10	<20	6	.20	<10	58	10	3	86
388 - 276	40 + 00 E 21 + 50 S	.2	3.67	10	2	90	<5	.10	<1	15	44	15	3.82	.2	10	.46	264	6	.02	20	810	16	5	<20	8	.26	<10	67	30	2	101
388 - 277	45 + 00 E 5 + 00 S	<.2	2.02	5	4	35	<5	.09	<1	9	23	17	2.41	.06	10	.27	97	2	.02	9	390	14	<5	<20	5	.14	<10	42	20	2	66
388 - 278	45 + 00 E 5 + 50 S	.4	4.30	15	4	65	<5	.31	<1	27	40	32	2.73	.08	10	.40	2108	2	.03	33	1200	16	5	<20	31	.10	<10	45	20	7	161
388 - 279	45 + 00 E 6 + 00 S	.4	4.40	5	6	65	<5	.62	<1	18	44	29	2.78	.1	20	.52	1024	4	.04	34	1260	14	5	<20	45	.14	<10	47	20	8	188
388 - 280	45 + 00 E 6 + 50 S	<.2	3.60	10	6	125	<5	.34	<1	14	56	28	3.86	.09	10	.69	249	3	.03	24	1070	10	5	<20	26	.17	<10	68	20	2	104
388 - 281	45 + 00 E 7 + 00 S	<.2	.65	15	<2	25	<5	.07	<1	9	13	8	2.29	.05	<10	.12	168	1	.02	5	810	20	<5	<20	4	.24	<10	49	10	1	36
388 - 282	45 + 00 E 7 + 50 S	.2	3.33	5	4	65	<5	.19	<1	16	52	19	3.76	.13	20	.65	467	4	.02	23	690	12	5	<20	10	.19	<10	80	10	4	160
388 - 283	45 + 00 E 8 + 00 S	.6	4.68	5	4	105	<5	.18	<1	21	52	40	3.80	.18	10	.64	431	4	.02	32	710	20	5	<20	16	.19	<10	68	30	4	200
388 - 284	45 + 00 E 8 + 50 S	.2	4.46	5	6	110	<5	.21	<1	15	55	34	3.69	.14	20	.56	163	6	.03	27	580	12	10	<20	17	.21	<10	64	10	4	85
388 - 285	45 + 00 E 8 + 60 S	.2	4.03	10	6	150	<5	1.81	<1	21	58	40	3.33	.22	10	.73	794	2	.10	38	1340	22	10	<20	161	.15	<10	69	10	7	138
388 - 286	45 + 00 E 9 + 00 S	.2	3.24	10	8	55	<5	.20	<1	13	41	37	4.28	.09	20	.36	140	1	.02	21	380	16	10	<20	15	.22	10	61	10	5	78
388 - 287	45 + 00 E 9 + 50 S	.2	4.58	<5	<2	100	<5	.67	<1	12	23	20	2.30	.05	10	.27	844	1	.02	14	890	16	10	<20	51	.12	<10	47	10	5	84
388 - 288	45 + 00 E 10 + 00 S	.2	4.60	5	22	60	<5	.31	<1	9	25	17	2.41	.04	10	.33	107	2	.03	17	720	10	10	<20	21	.14	<10	36	10	4	67
388 - 289	45 + 00 E 10 + 50 S	.4	1.66	10	12	60	<5	.14	<1	10	32	20	2.88	.1	10	.34	297	3	.02	14	710	12	5	<20	8	.17	<10	54	<10	2	61
388 - 290	45 + 00 E 11 + 00 S	.4	3.23	10	18	40	<5	.10	<1	8	23	26	2.37	.07	10	.21	163	3	.02	11	810	8	5	<20	8	.12	<10	31	10	3	37
388 - 291	45 + 00 E 11 + 50 S	<.2	2.50	10	4	45	<5	.19	<1	8	25	11	1.79	.08	10	.32	95	1	.02	11	450	4	10	<20	10	.11	<10	35	<10	3	64
388 - 292	45 + 00 E 11 + 75 S	<.2	3.54	10	12	140	<5	1.61	<1	14	41	30	2.64	.24	10	.72	419	4	.14	30	1310	8	5	<20	121	.14	<10	50	<10	4	86
388 - 293	45 + 00 E 12 + 00 S	<.2	<.01	<5	<2	<5	<5	<.01	<1	1	<1	<1	<.01	.06	<10	<.01	5	1	.02	<1	10	8	<5	<20	<1	<.01	<10	2	<10	<1	<1
388 - 294	45 + 00 E 12 + 50 S	<.2	2.21	5	12	45	<5	.08	<1	13	37	18	3.49	.13	20	.42	141	2	.02	14	480	10	5	<20	4	.22	<10	58	<10	5	66
388 - 295	45 + 00 E 13 + 00 S	.2	2.19	5	8	60	<5	.70	<1	11	28	17	2.06	.09	20	.37	744	1	.03	18	830	14	5	<20	23	.10	<10	39	10	8	70

ECO-TECH LABORATORIES LTD. DEL W. FERGUSON - ETK 90-388

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	
388 - 296	45 + 00 E 13 + 50 S	.2	3.28	10	<2	70	<5	.20	<1	15	43	21	3.93	.1	10	.76	523	4	.02	32	1130	6	5	<20	10	.15	10	56	1
388 - 297	45 + 00 E 14 + 00 S	.2	1.97	<5	8	40	<5	.15	<1	11	28	8	2.82	.1	10	.33	396	<1	.02	12	880	10	5	<20	6	.13	<10	49	1
388 - 298	45 + 00 E 14 + 50 S	.2	1.75	5	2	85	<5	.33	<1	15	31	20	3.13	.09	10	.34	836	<1	.02	19	580	20	5	<20	15	.15	<10	51	1
388 - 299	45 + 00 E 15 + 00 S	.2	2.19	5	10	40	<5	.53	<1	11	24	15	4.11	.09	10	.33	237	<1	.03	12	450	12	5	<20	23	.20	<10	39	1
388 - 300	45 + 00 E 16 + 00 S	.4	2.85	5	14	45	<5	.05	<1	11	40	28	4.75	.11	10	.30	224	<1	.02	13	430	20	5	<20	5	.22	<10	60	1
388 - 301	45 + 00 E 17 + 50 S	.2	1.84	10	8	75	<5	.19	<1	13	34	21	3.64	.12	10	.30	436	1	.02	15	500	16	5	<20	11	.20	<10	62	<1
388 - 302	45 + 00 E 18 + 00 S	.4	2.16	10	2	50	<5	.23	<1	11	27	18	3.89	.06	10	.21	317	<1	.01	10	510	12	5	<20	11	.21	<10	56	<1
388 - 303	45 + 00 E 18 + 50 S	<.2	3.75	15	10	45	<5	.14	<1	12	44	14	3.06	.15	10	.52	134	<1	.02	21	530	18	10	<20	8	.17	<10	52	1
388 - 304	45 + 00 E 19 + 00 S	<.2	1.98	5	2	35	<5	.13	<1	7	28	12	2.74	.09	10	.29	71	<1	.02	11	320	8	<5	<20	7	.15	10	43	1
388 - 305	45 + 00 E 19 + 50 S	.4	4.00	10	10	<5	<5	.03	<1	14	39	15	4.29	.13	10	.56	134	1	.03	21	360	18	5	<20	30	.27	<10	64	1
388 - 306	45 + 00 E 20 + 00 S	.8	4.93	<5	8	<5	<5	.01	<1	11	30	35	3.32	.09	10	.27	270	1	.03	22	730	22	15	<20	14	.16	<10	44	1
388 - 307	45 + 00 E 20 + 50 S	1.0	.32	<5	6	<5	<5	<.01	<1	19	34	41	3.48	.14	<10	.45	735	2	.04	42	910	20	10	<20	<1	.29	<10	65	2
388 - 308	45 + 00 E 21 + 00 S	3.6	5.19	10	12	<5	<5	.01	<1	15	20	45	2.80	.05	10	.23	463	1	.09	32	840	28	10	<20	18	.10	<10	28	2
388 - 309	45 + 00 E 21 + 50 S	.4	3.41	5	6	<5	<5	.02	<1	13	36	31	4.11	.11	10	.46	288	3	.03	19	1200	20	5	<20	11	.21	<10	63	1
388 - 310	45 + 00 E 22 + 00 S	1.2	3.21	15	10	<5	<5	.06	<1	6	27	26	2.77	.07	<10	.25	219	2	.02	10	1680	12	<5	<20	5	.10	<10	42	<1
388 - 311	45 + 00 E 23 + 00 S	.6	2.80	15	6	<5	<5	.03	<1	18	60	31	5.05	.17	10	.68	1296	3	.03	30	1530	26	10	<20	17	.27	<10	81	1
388 - 312	45 + 00 E 23 + 50 S	.6	3.04	5	12	<5	<5	<.01	<1	17	42	30	3.49	.13	10	.67	825	<1	.05	35	910	24	5	<20	11	.20	<10	59	3
388 - 313	45 + 00 E 24 + 00 S	1.0	3.60	5	12	<5	<5	<.01	<1	27	36	35	3.52	.07	10	.37	886	4	.03	34	930	18	10	<20	4	.23	<10	60	1
388 - 314	45 + 00 E 24 + 50 S	.4	4.39	10	10	<5	<5	.02	<1	21	119	30	3.93	.14	10	1.05	508	3	.03	86	1550	12	10	<20	9	.24	<10	77	<1
388 - 315	45 + 00 E 25 + 00 S	.4	5.15	10	6	<5	<5	<.01	<1	16	47	34	3.63	.17	10	.66	319	3	.03	40	960	20	15	<20	12	.23	<10	66	1
388 - 316	45 + 00 E 25 + 50 S	.8	.24	5	10	<5	<5	<.01	<1	9	31	31	2.03	.03	<10	.24	171	<1	.03	35	1270	10	10	<20	<1	.05	<10	30	1
388 - 317	45 + 00 E 26 + 00 S	.4	2.58	10	6	<5	<5	<.01	<1	20	33	27	3.26	.12	10	.47	344	2	.03	29	700	18	5	<20	5	.23	<10	66	1
388 - 318	50 + 00 E 5 + 00 S	<.2	1.59	5	8	<5	<5	.01	<1	10	29	15	1.84	.14	10	.49	258	<1	.04	16	750	12	<5	<20	17	.13	<10	38	1
388 - 319	50 + 00 E 6 + 00 S	<.2	1.09	5	8	<5	<5	<.01	<1	7	23	14	1.55	.15	<10	.45	119	1	.02	10	610	10	<5	<20	2	.09	<10	27	<1
388 - 320	50 + 00 E 6 + 50 S	.2	2.74	5	10	<5	<5	.07	<1	15	49	29	3.20	.35	10	.93	415	1	.04	24	1570	28	5	<20	21	.23	10	68	1
388 - 321	50 + 00 E 7 + 00 S	.4	3.11	5	10	<5	<5	.01	<1	17	53	26	3.44	.24	10	.82	440	<1	.04	23	1640	30	5	<20	10	.25	<10	68	2
388 - 322	50 + 00 E 7 + 50 S	.2	2.53	10	8	<5	<5	.01	<1	12	37	15	2.82	.16	10	.61	340	<1	.03	15	1260	18	5	<20	9	.16	<10	51	2
388 - 323	50 + 00 E 8 + 00 S A	.2	2.55	5	12	<5	<5	<.01	<1	7	32	17	2.23	.13	10	.53	124	<1	.03	15	1110	16	5	<20	2	.12	<10	41	<
388 - 324	50 + 00 E 8 + 00 S B	.2	2.22	10	10	<5	<5	.01	<1	12	34	21	2.29	.23	10	.68	362	<1	.04	21	1010	16	<5	<20	9	.15	<10	45	<
388 - 325	50 + 00 E 8 + 50 S	.2	3.55	10	10	<5	<5	.20	<1	18	48	26	3.37	.25	10	.69	383	1	.04	25	790	32	10	<20	30	.21	<10	66	1
388 - 326	50 + 00 E 9 + 00 S	.4	6.17	10	12	<5	<5	.71	<1	14	31	15	2.74	.07	10	.47	437	1	.04	21	1510	18	10	<20	125	.20	<10	45	2
388 - 327	50 + 00 E 9 + 50 S	.4	2.96	15	14	<5	<5	<.01	<1	6	17	14	3.08	.03	<10	.14	126	2	.02	5	470	18	10	<20	6	.21	<10	41	1
388 - 328	50 + 00 E 10 + 00 S	.8	1.45	10	6	<5	<5	.01	<1	11	26	35	2.52	.05	10	.16	954	2	.02	22	380	22	<5	<20	13	.19	<10	60	1
388 - 329	50 + 00 E 10 + 50 S	.2	1.94	<5	8	5	<5	.32	<1	12	32	18	2.44	.09	10	.48	244	1	.03	19	1150	12	<5	<20	11	.12	<10	42	<1
388 - 330	50 + 00 E 11 + 00 S	.4	5.36	10	10	<5	<5	.03	<1	14	19	11	2.60	.05	<10	.25	358	3	.04	15	1050	14	10	<20	18	.17	<10	35	2

ECO-TECH LABORATORIES LTD. DEL W. FERGUSON - ETK 90-388

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 331	50 + 00 E 11 + 20 S	.2	3.56	10	16	<5	<5	.09	<1	16	44	30	2.86	.25	10	.73	459	2	.13	33	1480	16	5	<20	109	.15	20	55	10	5	102
388 - 332	50 + 00 E 11 + 50 S	.4	2.24	5	4	<5	<5	<.01	<1	15	37	16	3.88	.11	10	.47	198	1	.03	17	1160	28	10	<20	8	.25	<10	67	10	2	101
388 - 333	50 + 00 E 12 + 20 S	<.2	1.00	5	6	<5	<5	.01	<1	7	24	7	1.58	.26	<10	.39	128	1	.03	12	290	10	<5	<20	9	.10	<10	29	<10	2	57
388 - 334	50 + 00 E 16 + 00 S	.8	4.62	15	8	<5	<5	.04	<1	17	34	21	3.02	.25	10	.44	176	3	.03	27	490	16	10	<20	38	.20	<10	50	20	10	10[illegible]
388 - 335	50 + 00 E 16 + 50 S	.4	.10	5	4	<5	<5	<.01	<1	19	50	20	4.68	.17	<10	.47	238	2	.03	23	490	16	10	<20	1	.32	<10	75	<10	3	79
388 - 336	50 + 00 E 17 + 00 S	.4	3.91	10	4	<5	<5	.17	<1	33	68	30	5.45	.28	20	.86	658	1	.03	45	730	16	10	<20	22	.36	<10	93	10	7	19[illegible]
388 - 337	50 + 00 E 17 + 50 S	.4	3.40	5	8	<5	<5	<.01	<1	15	31	18	5.37	.11	<10	.20	436	1	.03	11	2230	18	5	<20	9	.31	<10	68	<10	2	94
388 - 338	50 + 00 E 18 + 00 S	.2	4.72	15	10	<5	<5	.07	<1	29	48	20	4.51	.2	20	.61	358	3	.03	33	440	18	10	<20	28	.30	<10	69	20	11	183
388 - 339	50 + 00 E 18 + 50 S	.4	.25	5	12	<5	<5	<.01	<1	20	61	32	6.16	.33	<10	.81	296	2	.03	35	870	13	10	<20	<1	.31	<10	79	<10	3	101
388 - 340	50 + 00 E 19 + 00 S	.4	3.48	10	8	<5	<5	<.01	<1	17	51	26	5.36	.18	10	.56	372	3	.02	24	790	23	5	<20	9	.38	<10	94	10	3	99
388 - 341	50 + 00 E 19 + 50 S	.2	6.34	10	<2	<5	<5	<.01	<1	7	20	20	2.22	.04	<10	.20	108	1	.05	16	1100	10	15	<20	12	.10	<10	33	10	3	43
388 - 342	50 + 00 E 20 + 00 S	.4	2.09	<5	6	<5	<5	<.01	<1	12	44	17	3.04	.15	<10	.65	149	1	.06	17	590	23	5	<20	15	.24	<10	60	<10	1	54
388 - 343	50 + 00 E 20 + 50 S	.2	6.64	10	4	55	<5	.74	<1	9	31	17	1.92	.15	10	.47	109	<1	.12	14	880	12	5	<20	46	.08	<10	31	10	2	56
388 - 344	50 + 00 E 21 + 50 S	.2	5.66	10	4	125	<5	.54	2	18	38	26	3.32	.08	<10	.63	979	1	.10	26	1260	12	5	<20	43	.17	<10	52	<10	2	69
388 - 345	50 + 00 E 22 + 00 S	.4	4.10	<5	4	55	<5	.10	<1	20	23	28	1.97	.06	10	.30	478	<1	.07	20	950	10	5	<20	9	.12	<10	32	<10	2	38
388 - 346	50 + 00 E 22 + 50 S	.2	3.10	5	2	85	<5	.14	<1	15	41	21	4.21	.05	10	.49	532	<1	.06	19	1010	26	5	<20	16	.21	<10	74	<10	1	76
388 - 347	50 + 00 E 23 + 20 S	.6	2.44	5	6	285	<5	.09	<1	19	48	38	7.16	.11	10	.63	791	4	.07	15	950	30	5	<20	15	.37	<10	165	<10	1	100
388 - 348	50 + 00 E 23 + 50 S	.4	4.42	5	6	130	<5	.11	<1	18	54	43	5.28	.29	10	.88	251	3	.08	24	670	22	10	<20	7	.33	<10	104	10	4	99
388 - 349	50 + 00 E 24 + 00 S	.4	2.78	5	2	65	<5	.10	<1	18	26	21	4.94	.08	<10	.28	446	<1	.06	14	1300	20	<5	<20	9	.25	<10	90	<10	1	54
388 - 350	50 + 00 E 24 + 50 S	.4	3.17	5	6	90	<5	.17	<1	43	55	47	5.28	.11	<10	.78	763	1	.07	41	1000	26	<5	<20	8	.40	<10	93	10	2	86
388 - 351	50 + 00 E 25 + 00 S	.4	2.77	5	6	145	<5	.19	1	37	54	53	5.98	.18	<10	1.23	311	1	.05	41	410	16	<5	<20	10	.49	<10	134	<10	2	105
388 - 352	50 + 00 E 25 + 50 S	.4	2.64	<5	2	90	<5	.12	<1	21	65	50	4.47	.16	10	.73	253	2	.04	42	1100	22	<5	<20	8	.23	<10	73	<10	2	66
388 - 353	50 + 00 E 26 + 00 S	.2	2.68	<5	4	75	<5	.19	<1	14	24	37	3.18	.07	10	.23	342	1	.09	18	750	14	5	<20	11	.14	<10	61	<10	4	35
388 - 354	50 + 00 E 26 + 20 S	.2	1.64	5	2	75	<5	.09	<1	10	26	18	3.71	.09	<10	.40	452	1	.11	12	2140	28	<5	<20	9	.14	<10	63	<10	1	60
388 - 355	50 + 00 E 27 + 00 S	.2	6.42	10	6	240	<5	.75	<1	55	280	68	7.87	.43	10	3.33	573	<1	.08	125	1990	12	10	<20	24	.47	<10	240	<10	2	137
388 - 356	50 + 00 E 28 + 00 S	.2	1.36	5	<2	80	<5	.09	1	15	43	33	4.63	.11	10	.35	281	2	.09	26	590	20	<5	<20	7	.25	<10	85	<10	1	56
388 - 357	50 + 00 E 29 + 50 S	.2	2.49	<5	4	75	<5	.08	<1	16	47	19	4.23	.13	<10	.64	280	<1	.07	27	900	24	5	<20	7	.29	<10	82	<10	1	64
388 - 358	55 + 00 E 5 + 00 S	.2	2.47	<5	6	80	<5	.35	<1	15	31	18	2.25	.09	10	.57	135	<1	.09	22	390	14	<5	<20	17	.16	<10	41	<10	4	41
388 - 359	55 + 00 E 5 + 27 S	.2	2.53	<5	6	105	<5	.87	<1	15	35	31	2.55	.14	10	.61	510	<1	.08	27	710	18	5	<20	73	.18	<10	44	<10	6	90
388 - 360	55 + 00 E 5 + 50 S	.2	6.87	5	6	50	<5	2.35	2	19	20	36	3.65	.04	20	.21	215	1	.27	34	1760	22	10	<20	235	.09	<10	37	10	14	47
388 - 361	55 + 00 E 6 + 00 S	.2	3.41	<5	2	80	<5	.18	<1	19	40	27	3.68	.09	10	.58	211	1	.08	28	650	18	5	<20	15	.23	<10	69	<10	3	128
388 - 362	55 + 00 E 6 + 50 S	.2	3.54	5	2	80	<5	1.00	<1	12	23	38	3.75	.03	10	.29	201	1	.12	16	670	26	<5	<20	66	.08	<10	53	10	7	99
388 - 363	55 + 00 E 6 + 70 S	.2	1.75	5	8	65	<5	.81	<1	10	26	16	1.68	.13	<10	.55	386	1	.09	16	770	8	5	<20	38	.10	<10	36	10	3	89
388 - 364	55 + 00 E 7 + 00 S	.4	3.71	15	4	90	<5	.58	<1	20	57	29	3.70	.1	10	.69	1057	3	.11	30	580	22	5	<20	38	.18	<10	71	10	5	145
388 - 365	55 + 00 E 7 + 40 S	.2	1.74	15	6	65	<5	1.42	<1	8	25	17	1.89	.11	10	.52	327	2	.10	18	2280	6	<5	<20	54	.09	<10	39	<10	7	64
388 - 366	55 + 00 E 7 + 50 S	.4	6.35	15	12	70	<5	2.01	<1	20	21	46	3.67	.06	20	.27	535	1	.20	36	3270	18	15	<20	122	.10	<10	47	100	17	280
388 - 367	55 + 00 E 8 + 00 S	.2	3.86	10	6	165	<5	1.05	<1	21	58	41	3.34	.25	20	.93	407	2	.13	36	1120	18	10	<20	106	.20	<10	73	20	6	140

ECO-TECH LABORATORIES LTD. DEL W. FERGUSON - ETK 90-388

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ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 368	55 + 00 E 8 + 50 S	.2	3.93	5	2	160	<5	.45	<1	18	49	25	3.35	.14	10	.80	401	<1	.08	31	820	12	5	<20	36	.20	<10	73	10	3	164
388 - 369	55 + 00 E 8 + 60 S	.2	.93	5	6	45	<5	.27	<1	6	17	9	1.16	.13	<10	.35	118	1	.05	11	360	6	<5	<20	18	.08	<10	25	10	1	54
388 - 370	55 + 00 E 9 + 00 S	.2	3.56	10	8	120	<5	.25	<1	17	48	23	3.19	.22	10	.83	355	3	.09	31	760	12	10	<20	12	.21	<10	63	10	3	126
388 - 371	55 + 00 E 9 + 50 S	.2	3.08	10	4	120	<5	.18	<1	14	40	17	2.88	.1	10	.63	900	3	.07	23	670	14	5	<20	9	.17	<10	60	10	2	101
388 - 372	55 + 00 E 10 + 00 S	.2	1.74	5	4	80	<5	.15	<1	11	30	13	2.31	.11	10	.34	322	2	.09	14	720	8	5	<20	8	.14	<10	46	<10	2	72
388 - 373	55 + 00 E 10 + 40 S	.2	1.67	5	2	85	<5	.23	<1	16	26	14	2.74	.08	10	.28	667	1	.02	12	260	18	<5	<20	16	.22	<10	55	<10	4	90
388 - 374	55 + 00 E 11 + 50 S	.2	2.00	5	8	80	<5	.20	<1	10	32	16	2.18	.15	10	.50	143	<1	.11	17	640	6	5	<20	8	.15	<10	46	<10	2	44
388 - 375	55 + 00 E 11 + 00 S	.2	4.75	15	2	145	<5	1.67	<1	21	60	35	4.14	.23	30	1.34	553	1	.12	38	910	26	15	<20	114	.20	<10	77	10	10	106
388 - 376	55 + 00 E 11 + 50 S	.2	1.12	<5	2	105	<5	.46	<1	18	31	14	2.95	.12	10	.29	922	1	.09	14	650	20	<5	<20	20	.25	<10	77	10	1	108
388 - 377	55 + 00 E 12 + 00 S	.2	<.01	<5	<2	<5	<5	<.01	<1	<1	<1	<1	<.01	.19	<10	<.01	<1	<1	.10	<1	30	18	<5	<20	<1	<.01	<10	1	<10	<1	<1
388 - 378	55 + 00 E 12 + 50 S	.2	3.25	10	4	<5	<5	.01	<1	16	37	22	2.79	.17	10	.65	337	2	.08	27	630	14	5	<20	2	.17	<10	54	10	6	98
388 - 379	55 + 00 E 13 + 00 S	.2	4.08	10	2	<5	<5	.03	<1	24	56	26	4.20	.27	10	.96	350	<1	.08	54	790	22	10	<20	14	.23	<10	77	10	6	159
388 - 380	55 + 00 E 13 + 70 S	.4	3.95	5	4	<5	<5	.02	<1	16	37	17	3.89	.09	<10	.49	603	<1	.09	17	2950	30	5	<20	9	.24	<10	70	20	2	146
388 - 381	55 + 00 E 14 + 00 S	.8	3.73	<5	2	120	<5	.49	<1	49	46	33	3.96	.19	20	.68	929	1	.03	46	1180	44	10	<20	30	.23	<10	55	20	8	206
388 - 382	55 + 00 E 14 + 50 S	1.0	4.22	10	<2	200	<5	.49	2	55	43	47	3.99	.21	30	.46	4128	2	.03	48	2060	26	15	<20	27	.22	<10	55	20	10	474
388 - 383	55 + 00 E 15 + 00 S	.4	4.65	10	6	125	<5	.65	<1	39	50	26	4.45	.29	10	.65	503	2	.03	51	710	30	10	<20	35	.24	<10	63	20	10	236
388 - 384	55 + 00 E 15 + 50 S	.4	3.12	<5	4	95	<5	.22	<1	24	46	18	3.54	.29	10	.76	410	2	.03	29	430	16	5	<20	15	.27	<10	63	10	2	295
388 - 385	55 + 00 E 16 + 00 S	1.0	5.79	10	4	90	<5	.21	<1	124	36	78	3.55	.12	10	.27	3170	4	.03	61	1860	22	15	<20	15	.17	<10	48	<10	7	167
388 - 386	55 + 00 E 16 + 50 S	.4	4.15	5	4	125	<5	.84	<1	31	50	26	3.72	.28	10	.48	1066	1	.03	41	570	18	5	<20	49	.22	<10	60	<10	6	127
388 - 387	55 + 00 E 17 + 00 S	1.0	3.49	5	<2	150	<5	.34	<1	91	54	79	5.16	.3	10	.60	1133	2	.03	52	860	32	10	<20	28	.26	<10	70	10	5	214
388 - 388	55 + 00 E 17 + 50 S	.4	3.98	15	6	95	<5	.26	<1	19	32	22	3.74	.23	10	.33	245	3	.03	23	2290	22	10	<20	19	.20	<10	52	10	5	120
388 - 389	55 + 00 E 18 + 00 S	.2	2.03	5	<2	95	<5	.22	<1	16	50	20	3.98	.28	10	.53	317	2	.02	25	360	32	10	<20	11	.28	<10	93	<10	1	120
388 - 390	55 + 00 E 18 + 90 S	.4	4.05	5	4	125	<5	.10	<1	53	65	22	5.05	.33	10	.74	1612	3	.03	63	430	26	15	<20	10	.33	<10	73	10	6	279
388 - 391	55 + 00 E 19 + 50 S	.4	4.07	10	2	90	<5	.16	<1	21	48	22	5.27	.23	10	.60	158	3	.03	30	420	26	10	<20	11	.34	<10	72	10	4	157
388 - 392	55 + 00 E 19 + 00 S	.4	3.97	10	4	75	<5	.31	<1	17	27	20	3.11	.06	<10	.22	575	4	.05	21	920	18	15	<20	33	.15	<10	53	10	1	82
388 - 393	55 + 00 E 20 + 50 S	.2	6.62	10	8	45	<5	.21	<1	13	26	18	2.89	.08	<10	.42	143	7	.04	23	940	18	15	<20	23	.20	<10	40	20	3	62
388 - 394	55 + 00 E 20 + 00 S	.2	5.78	10	4	55	<5	.18	<1	11	34	12	3.04	.11	<10	.39	132	1	.05	21	1060	22	10	<20	15	.18	<10	42	<10	1	96
388 - 395	55 + 00 E 21 + 50 S	.2	2.82	10	<2	60	<5	.09	<1	9	28	13	3.22	.09	<10	.30	145	3	.04	12	1120	22	10	<20	11	.17	<10	44	<10	1	73
388 - 396	55 + 00 E 21 + 00 S	.2	1.12	5	2	50	<5	.07	<1	8	16	11	2.28	.05	<10	.20	101	1	.03	9	410	38	5	<20	7	.20	<10	50	<10	1	42
388 - 397	55 + 00 E 22 + 50 S	.6	5.84	5	<2	125	<5	.85	<1	66	30	67	2.13	.09	30	.29	2410	4	.04	51	1670	22	10	<20	37	.11	10	35	30	10	207
388 - 398	55 + 00 E 22 + 00 S	.4	4.40	<5	6	115	<5	.65	<1	19	16	16	2.91	.06	<10	.23	1262	1	.05	27	3400	24	15	<20	56	.16	<10	41	20	2	144
388 - 399	55 + 00 E 23 + 00 S	.4	2.95	5	6	120	<5	.24	<1	23	83	15	3.14	.08	<10	.48	550	4	.05	42	1070	16	15	<20	13	.21	<10	47	<10	1	135
388 - 400	55 + 00 E 23 + 50 S	.6	5.17	5	6	60	<5	.31	<1	17	39	61	3.24	.1	40	.50	330	2	.03	38	750	28	15	<20	26	.11	10	44	20	17	102
388 - 401	55 + 00 E 24 + 50 S	.4	4.55	15	4	90	<5	.13	<1	21	63	30	5.27	.09	10	.47	198	1	.03	45	300	16	15	<20	9	.29	<10	80	10	5	113
388 - 402	55 + 00 E 25 + 00 S	.2	3.40	15	6	165	<5	.20	<1	15	54	21	3.25	.46	20	.76	387	<1	.04	27	230	12	5	<20	22	.22	<10	59	10	5	75

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 403	55 + 00 E 25 + 10 S	.2	3.63	15	4	220	(5	.62	(1	19	53	23	3.40	.45	10	.81	709	3	.04	31	520	18	5	(20	35	.24	(10	61	10	4	12[illegible]
388 - 404	55 + 00 E 25 + 50 S	.4	3.08	15	8	120	(5	.39	(1	21	41	25	4.30	.23	10	.62	302	2	.03	43	400	22	5	(20	20	.26	(10	63	20	6	14[illegible]
388 - 405	55 + 00 E 26 + 00 S	.2	1.89	5	2	105	(5	.13	(1	16	56	19	4.20	.18	10	.49	148	3	.03	38	210	18	10	(20	13	.37	(10	87	(10	1	7[illegible]
388 - 406	55 + 00 E 26 + 50 S	.4	1.44	15	(2	85	(5	.15	(1	8	26	30	4.40	.12	(10	.26	552	2	.03	13	1500	32	10	(20	10	.14	(10	62	(10	1	8[illegible]
388 - 407	55 + 00 E 27 + 00 S	.2	8.36	10	6	30	(5	.33	(1	14	26	41	2.73	.07	10	.18	246	6	.04	35	1700	14	15	(20	17	.05	10	30	(10	6	5[illegible]
388 - 408	55 + 00 E 27 + 00 S	.4	4.60	15	4	75	(5	.53	(1	36	85	70	6.23	.25	10	1.20	543	5	.04	71	1340	10	5	(20	36	.25	(10	117	20	5	17[illegible]
388 - 409	55 + 00 E 28 + 50 S	.2	1.56	10	(2	85	(5	.07	(1	9	39	23	5.93	.1	10	.56	259	3	.03	8	1440	32	5	(20	14	.32	(10	115	(10	1	6[illegible]
388 - 410	55 + 00 E 28 + 00 S	.4	3.24	10	4	70	(5	.12	(1	22	37	32	3.88	.08	(10	.35	462	2	.03	31	600	16	10	(20	10	.30	(10	66	10	2	10[illegible]
388 - 411	55 + 00 E 29 + 00 S	.2	4.48	15	4	40	(5	.26	(1	12	23	35	2.39	.04	10	.25	183	4	.03	18	750	18	10	(20	17	.09	10	40	20	4	5[illegible]
388 - 412	55 + 00 E 30 + 00 S	.2	1.60	10	2	40	(5	.05	(1	6	24	11	2.19	.07	10	.22	69	2	.03	8	150	18	5	(20	4	.14	(10	54	(10	2	4[illegible]
388 - 413	56 + 00 E 30 + 00 S	.2	1.13	10	(2	45	(5	.03	(1	12	25	10	3.53	.09	(10	.25	235	1	.03	12	320	38	5	(20	5	.36	(10	79	(10	1	7[illegible]
388 - 414	58 + 00 E 30 + 00 S	.2	3.44	10	2	135	(5	.23	(1	19	52	33	3.84	.29	10	.81	524	3	.03	55	670	26	5	(20	22	.17	(10	58	10	5	10[illegible]
388 - 415	59 + 00 E 30 + 00 S	.2	4.37	10	4	10	(5	.16	(1	4	5	10	1.24	.03	10	.08	102	1	.03	5	720	16	10	(20	9	.11	(10	15	(10	6	[illegible]
388 - 416	60 + 00 E 5 + 00 S	.2	4.64	15	8	130	(5	.12	(1	21	45	30	3.70	.14	10	.67	275	4	.03	38	1420	26	5	(20	13	.20	(10	70	20	3	16[illegible]
388 - 417	60 + 00 E 5 + 50 S	.4	1.15	10	(2	65	(5	.21	(1	10	22	9	3.45	.06	(10	.16	165	3	.03	10	290	44	5	(20	13	.34	(10	78	10	1	11[illegible]
388 - 418	60 + 00 E 6 + 00 S	.4	6.25	10	8	95	(5	1.41	(1	18	44	44	3.30	.13	10	.65	437	(1	.06	38	930	26	10	(20	84	.18	(10	48	20	9	20[illegible]
388 - 419	60 + 00 E 6 + 50 S	.4	5.42	10	2	75	(5	.46	(1	10	14	12	2.72	.02	(10	.12	73	2	.03	6	340	20	10	(20	40	.23	(10	35	(10	4	74
388 - 420	60 + 00 E 7 + 00 S	.2	2.86	5	6	65	(5	.24	(1	12	27	13	2.18	.11	20	.42	265	2	.02	16	870	8	5	(20	9	.14	(10	39	(10	3	64
388 - 421	60 + 00 E 7 + 50 S	.2	4.35	15	4	60	(5	.26	(1	14	43	24	3.44	.09	10	.58	201	(1	.03	19	490	16	10	(20	16	.25	(10	72	20	4	82
388 - 422	60 + 00 E 8 + 00 S	.2	5.99	5	4	35	(5	.41	(1	6	13	15	1.91	.04	10	.16	87	2	.05	5	490	12	10	(20	26	.16	(10	26	10	9	18
388 - 423	60 + 00 E 8 + 50 S	.2	3.15	5	4	80	(5	.22	(1	11	29	12	2.34	.1	20	.46	358	1	.03	19	540	14	5	(20	12	.16	(10	44	(10	3	90
388 - 424	60 + 00 E 9 + 00 S	.2	2.18	5	(2	85	(5	.36	(1	12	27	18	3.76	.08	10	.33	207	1	.03	12	400	16	5	(20	21	.22	(10	54	(10	2	69
388 - 425	60 + 00 E 9 + 50 S	.2	2.93	5	8	120	(5	.34	(1	19	37	18	3.58	.14	20	.53	267	3	.03	24	500	14	5	(20	18	.23	(10	61	10	4	72
388 - 426	60 + 00 E 10 + 00 S	.2	2.83	5	2	45	(5	.24	(1	10	21	11	2.24	.04	10	.25	137	3	.05	10	440	18	5	(20	13	.17	(10	45	10	2	58
388 - 427	60 + 00 E 10 + 50 S	.2	3.61	5	6	115	(5	1.52	(1	16	46	25	2.86	.29	20	.86	471	3	.06	32	1230	14	(5	(20	87	.17	(10	65	10	6	87
388 - 428	60 + 00 E 11 + 00 S	.4	4.57	5	10	45	(5	.09	(1	10	20	11	2.69	.04	(10	.19	158	2	.04	9	440	12	10	(20	8	.21	(10	47	10	2	59
388 - 429	60 + 00 E 11 + 50 S	.4	1.99	5	2	85	(5	.20	(1	17	19	17	2.81	.06	20	.20	832	3	.04	11	330	26	5	(20	17	.28	(10	55	(10	7	89
388 - 430	60 + 00 E 12 + 00 S	.4	7.01	15	8	65	(5	.64	(1	24	27	26	3.27	.08	20	.38	627	4	.04	25	960	22	10	(20	29	.17	(10	48	(10	13	146
388 - 431	60 + 00 E 12 + 50 S	.8	3.93	5	(2	90	(5	.60	(1	21	21	37	2.59	.1	20	.27	2757	3	.04	19	460	46	10	(20	31	.22	(10	40	10	12	104
388 - 432	60 + 00 E 13 + 00 S	.4	2.23	10	2	105	(5	.46	(1	31	33	17	3.71	.12	10	.43	1853	2	.06	16	410	32	5	(20	39	.29	(10	79	10	2	153
388 - 433	60 + 00 E 13 + 50 S	.6	6.32	10	(2	55	(5	.49	(1	11	17	38	2.69	.08	20	.14	143	2	.06	15	660	22	15	(20	39	.14	(10	36	10	14	54
388 - 434	60 + 00 E 14 + 00 S	.6	5.04	10	2	105	(5	.45	(1	33	43	34	3.44	.15	20	.59	1461	2	.03	44	770	26	10	(20	29	.26	(10	69	10	8	125
388 - 435	60 + 00 E 14 + 50 S	.4	2.79	5	2	60	(5	.12	(1	11	25	11	2.98	.07	(10	.23	272	2	.04	8	3300	20	5	(20	8	.22	(10	57	(10	1	65
388 - 436	60 + 00 E 15 + 00 S	.4	5.03	10	2	85	(5	.43	(1	25	33	26	3.59	.11	10	.37	578	1	.04	28	710	22	5	(20	25	.25	(10	61	(10	7	85
388 - 437	60 + 00 E 15 + 50 S	.4	6.93	5	16	65	(5	2.00	(1	30	26	29	4.01	.07	10	.45	1299	2	.16	50	900	42	10	(20	421	.08	(10	29	(10	10	69
388 - 438	60 + 00 E 16 + 00 S	.4	4.56	10	6	70	(5	.05	(1	12	37	12	3.99	.15	(10	.49	123	4	.04	14	410	14	10	(20	8	.30	(10	71	(10	2	61

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
388 - 439	60 + 00 E 16 + 50 S	.4	4.58	5	14	105	<5	.44	<1	18	40	19	3.82	.12	10	.70	1255	2	.03	26	650	12	15	<20	22	.26	<10	65	20	2	159
388 - 440	60 + 00 E 17 + 00 S	.2	5.37	10	10	120	<5	.73	<1	25	44	20	4.20	.18	10	.59	522	2	.03	38	580	14	15	<20	33	.29	<10	62	10	10	164
388 - 441	60 + 00 E 17 + 50 S	.4	5.60	15	2	115	<5	.34	<1	22	31	15	3.44	.06	<10	.39	580	1	.02	19	1180	12	15	<20	23	.21	<10	47	10	2	180
388 - 442	60 + 00 E 18 + 00 S	.4	5.65	15	<2	45	<5	.27	<1	17	21	12	3.45	.03	<10	.19	528	1	.04	17	1130	16	10	<20	27	.22	<10	44	20	2	89
388 - 443	60 + 00 E 18 + 50 S	.4	3.61	5	2	160	<5	.51	<1	29	44	36	4.94	.19	20	.51	1373	1	.04	30	760	18	10	<20	40	.39	<10	76	20	9	240
388 - 444	60 + 00 E 19 + 00 S	.2	<.01	20	10	<5	<5	<.01	<1	1	<1	<1	.02	.17	<10	<.01	6	1	.04	<1	760	8	10	<20	<1	<.01	<10	2	<10	<1	187
388 - 445	60 + 00 E 20 + 00 S	.4	2.96	10	12	115	<5	.55	<1	30	43	22	4.09	.18	10	.52	699	<1	.02	40	760	22	5	<20	27	.38	<10	79	20	3	177
388 - 446	60 + 00 E 20 + 50 S	.6	7.00	20	<2	50	<5	.85	<1	23	22	33	3.28	.03	30	.21	703	<1	.02	32	930	12	20	<20	44	.19	<10	35	20	27	42
388 - 447	60 + 00 E 21 + 00 S	.2	5.19	20	8	90	<5	.45	<1	13	23	25	2.98	.05	10	.29	806	3	.05	25	2890	30	20	<20	45	.16	<10	46	<10	3	175
388 - 448	60 + 00 E 21 + 50 S	.8	3.71	20	4	140	<5	.39	<1	21	56	233	10.85	.12	10	.56	347	13	.04	36	4110	20	15	<20	35	.19	<10	84	2410	3	164
388 - 449	60 + 00 E 22 + 00 S	.6	7.39	10	6	45	<5	.05	<1	7	19	14	3.80	.03	<10	.11	93	2	.03	4	2590	10	15	<20	5	.23	<10	54	20	2	63
388 - 450	60 + 00 E 22 + 50 S	.4	3.79	10	8	145	<5	.30	<1	50	37	29	4.77	.09	10	.54	935	2	.05	59	1470	22	15	<20	22	.40	<10	91	<10	3	271
388 - 451	60 + 00 E 23 + 00 S	.4	2.37	5	12	90	<5	.25	<1	22	23	21	4.50	.08	<10	.59	605	<1	.05	22	940	14	5	<20	8	.48	<10	136	20	1	145
388 - 452	60 + 00 E 23 + 50 S	.4	2.55	15	12	220	<5	.28	<1	22	53	31	4.06	.07	10	.42	722	<1	.04	33	1270	20	10	<20	23	.27	<10	88	10	2	229
388 - 453	60 + 00 E 24 + 00 S	.2	3.20	15	6	135	<5	.19	<1	19	46	26	4.51	.05	10	.27	564	<1	.04	21	470	22	10	<20	14	.34	<10	68	20	2	171
388 - 454	60 + 00 E 24 + 40 S	.2	1.63	5	10	80	<5	.31	<1	12	39	11	1.91	.18	10	.59	257	<1	.03	25	300	8	<5	<20	21	.15	<10	38	<10	2	110
388 - 455	60 + 00 E 24 + 50 S	.2	1.76	5	8	100	<5	.25	<1	17	33	17	3.05	.11	10	.50	1233	<1	.03	18	610	14	10	<20	13	.27	<10	62	10	2	200
388 - 456	60 + 00 E 25 + 00 S	.2	4.18	20	8	130	<5	.25	<1	16	17	18	2.82	.03	10	.15	614	2	.05	9	590	16	10	<20	19	.20	<10	36	<10	5	122
388 - 457	60 + 00 E 25 + 50 S	.4	1.76	<5	4	110	<5	.61	<1	20	81	12	3.72	.35	10	.68	393	2	.03	32	350	22	<5	<20	29	.33	<10	76	10	2	99
388 - 458	60 + 00 E 26 + 00 S	<.2	2.40	5	4	60	<5	.24	<1	13	27	14	2.63	.14	10	.43	213	1	.03	15	1300	16	10	<20	9	.15	<10	41	10	3	82
388 - 459	60 + 00 E 26 + 50 S	.6	2.88	5	2	140	<5	.38	<1	16	32	31	3.48	.1	10	.43	154	<1	.04	29	290	34	5	<20	24	.37	<10	60	10	4	85
388 - 460	60 + 00 E 27 + 00 S	.4	2.50	5	10	65	<5	.16	<1	14	38	15	3.72	.12	10	.55	274	2	.03	14	2260	22	<5	<20	8	.26	<10	78	10	2	119
388 - 461	60 + 00 E 27 + 50 S	.2	2.24	10	8	50	<5	.21	<1	11	25	11	2.23	.13	10	.41	225	<1	.03	13	850	22	5	<20	7	.15	<10	43	10	3	60
388 - 462	60 + 00 E 28 + 00 S	.2	2.17	<5	8	50	<5	.16	<1	11	26	8	2.06	.12	10	.45	135	<1	.03	14	390	18	5	<20	7	.15	<10	40	10	2	86
388 - 463	60 + 00 E 28 + 50 S	.2	1.80	<5	8	70	<5	.33	<1	10	24	12	2.57	.08	10	.35	194	<1	.03	12	420	22	<5	<20	18	.16	<10	48	10	4	75
388 - 464	60 + 00 E 29 + 50 S	.8	2.51	10	2	95	<5	.28	<1	34	25	48	2.89	.09	10	.35	1540	2	.03	23	490	26	5	<20	20	.23	<10	43	<10	5	95
388 - 465	60 + 00 E 30 + 00 S	.2	1.21	<5	4	60	<5	.24	<1	13	21	9	2.56	.09	10	.31	209	<1	.03	11	200	18	<5	<20	12	.23	<10	63	<10	2	67
388 - 466	10 + 00 E 7 + 00 S	.4	4.98	5	8	50	<5	.19	<1	15	25	27	2.58	.08	10	.47	345	2	.04	10	1060	14	10	<20	20	.13	<10	46	<10	4	47
388 - 467	45 + 00 E 26 + 50 S	.2	3.66	10	4	80	<5	.16	<1	17	42	29	3.81	.13	10	.51	809	1	.04	26	1250	16	5	<20	20	.16	<10	57	20	3	129

NOTE: < = LESS THAN

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SC90/K2

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DEL W. FERGUSON - ETK 90-387

2731 10th AVE. S.E.
SALMON ARM, B.C.
V1E 2J1

SEPTEMBER 17, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

R E V I S E D

PROJECT: AMF 90
9 ROCK SAMPLES RECEIVED JULY 30, 1990

ET#	DESCRIPTION		AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
387 - 1	10 +00E	14 +15S	.4	4.94	20	18	105	15	2.78	2	11	124	113	4.61	1.62	10	1.59	589	7	.17	20	2460	14	10	<20	141	.24	<10	194	20	5	183
387 - 2	13 +00E	8 +00S	.2	4.15	10	20	100	<5	2.69	1	14	136	55	2.03	.69	<10	.94	191	11	.22	24	1240	2	5	<20	252	.14	<10	49	<10	2	60
387 - 3	30 +00E	7 +24S	.2	4.55	15	18	40	<5	2.67	1	23	138	67	4.15	2.38	<10	1.70	422	14	.24	41	1810	<2	5	<20	147	.34	<10	118	10	4	100
387 - 4	30 +50E	8 +00S	.2	3.42	15	22	55	<5	4.65	<1	9	97	45	1.02	.18	10	.27	143	9	.34	28	1960	18	<5	<20	330	.07	<10	38	10	4	31
387 - 5	35 +00E	5 +25S	.2	2.96	15	18	65	<5	3.78	1	15	95	41	1.30	.09	<10	.32	162	3	.40	61	1460	10	5	<20	290	.08	<10	21	<10	3	42
387 - 6	49 +00E	10 +00S	.2	4.92	10	14	110	<5	2.52	1	33	149	33	4.72	4.56	<10	1.45	217	6	.07	39	1120	6	10	<20	117	.39	<10	75	10	3	104
387 - 7	57 +00E	28 +50S	.4	2.74	10	12	20	5	2.18	2	104	116	470	8.79	.05	10	.13	88	9	.21	150	1130	18	10	<20	217	.05	10	15	<10	3	34
387 - 8	58 +00E	29 +50S	.2	3.50	10	22	45	<5	3.20	1	19	103	74	2.00	.07	<10	.13	120	10	.48	40	1610	12	<5	<20	325	.07	<10	20	<10	3	35
387 - 9	60 +00E	21 +30S	1.0	3.07	15	18	20	10	2.48	2	66	66	991	8.06	.08	<10	.26	189	5	.39	61	710	14	15	<20	111	.06	<10	46	30	2	66

NOTE: < = LESS THAN

CC: RALPH ALLAN
BOX 657
NAKUSP, B.C.
V0G 1R0

SC90/K2

Jutta Jealouse

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.

DEL W. FERGUSON - ETK 90-598

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

GENERAL DELIVERY
NAKUSP, B.C.
V0G 1R0

October 5, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

4 ROCK SAMPLES RECEIVED SEPTEMBER 19, 1990

ET#	DESCRIPTION	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)
598 - 1	9 +25E 5 + 00S	1.7	1.95	(5	(2	84	21	1.18	1	5	53	83	5.39	.58
598 - 2	40 +50E 7 + 50S	1.1	1.34	(5	(2	(5	67	1.54	1	32	119	327	)15.00	.23
598 - 3	58 +00E 22 + 25S	.5	2.71	(5	(2	45	22	1.81	1	15	102	99	4.92	.21
598 - 4	68 +00E 15 + 00S	(.2	9.69	10	(2	61	42	4.51	3	24	114	73	10.27	.79

ET#	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
598 - 1	21	.84	174	4	.10	1	2493	374	(5	(20	24	.22	(10	34	(10	7	41
598 - 2	48	.67	566	8	(.01	72	3365	38	(5	(20	58	.05	(10	73	20	7	66
598 - 3	16	.29	110	9	.20	31	1509	48	(5	(20	106	.06	(10	22	(10	2	22
598 - 4	26	.90	553	7	.13	26	443	(2	(5	(20	263	.14	(10	26	34	2	52

NOTE: (= LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

SC90/K5

SCALE 1 12000

METRES 200 0 500 1000 1500 2000 2500 METRES

(ELEVATION CONTOURS IN FEET)

AMF PROPERTY (NTS 82L/8E)

1990 GEOCHEMICAL ANOMALY MAP

- • SOIL SAMPLE SITE
- X STREAM SEDIMENT SAMPLE SITE
- ▲ ROCK SAMPLE SITE

BA, FE • CU, ZN, PB

CU ≥ 60 ppm

ZN ≥ 200 ppm

PB ≥ 40 ppm

BA ≥ 160 ppm

FE ≥ 5.00 %

MAP 1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,539

LEGEND

- marble
- calc-silicate gneiss
- sillimanite-biotite-garnet schist
- biotite schist; quartz-feldspar gneiss
- amphibolite
- lineated quartz monzonite
- pegmatite
- mineralization

AMF PROPERTY (NTS 82L/8E)

1990 GEOLOGICAL OBSERVATIONS

SCALE 1:12000

METRES 200 0 500 1000 1500 2000 2500 METRES

(ELEVATION CONTOURS IN FEET)

MAP 2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,539

AMF PROPERTY (NTS 82L/8E)

1990 MAGNETOMETER SURVEY RESULTS

≥ 800 GAMMAS (corrected)

SCALE 1:12000

METRES 200 0 500 1000 1500 2000 2500 METRES

(ELEVATION CONTOURS IN FEET)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

MAP 3

20,539