ASSESSMENT REPORT
on

PROSPECTING
and
ROCK AND SOIL GEOCHEMICAL SURVEYS

PURCELL CAMP CLAIM GROUP

Moyie River and Perry Creek Area

FORT STEELE MINING DIVISION

NTS 82 F/8&9 E and 82 G/5&12 W
Latitude 49° 27' N
Longitude 116° 03' W

for

DRAGOON RESOURCES LTD.
CHAPLEAU RESOURCES LTD.

by

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February 5, 1992

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1.00 INTRODUCTION

1.10 Location and Access

The 'Purcell Camp' claim group presently owned or optioned to Chapleau Resources Ltd. is located in the drainage areas of Moyie River and Perry Creek, approximately 20 kilometers due west of Cranbrook, B.C., in the Fort Steele Mining Division (Fig. 1). The property centers on Latitude 49° 27' N and Longitude 116° 03' W.

Access to the property is via good active logging roads which join main highways in the Cranbrook area. All the tributary drainages of Moyie River and Perry Creek which occur on the claim block have some road access but most high elevation areas must be accessed on foot or by helicopter.

1.20 Physiography

The property is situated west of the Rocky Mountain Trench within the Moyie Range of the Purcell Mountains. Topography is moderate to steep with glacially rounded ridges; elevation ranges from 1220 to 2130 meters.

Vegetation cover varies from immature to mature forests of larch, pine, spruce and fir. Considerable clear-cut logging has occurred on the claim block in the recent past and the logged areas are in various stages of regeneration.

1.30 History of Previous Exploration

Moyie River, Perry Creek, and numerous of their tributary streams which drain the 'Purcell Camp' claim group have produced considerable placer gold. The Moyie River is presently being placer mined with one commercial operation and many small placer operations are worked on a small scale basis. The knowledge of significant placer gold in the main drainages and tributaries of Moyie and Perry Creek has resulted in long-standing exploration activity for bedrock sources.

Many small lode gold occurrences have been discovered in the general area of the Purcell property and a few have seen minor production. Virtually all of the lode gold has come from relatively small quartz veins, usually in association with minor base metal sulfides. The advent of historically high gold prices in the late 1970's prompted staking which blanketed these areas of known placer gold production.

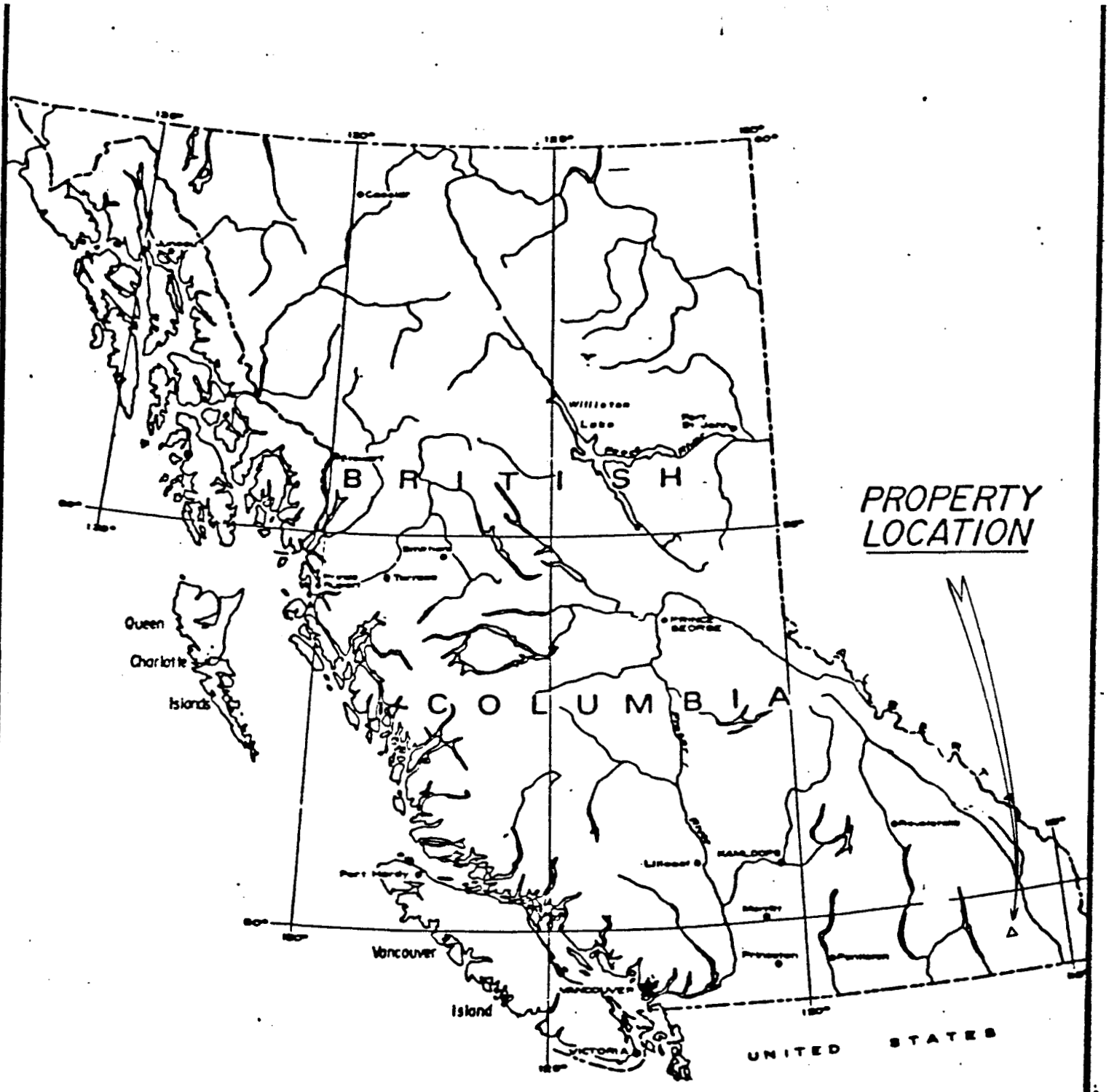


Figure 1
PURCELL CAMP PROPERTY
LOCATION MAP

Exploration activity has been constrained by the extensive coverage of glacial drift, and although many small programs have been undertaken, few have been successful at delineating drill targets.

Recent logging in the area has enhanced the exploration process by providing road access and exposing bedrock and float along haul roads, skid roads and in burned clear-cut areas.

Modern interest in the present 'Purcell Camp' area arose when prospecting discovered widespread quartz float with visible gold in the Palmer Bar Creek area. Since then the present claim block has been staked or optioned by Chapleau Resources Ltd.

Exploration work on the claims since 1986 has produced a progressive understanding of sources of lode gold mineralization and of a genetic model for the gold deposits.

In 1988 Chapleau discovered the Bar deposit through geologic mapping and trenching in the Palmer Bar Creek area. A 2500 meter drill program defined much of the geology of the deposit and demonstrated a large structurally-controlled quartz-sulfide flooded zone along the Cranbrook Fault. Widespread anomalous copper and gold mineralization is present but no commercial deposit was outlined.

In 1990-91, Dragoon Resources Ltd. explored the David property, approximately 10 kilometers south of the Purcell Camp but within the same structural belt. Significant gold mineralization was outlined within a shear zone. Average grades of 8 to 12 grams/tonne across widths up to 5 meters were obtained, and preliminary 'reserves' of about 100,000 tonnes have been calculated. The David deposit is to date one of the most significant gold discoveries in the East Kootenay region of B.C. As a result of this work, Dragoon optioned the Purcell Camp ground from Chapleau and began an exploration program to seek similar mineralization as the David.

1.40 Property

The 'Purcell Camp' consists of 450 claim units in 51 mineral claims (Fig. 2) either wholly owned or under option to Chapleau Resources Ltd. Although Dragoon Resources Ltd. held an option on this ground in 1991, the option has lapsed due to a failed work commitment.

1.50 Purpose of Survey

In 1991, an extensive program of prospecting and rock and soil geochemistry was conducted over much of the Purcell Camp claims in a search for shear zone hosted gold mineralization. This report deals with the main portion of the claim block while an earlier report (January 10, 1992) dealt with the North Block of claims located mainly in the Sawmill and Lisbon Creek tributaries on the north side of Perry Creek (Fig. 3).

2.00 GEOLOGY

The area of the Purcell property is underlain by Precambrian Purcell Supergroup rocks of the Aldridge, Creston and Kitchener Formations. The lowermost Aldridge Formation is a very thick (at least 4 kilometers) sequence of turbiditic quartzites, siltstones and argillites. The overlying Creston Formation consists of up to 2 kilometers of medium and thick bedded green quartzites and argillites of generally shallow water regime. The Kitchener Formation is a 1200 meter thick sequence of dolomitic siltstones and argillites.

These units are intruded by Precambrian age diorite and gabbro composition sills and dikes of the Moyie Intrusions. These mafic intrusives are most common in the Lower Aldridge Formation and diminish upward, being quite rare in the Creston and Kitchener Formations. Cretaceous quartz monzonite and granodiorite stocks occur just off the property to both east and west and these are believed related to gold mineralization on the property.

A complex system of NE to NNE striking normal and reverse faults occur parallel to the regional strike of the sedimentary bedrock while a series of easterly-striking normal and reverse transverse faults cut across the regional trend at an oblique angle. This block-faulted area appears centered on the best known placer gold and it seems probable that gold mineralization is genetically related to both the structural complexity and the spatially-associated felsic intrusives.

3.00 PROSPECTING AND ROCK GEOCHEMISTRY

In 1991 an extensive program of prospecting and rock and soil geochemistry was conducted on the Purcell Camp claims.

Rock samples were selected of material which might contain anomalous gold mineralization or which might contain anomalous gold indicator elements such as copper, lead, zinc or silver. This work drew on prospecting and geochemical experience gained in the Cranbrook area over the past 6 years. Field work was conducted primarily by C. Kennedy, T. Kennedy and L. English.

Rock sample locations are plotted on Figure 3; Figure 4 shows values for copper, lead, zinc, silver and gold. Sample descriptions are given in Appendix 1 and Appendix 2 provides complete geochemical analyses. The rocks were shipped to Acme Analytical Laboratories Ltd. in Vancouver and analyzed for a 30 element ICP package and geochemical gold by standard analytical techniques.

Most of the Perry Creek and Moyie River area is covered by glacial debris. The larger bedrock exposures tend to be in creek draws or along ridges. The north facing aspects generally have a thick cover of buckbrush with pine, spruce and balsam the major tree cover. The south facing aspects are more open with dwarf huckleberry and open pine the common vegetation.

Prospecting activity has been divided into tributary stream drainages with descriptions as follows:

3.10 Palmer Bar and Staples Creeks

Prospecting commenced from the eastern property boundary, following Palmer Bar Creek upstream. Lower in the Creek and below the trace of the Palmer Bar Fault a number of pieces of large gabbro float were found. Most of the float is quite angular, non-magnetic and unaltered although some epidote alteration was seen.

Further upstream on the south facing aspect approximately 150 meters upslope a zone of magnetite-hematite breccia was discovered. The breccia zone is exposed for a width of 4 to 5 meters and a strike length of about 20 meters. The rock is sheared with numerous narrow quartz veins. Wallrock tends to be more silicified where the magnetite and hematite are developed. The quartz veins have rare limonite and pyrite cubes while coarse grained green chlorite is quite common. Some of the narrow quartz veins also carry blebs and patches of magnetite and hematite. The trend of the zone is northeast (026) with a 70 degree NW dip (Samples D2 - 81803, 81804, 81805, 81806 and 81807 with anomalous copper and lead).

Other bedrock exposures encountered in the general area showed folding along with minor shearing. Most of the rock is thin bedded siltstones - light and dark gray with some narrow green beds, possibly Lower Creston Formation.

Approximately 250 meters NE of the hematite-magnetite breccia zone, some pieces of hematitic quartz breccia float were seen. This material is very similar to the hematite-magnetite breccia zone and probably represents the extension of this zone. This structure may be an en echelon feature related to the Palmer Bar Fault which is located approximately 600 meters to the east.

Near the headwaters of Palmer Bar Creek a number of zones of hematite breccia were found, along with some narrow zones of coarse magnetite. These zones are all on the south facing aspect in a logged clear cut (Samples C9-81808, D1-81809). Associated with these zones of hematite breccia, a narrow magnetic gabbro was seen. It was traced in float to just below the top of the mountain.

These zones are east of the ELCR vein, a narrow northwest trending quartz vein carrying base metals, pyrite and visible gold, discovered by Chapleau Resources Ltd. and trenched in 1987 and 1988 and drilled in 1988. The mineralization at the ELCR appears to be developed where the northwest trending vein coincides with a narrow northeast striking shear. A narrow hematite breccia zone occurs within the northeast shear zone.

Most of the bedrock encountered upslope of the ELCR vein is unaltered with only minor clean quartz veining which carries only disseminated specular hematite and chlorite. The quartz veins trend both northwest and northeast. Bedrock is mostly green-gray siltstone with minor argillite beds. Magnetite occurs in the sediments either disseminated or massed along bedding planes.

Over the ridge to the north, on the talus slopes at the headwaters of Staples Creek, abundant quartz float was seen. Most of the quartz is white and clean of any other minerals or stain. Rare hematite and chlorite were occasionally seen. Magnetite is present here as well, in apparently unaltered siltstones. No intrusive float was seen. Traversing back south into the Palmer Bar drainage, numerous quartz veins were encountered along with abundant concentrations of quartz float. Both the quartz veins in bedrock and the float are similar to the quartz seen on the Staples Creek side.

On a talus slope northeast of Palmer Bar Lake, on strike with the ELCR shear, some limonite-rich quartz was found. This material seems to be coming from narrow quartz veins and is widespread across the talus (Sample C8-81953 656 Cu, 74 Pb).

Around the south side of Palmer Bar Lake quite a number of pieces of quartz chlorite breccia float were found. Some of the quartz fragments have abundant limonite, with manganese staining along fractures. The float is probably coming from a northeast trending shear zone in the cliff above the lake (Samples C6-49149 32 ppb Au, C7-49150, C10-81951, 81952).

West of the lake and just below the ridge a northwest striking zone of breccia and quartz veining was found. Most of the material examined was clean milky quartz with wisps of fine chlorite and very little limonite or hematite. The breccia zone is 30 to 35 meters wide. It appears to be a strong structure and warrants further evaluation (Sample C5-49121 35 Cu).

Downstream of the lake large blocks of white quartz are common and most of this material is without any mineralization.

In the old logging block south of the ELCR vein a number of pieces of altered syenite float were seen.

East and downslope of the old logging block more recent logging and road construction has taken place. Most of the newer logged area is in fine glacial overburden with rare bedrock exposures in road cuts. One road cut shows shearing with an increase in iron and manganese staining. No silicification or quartz veining was noted. The remaining bedrock encountered is unaltered-looking blue-green siltstone with occasional quartz veins carrying hematite and chlorite.

3.20 Wuho Creek

Prospecting in the Wuho Creek drainage started at an old showing called the Quartz Pit and proceeded westerly onto the ridge separating Wuho and Palmer Bar Creeks.

Upslope from the Quartz Pit the Aldridge sediments are very sheared and altered to a phyllitic character for at least 200 meters along the road. Small pieces of quartz float occur with the phyllitic-altered material. This quartz typically has limonitic-weathered leached (pyrite) cubes, hematite staining and chlorite.

Beyond the phyllite, bedrock exposures are more common. Here the rock is thin bedded Aldridge Formation siltstone alternating with thin quartzite beds. These rocks are quite altered with chlorite occurring as patches and along fractures. Manganese and weak iron staining are quite evident throughout. A few small pieces of limonitic quartz float were found.

Slightly southwest of this area, about 200 meters, a gabbro dike(?) was seen. The gabbro has a northeast strike and may be part of the Palmer Bar Fault. The gabbro is quite unaltered and is non-magnetic.

Upslope from the gabbro a narrow gulley has bedrock walls of tightly folded gray-black siltstone and quartzite. The quartzite beds are silicified and display iron and manganese staining. Both the folding and alteration suggest that a major structure occurs nearby.

Traversing northwest and up the ridge, more altered sedimentary float was seen. This material is a cream-colored breccia with narrow quartz veins, weak iron and manganese staining (Sample G3-49127 16 As, 16 Au).

Below this area a narrow chlorite breccia zone was found in outcrop. Limonite and manganese are abundant. This zone strikes northeast with a northwest dip (Sample G4-49133 375 Pb).

Further upslope a large area of quartz and breccia float was seen. The material has limonite and manganese staining and some of the quartz has abundant white feldspar. Some of the highly altered material may be felsic intrusive; none of the material checked was magnetic. The bedrock source for this material is inferred to be very close. Bedrock observed in the general area is altered with chlorite and manganese and iron staining. Narrow east-west trending milky-white quartz veins seen in the vicinity suggest a possible east-west structural control for this possible felsic intrusive/ quartz zone (Samples G1-49129, G2-49128 120 Au, F8-49130 138 Au, F9-49139, F7-49132).

Beyond this area and along the ridge the rocks are thin bedded dark gray siltstones. They are quite fractured but there is very little quartz in bedrock or in float. One narrow zone of quartz chlorite breccia was seen just over the Wuho ridge south of Palmer Bar Lake. The quartz-rich material has coarse grained chlorite and is limonite and hematite stained (Sample D3-81971 101 Cu, 41 Pb, 227 Zn).

Beyond this area, blocky-weathering blue-green siltstones were seen with occasional narrow, discontinuous hematitic quartz veins cutting through. All the bedrock checked in this area is non-magnetic.

Continuing west for some distance very little bedrock was seen. Quartz and non-magnetic gabbro float are sparsely scattered along the hillside.

Further west a prominant north-south depression occurs on the ridge separating Wuho and France Creeks. Syenite float was found along this topographic feature. The syenite float train was traced south into the Wuho drainage for about 700 meters. From here a well defined float train of syenite was followed to the northwest. Most of the syenite checked is magnetic and it all carries disseminated pyrite. Some hematite breccia and quartz float was seen in association with the syenite.

Following downstream along the south facing aspect of Wuho Creek syenite float was commonly encountered. The float leads through a wide quartz vein exposure. The quartz vein is clean milky white with very little iron staining.

Northeast of this area, on the east side of a major tributary of Wuho Creek, an outcrop of non-magnetic gabbro was seen. The gabbro contains abundant disseminated iron sulfide with some specular hematite noted in more vuggy material (Sample F6-81802 14 Au).

Downslope of the gabbro and southeast to the property boundary syenite float was commonly seen. Bedrock exposures are of Middle Aldridge siltstones and quartzites. Most bedrock observed is quite altered with much of the alteration within quartzite beds. Narrow quartz veins are present, along with increased iron, chlorite and manganese along fractures.

The next area prospected was the north facing aspect of Wuho Creek. A number of large pieces of bull quartz float were found 500 meters inside the eastern boundary of the property. This material again is quite clean with quartz crystals being the only item of interest. The source of this quartz may be quite close judging by the abundance of float, and bedrock observed in the general area is quite altered.

Closer to the property boundary a small outcrop of gabbro was found but very little alteration was seen within or around the outcrop.

Southwest of this area and below the ridge separating Negro and Wuho Creeks a well defined quartz float train was found. This material can be traced for nearly 800 meters well onto the south aspect of Negro Creek. This quartz material has some limonite with gray sediment clasts, as well as chlorite and manganese staining. The small amount of bedrock which was observed is thin bedded dark gray siltstone with narrow gray quartzite beds (Samples:

L8-81996	42 Cu,	1939 Pb,	234 Zn,	15.6 Ag,	569 As,	57 Au
L9-81997	48 Cu,	93 Pb,	109 Zn,		164 As,	48 Au
M1-81963		96 Pb,		1.3 Ag,	318 As,	69 Au
M1-81964		66 Pb,			311 As,	58 Au
M2-81965	43 Cu,	57 Pb,		.5 Ag,	399 As,	95 Au
M3-81966	164 Cu,	1145 Pb,	167 Zn,	26.7 Ag,	533 As,	222 Au)

Two more well defined quartz float trains were found along this ridge further to the northwest. The material is very similar to the lower float train (Samples L7-81998 21 As, L6-81962 126 As, 29 Au, G6-81999 113 Pb, 110 As, 103 Au, G5-81967 56 Pb, 186 As, 80 Au, 81968 71 Pb, 236 As, 161 Au, 81969 41 Pb, 95 As, 78 Au). The bedrock in this area is similar thin bedded dark gray siltstone.

Climbing onto the ridge from this point brings you to the height of land between Negro and Wuho Creeks. This ridge extends for more than 1000 meters and is mostly thin bedded dark gray-green siltstones with no quartzite beds noted. Near the middle of the ridge a depression exists and the bedrock is a siliceous breccia with abundant hematite and magnetite. This northeast trending shear/breccia zone is at least 8 or 10 meters wide. Coarse grained chlorite and disseminated limonite is associated with the hematite-magnetite breccia. (Samples E8-81955, 56, 57).

From this point westward bedrock is more abundant. The siltstones are typically fractured, but very dry with little if any quartz veining noted. On the ridge between Wuho and London Creek a one meter wide zone of narrow limonitic quartz veins was seen (Sample E7-81954).

The hematite-magnetite shear/breccia zone is evidently part of a large northeast striking structure. Abundant siliceous sedimentary float with hematite and/or disseminated pyrite is quite common near the breccia. Bedrock on both sides of the draw shows signs of alteration with patches of chlorite breccia, chlorite on fractures and iron and manganese staining. Quartz float is also quite widespread on both sides of the draw. Some of this quartz is vuggy and limonitic (Sample E9-81702 97 Pb, 19 As, 12 Au).

From midslope in the draw along contour downstream 150 to 200 meters, an outcrop of siltstone and quartzite exists. The quartzite is altered and bordered by narrow quartz veins in the siltstone. The narrow quartz veins and the altered quartzite beds have disseminated galena, chalcopyrite and pyrite, with malachite, azurite and manganese staining. The zone is exposed along strike for approximately 20 meters and has a width of 2.5 to 3 meters. The zone was traced upslope to the south for nearly 250 meters. Immediately downslope of the zone thick overburden and brush prohibit surface tracing right to Wuho Creek. This zone is east of the projected hematite-magnetite breccia/shear zone seen in the draw on the ridge. The zone is hosted by Middle Aldridge Formation siltstones and quartzites. The alteration zone associated with the mineralization is about 150 to 200 meters wide, indicating this is an important target for follow-up exploration. A soil geochemical grid was subsequently completed over the area downslope of the

exposed zone (see Section 4.00). Samples
F1-81703 50 Pb, 11 As, F2-81704 28 Pb, 64 As, F3-81748 31 As,
F4-81705 347 Cu, 18089 Pb, 1146 Zn, 16.5 Ag, 27 As, 96 Au,
-81706 102 Cu, 6498 Pb, 507 Zn, 4.0 Ag, 17 AS, 161 Au
-81707 75 Pb, 50 Au
-81708 1827 Cu, 9186 Pb, 1197 Zn, 5.8 Ag, 24 As, 3080 Au
-81709 906 Cu, 7158 Pb, 1172 Zn, 4.4 Ag, 15 As, 1180 Au
F5-82000 336 Cu, 2263 Pb, 377 Zn, 2.0 Ag, 13 As, 632 Au
-81701 554 Cu, 4942 Pb, 842 Zn, 3.1 Ag, 13 As, 462 Au

Southeast of this area occasional syenite and quartz float was found, along with two outcrops of gabbro. The gabbro is non-magnetic but the northernmost outcrop has some disseminated sulfides along fractures. Large fragments of spongy orange gabbro are present in the area - they may be coming from an active contact.

3.30 Negro Creek

Access to the headwaters of Negro Creek is via an old logging road. The road cuts through glacial overburden except for the last two kilometers which mostly cuts bedrock. At the lower switchback which is built in Middle Aldridge Formation siltstones, large pieces of fault breccia float are quite common. This material has fragments of gray siltstone in a matrix of quartz and chlorite. Some of the pieces have abundant fine grained pyrite. Rare galena and chalcopyrite were also noted. One piece of breccia had considerable graphite as part of the matrix. (Samples L4-81958 834 Pb, 100 Zn, 81959 104 Cu, 62 Pb, 81960 170 Cu, 60 Pb).

Prospecting on strike to the northeast and upslope is hindered by thick bush. Little of interest was seen on the upslope traverses, however along the south facing slope, on strike with the breccia float, quite a number of pieces of quartz float were seen. Most of the quartz is white and barren looking with only minor wisps of chlorite. A few of the quartz pieces do contain limonite and hematite staining (Sample L5-81961).

Along contour downstream a wide exposure of Middle Aldridge quartzites and siltstones is present on the hillside. A few narrow white quartz veins were seen with minor chlorite and manganese along fractures. In general, though, this exposure is unaltered looking. Of minor interest is the wider gray quartzite beds.

Further up the road, just beyond the second switchback, the dark gray siltstones are quite sheared. With this shearing is an increase in narrow quartz veins. Most quartz veins trend northeast while one observed has an east-west strike. Most veins are 1 to 10 cm wide with one up to 30 cm. All of these veins contain fine and

coarse grained pyrite. Chlorite is also abundant. Altered clay-like non-magnetic gabbro exists as float in a cut bank between bedrock exposures. This material may represent an eroded structure. Gabbro dikes commonly fill structures within both the Creston and Aldridge Formations.

Beyond the altered gabbro, quartz veining remains common in the bedrock exposures, with pyrite and chlorite present (Samples K2-49111 57 Cu, 67 Pb, K3-49112, K4-49113, K5-49114 59 Pb, K6-49115 754 Pb, L1-49116 70 Pb, L2-49117 88 Pb, L3-49118 64 Pb).

Hematite breccia rubble is found in the road cast; this float leads to a wide exposure created by the road construction. The exposed hematite breccia zone strikes northeasterly and dips steeply west. An alteration zone of about 10 meters wide is present. The alteration is mainly of hematite and chlorite. Within this system, narrow quartz veins with limonite and pyrite were found. Some of the hematite zones are now sandy slips within the structure, possibly due to later alteration. Coarse grained specular hematite occurs in quartz veins which cross cut the main breccia zone. Intense manganese alteration, with manganese forming much of the breccia matrix, was noted in a number of areas. The manganese is always associated with rich iron staining and limonite. Some zones which are devoid of hematite have a marked increase in chlorite, in both the matrix and breccia fragments.

This zone of hematite breccia separates thin bedded dark gray siltstones on the footwall side and more blocky weathering green blue siltstone on the hangingwall side. These rock types may be Aldridge-Creston transition zone and Middle Creston Formation, respectively. If so, then the breccia zone is within a major structural break, and this would be the southern extension of the fault zone seen in Wuho Creek, just west of the anomalous copper-lead-gold zone. (Samples K1-49107 665 Au, 49108 40 Au, 49109 104 Au, 49110 124 Au, 81785, 81786, 81787 13,650 Au, 81788 11 Au, 81789 331 Au, 81790 67 Au).

This hematite breccia system can be traced southwest on strike for nearly 250 meters until a wide plateau is encountered. On this flat the bush is quite dense and prospecting is difficult; little float was seen here. Off strike slightly to the east the slope begins to break towards Rutile Creek, the major tributary of Negro Creek. Rutile Creek is named for the abundant rutile obtained from this creek by panning. Rutile can be panned right up to Rutile Lake at the headwaters.

Along the break of the ridge, shearing and quartz veining were found in a rather extensive quartz blow-out zone. Very little iron staining is present and chlorite and manganese are also weakly developed (Samples K7-81782 10 Au, 81783 15 Au, 81784 14 Au). This

zone does exhibit a good width of 5 to 8 meters and can be traced by float for 650 meters to Rutile Creek. From this point, float of weak hematite chlorite breccia with some iron staining can be traced uphill to the ridge above Noke Creek (Sample N1-81796, 97).

From the quartz blow-out zone east along contour, altered fragments of sedimentary rock and quartz float are common. The area is thickly covered with brush and windfall, and springs and standing water are quite common. The minor amount of bedrock seen does show signs of alteration with chlorite and manganese noted along fractures. One exposure 2 to 3 meters wide has narrow discontinuous quartz veins developed in association with strong shearing. The quartz veins have abundant coarse grained yellow pyrite and platey green chlorite. The siltstones have iron staining and increased chlorite along fractures. Chlorite is also disseminated through the siltstones (Samples K8-81774, 81780, 81).

Two hundred meters east of this area another zone of shearing was located in an area of poor exposure. This zone is similar to that previously described above (Sample K9-81798 52 As, 81799 81 As). Both zones are striking in a northeast direction and are obviously related to the quartz veining and shearing exposed on the Negro Creek road 200 to 300 meters to the northeast.

The next area prospected was Rutile Creek, and again bedrock was poorly exposed. Near the headwaters of Rutile Creek a large quantity of magnetic gabbro float was found. These large fragments are all located in the creek bottom in one fairly local area where there is no bedrock exposure. The area warrants more detailed prospecting as magnetic gabbro is considered a favourable feature for the discovery of gold bearing structures or quartz veins. The magnetic gabbro float seems to be coming from a structure within blocky weathering green-blue siltstones of the Middle Creston Formation.

Downstream below the trace of the structure which offsets Middle Creston from Transition Zone, very little of interset was seen. One exposure has limited, discontinuous development of hematite and magnetite along fractures.

Downstream of this area about 150 meters, shearing was observed with quartz veining in dark gray siltstones. The quartz veins contain abundant coarse grained chlorite, fresh pyrite and limonite. The widest quartz vein present is about 60 cm. This alteration zone is in excess of 5 meters wide with narrow quartz veins developed intermittently across the structure. Some quartz material has feldspar with manganese along fractures (Samples M8-81801 42 Cu, 55 As, M9-81794, 95 60 Pb). The system strikes northeast through thick bush. About 150 meters along strike another

exposure was found in an old trench. This cut has a quartz zone of much the same character, with chlorite, pyrite and limonite and it is probably the extension of the above zone (Sample M7-81791 42 Pb, 105 Au, 81792 27 Pb, 17 Au, 81793 77 Pb, 44 Au).

Following the contour from this zone 250 meters a wide exposure of relatively unaltered Middle Aldridge was seen. Some light iron staining and chlorite is present along fractures and in association with narrow discontinuous punky alteration zones. Most of the rock is quite unaltered with only narrow clear crystalline quartz veins noted. This type of quartz vein development is quite common regionally in the Middle Aldridge quartzites, especially near gabbro sills.

The final prospecting in Negro Creek was along the eastern property boundary on the southern aspect. In this area large volumes of non-magnetic gabbro float cover the slopes. No source for the material was found. Some of the gabbro has strong epidote developed along fractures, with blebs of pyrrhotite and rare hematite. The sedimentary rocks in the area are Middle Aldridge siltstones with minor quartzite beds. At one limited exposure, narrow quartz veins were seen within altered quartzite. The quartz veins carry minor galena and chalcopyrite with iron and manganese staining. The quartzite has a brecciated character with narrow limonite and manganese veins and rare blebs of galena. Pink albite float with abundant limonite was found close to the altered quartzites (Samples M4-81769 43 As, 40 Au, M5-81770 358 Cu, 1322 Pb, 913 Zn, 1.4 Ag, 16 Au, M6-81768 630 Pb, 883 Zn, 57 Au).

Further detailed prospecting and exploration work is warranted in this area. The contact zone between the sediments and the gabbro may be an important target.

3.40 Noke Creek

Old logging roads provide access into the upper parts of the Noke Creek drainage. Six hundred meters up the road from the southeast claim boundary, the road divides. The upper road provides access to the southern aspect of Noke Creek while the lower road provides limited access to the north facing slopes.

Just inside the property boundary an outcrop of Middle Aldridge sediments has been exposed by previous road construction. In this outcrop some of the narrow quartzite beds are quite altered. Minor bornite and chalcopyrite were seen with limonite in one of the more altered zones, in association with a narrow quartz vein.

Upslope of this area bedrock is largely hidden by glacial cover. Two outcrops of northeast-trending non-magnetic gabbro were seen. Both are poorly exposed and quite unaltered looking, with only minor amounts of epidote noted. The rare quartz float seen is clean white bull quartz with little or no iron or manganese staining. This area is on strike with structure that cuts the Prospector's Dream property and for this reason it should be prospected further. One of the gold-bearing quartz veins at the Prospector's Dream is associated with a gabbro.

Traversing north into an old logging block, more quartz, quartz breccia and altered sedimentary float was found. Most float contains abundant iron and manganese staining as well as chlorite, pyrite and limonite. All of the bedrock seen is sheared with abundant quartz veining. The quartz veins are both narrow, discontinuous features and moderately wide veins which can be traced for some distance. The widest vein seen is 1 meter across and carries pyrite and chlorite and has red hematite along or near fractures. The entire alteration zone is at least 800 meters wide and straddles a 1 kilometer long ridge which separates Noke and Negro Creeks. Quartz float, veining and breccia zones are common if not abundant throughout the area. This area warrants further more detailed prospecting. Samples:

N4-81760 24 Au
  -81761 31 Pb, 106 As, 31 Au
  -81762 35 As, 30 Au
N5-81759 272 Pb, 21 As, 13 Au
N6-81758 572 Pb
N7-81763 18 Au
O1-81764 24 Mo
O2-81765 15 Au
O3-81766 42 As
O4-81767
O5-81715 71 Pb
O6-81716 23 Pb
N2-81710 36 Cu, 243 Pb, 14 Au
N3-81711 75 Pb
  -81712 29 Pb
N8-81713 493 Pb
N9-81714 128 Pb

From this zone heading northwest bedrock changes from thin bedded dark gray siltstones to blocky weathering green blue siltstones. Bedrock is extensively exposed along the ridge between Noke and Rutile Creeks. The blue green siltstones are broken by narrow beds of green argillite. Some beds carry more chlorite while others with a light orange color have more iron. These color anomalies do not persist along strike and their cause is not understood. Joints and fractures quite often have specular hematite and/or coarse chlorite. Narrow quartz veins are also common, typically discontinuous and possibly tension gash fillings.

One hundred meters below the ridge on the Noke Creek slope an abundance of small, vuggy, limonite-rich quartz fragments were found. The source of this material may be narrow quartz veins within a shear zone (Samples J9-52187 9 Mo, 682 Cu, 1051 Pb, 37.2 Ag, 74 Au, 52188 7 Mo, 135 Cu, 279 Pb, 1.6 Ag, 19 Au).

Along the ridge above Rutile Lake large clean white blocks of quartz with altered green bedrock fragments are common. This material is coming from iron depleted dry breccia zones. In conjunction with these zones are two 20 meter wide fractured areas of increased iron development. No increase in silicification or quartz veining was noted with these color anomalies.

Southwest of this area and down through a saddle a large volume of white quartz and dry quartz breccia float was seen. The bedrock looks essentially unaltered with rare hematite and chlorite developed along fractures.

Due west of the saddle and on the upper slopes of Mount Bigattini, 150 meters below the peak, a wide alteration zone was encountered. The structure is 10 meters wide and includes narrow hematite breccia, numerous narrow quartz veins and iron and manganese staining. The sediments are silicified and there are narrow 'spider web' quartz veins intermittently developed throughout the alteration zone. The widest quartz vein observed is only 3 cm and was oriented east-west although the structure strikes northeast and dips steeply northwest. The east-west quartz vein had minor limonite with abundant coarse green chlorite. The quartz veins striking northeast have abundant limonite and are quite vuggy. (Samples J8-83073, 83074 40 Au, 83075 10 Au, 83076 49 Pb, 212 Au, 83077 8 Mo, 32 Cu, 175 Pb, 198 Au, 83078, 83079 11 Au).

Upslope of this area another 1 meter wide structure exists at the contact of a black argillite unit and a weakly silicified green siltstone. A narrow quartz vein with black sediment clasts and limonite is developed within the black argillite. The argillite adjacent to the vein contact has vuggy pockets with limonite. At the contact of the siltstone and argillite another narrow quartz vein is present. This vein does not have sediment clasts and is richer in limonite and manganese (Samples J7-83080 14 Mo, 34 Cu, 195 Pb, 29 As, 46 Au, 83081 1014 Au). This zone strikes northeast and dips southeast.

Fifty meters to the west and slightly below the summit of Mount Bigattini small pieces of quartz were found in the talus. The quartz is vuggy and limonitic with hematite and manganese staining. This material is probably coming from a shear zone. The quartz float is spread over quite an area and was followed downslope for 200 meters (Sample J6-52184 7 Mo, 56 Cu, 158 Pb, 2.0 Ag, 52 As, 16,466 Au).

North along contour, float is followed to the drop off above the headwaters of the east fork of Wuhun Creek (Sample J5-83085 5 Mo, 65 Pb, 20 As, 128 Au, 83086 10 Mo, 66 Pb, 31 As, 113 Au).

Seventy-five meters further west and downslope, an abundance of large pieces of limonitic breccia float was found. The material appears to be coming from a wide zone. Some of the float pieces have 2 to 5 cm wide quartz veins cutting through the altered sediments. The quartz veins have limonite cubes and occasional specs of hematite (Samples J4-83082 44 Pb, 3.5 Ag, 3833 Au, 83083 3 Mo, 27 Au, 83084 17 Au).

This area around the peak of Mount Bigattini obviously requires more exploration. The structures have strong sulfide development and are evidently related to the Baldy Fault. South of the Purcell Camp claims, gold mineralization in a shear zone on the David Property is apparently spatially associated with the Baldy Fault. The material in the Mount Bigattini area is similar in character to that at the David Property.

Southeast of the summit of Mount Bigattini 500 meters, a distinctive northeast trending quartz float train was found. The quartz fragments are large and must be coming from a quartz vein at least one meter wide. The quartz is mostly clean looking with minor hematite staining and a few vugs with quartz crystals. Some pieces have limonite and manganese coated fractures (Samples 07-52185 27 Au, 52186 29 Au).

Further traverses were done back and forth across the south facing aspect but no zones of particular interest were seen. Much of the area is covered by overburden with a thick young forest of pine. Some float quartz was seen but this is mostly clean white bull quartz. One area has a number of pieces of magnetic gabbro float; the material is quite localized and no bedrock source was found.

One hundred and fifty meters upslope from the top road crossing of Noke Creek a wide fault zone is exposed. The zone has been previously explored by old hand trenches and a short adit. In 1988 Chapleau Resources Ltd. did some rock geochemistry and a small soil sampling program. More work should be done here as considerable quartz and altered sediment float was seen a significant distance away from previous work. Most of the float has manganese and hematite staining with limonite and pyrite quite common

On the north facing aspect at the headwaters of the most easterly tributary of Noke Creek, a number of zones with narrow alteration halos were seen. These zones seem to be discontinuous along strike, although bedrock exposure is incomplete. Most of the zones are narrow chlorite breccias without any silicification. Associated quartz occurs as narrow veins with little or no limonite and

abundant coarse grained green chlorite. These zones are located in dark gray thin bedded siltstones and argillites (Sample Q3-81726 206 Mo, 266 Cu, 13 As, 15 Au).

To the southwest and upstream, more of the same type of alteration is encountered. Milky white bull quartz float is common, some with abundant limonite (Sample Q4-81727 25 Pb).

Across a narrow draw, Middle Aldridge sediments were seen. There are one meter wide quartzite beds in the predominantly siltstone package. Associated with these quartzites are narrow barren-looking quartz veins. All the rock looked at on this side of the valley appears unaltered. Only the thin bedded dark gray siltstones and argillites show some alteration. Narrow alteration zones strike both northeast and east-west. As mentioned before a major structure could be present in the area, and more exploration work should be done here.

Following the contour northwest, the dark gray rocks extend for only a short distance and then they give way to green blue siltstones of the Middle Creston Formation. These Creston rocks are quite unaltered with only minor quartz veining observed. The alteration noted tends to be discontinuous and weak, a common feature for Middle Creston rocks.

Five hundred meters northwest of the Creston / Transition Zone contact a chlorite breccia exposure was found. The breccia is 2 to 3 meters wide and is strongly silicified with a glassy texture. Chlorite coats all the fractures and provides a light green hue. Fine grained disseminated pyrite occurs throughout. Although the exposure is limited, the breccia appears to strike northeast (Samples Q2-81728 53 As, 83 Au, 81729 12 As, 20 Au).

About 250 meters further northeast along the ridge a narrow quartz vein was seen within a one meter wide alteration zone. Increased iron and manganese staining are present in the zone and the quartz vein carries limonite, pyrite and chlorite. The vein is 5 to 10 cm wide and strikes northeast (Sample Q1-81730 85 Cu, 124 Pb.

On strike from this area and upslope from a small lake a large amount of limonitic quartz float was found. Some of the pieces are quite large and are from a vein at least one meter wide (Samples P8-81731, 32, 33, P9-81734, 81735 103 Ni, 362 Co, 17 As, 15 Au, 81736 33 Pb). Most of the area traversed here showed little rock of interest. Bedrock exposures are generally sparse and thick vegetation is common on the north facing aspects.

At the top of the old logging block on Noke Creek, road construction has exposed magnetic gabbro rubble which has little epidote although it is quite clay altered. Large pieces of non-silicified chlorite breccia float are asssociated with the gabbro rubble. Very little iron or manganese is present and no pyrite or limonite was noted.

3.50 Rome, France, London and Waverly Creeks

The rock in the headwaters of France and Rome Creeks is blocky weathering blue green siltstone and minor argillite of the Middle Creston Formation. Very little bedrock is exposed, except for the top basin of France Creek where steep cliffs form the north facing aspect.

In the talus at the base of the cliffs large blocks of syenite float were found. These can be traced over the ridge into Wuho Creek (where syenite float is also present). Some of the syenite boulders are cut by erratically developed weakly limonitic quartz veins. Some but not all of the syenite is magnetic, and typically it contains disseminated pyrite. Some of the more altered looking blocks contain rich iron and manganese staining with an abundance of pyrite. Minor chalcopyrite with malachite was seen in one block.

Just northwest of the property boundary, on a talus slope at the base of the northern aspect, a large amount of syenite float was seen. Magnetic gabbro float occurs with the syenite here. The gabbro also displays epidote and manganese alteration, with minor quartz veining.

Associated with syenite in the talus inside the property boundary is large pieces of chlorite breccia which has iron and manganese staining on fractures. Pyrite occurs with the chlorite matrix, as blebs and disseminated. Quartz and sediment breccia float can be found scattered across the talus. Some quartz is white and barren looking but some has abundant limonite, hematite and manganese staining. Some small pieces of float near the base of the talus contain considerable magnetite. The sediment breccia material has erratically developed narrow quartz veins. Iron staining is common with limonite in the sediments and quartz veins. Hematite staining was seen with some of the quartz veins with rare blebs of specular hematite noted. (Samples D4-81973 21 Mo, 268 Au, 81974, 81975 33 Pb, 48 Au, 81976 36 Cu, 49 Pb, 20 Au, 81977 85 Pb, 81978 28 Mo, 126 Cu, 21027 Pb, 199 Zn, 32.7 Ag, 1048 As, 808 Au
D5-81970 28 Au, D6-81972 70 As, 137 Au).

The amount of altered float and the abundance of syenite in this area require that more detailed work be done.

North of the France Creek talus and along contour, overburden is extensive but large pieces of white bull quartz were commonly encountered. This quartz has little iron or manganese but some sediment fragments within the quartz show chlorite alteration. Further the size and abundance of quartz float increases. Non-magnetic gabbro is also common. Much of the quartz has weak iron and manganese staining along fractures and some quartz has erratic patches of disseminated limonite. Some of the quartz has rich hematite staining with rare blebs of specular hematite.

Some of the gabbro float has weak epidote and manganese along with limonite on fracture surfaces. Some of the sedimentary float shows iron and chlorite alteration.

This large quartz and gabbro float train was traced north of the property boundary for over 500 meters. (Samples B6-49119, B7-49120, C3-49123 40 Cu, 30 Pb, 428 Au, C4-49122 102 Cu, 158 Ni).

Fifty meters east of the property boundary is KC Creek. Bedrock seen here is weakly iron and chlorite altered blue green siltstones of the Middle Creston Formation. All the sedimentary rocks checked were non-magnetic. On the northwest aspect, some minor quartz veining was seen developed with fractures in bedrock. Coarse grained chlorite and hematite are associated with the quartz but no sulfides. This type of alteration is commonly encountered on the ridges in the Creston Formation.

To the south and southeast of this area, little bedrock was seen on the relatively flat ridge that separates France Creek from Wuho and Palmer Bar Creeks. Occasional quartz and non-magnetic gabbro were seen in the overburden. Some sheared bedrock with minor quartz veining was seen southeast of the headwaters of France Creek. Only wispy chlorite was seen with this quartz.

The peak overlooking France Creek has a number of bedrock exposures but only clean white quartz veining was seen with very minor iron alteration. Northeast shearing or fracturing is common in the thinner bedded lithologies. Minor chlorite and hematite occurs on fractures.

Near the bottom end of France Creek the main logging road has exposed iron stained bedrock which is cut by a number of northeast shears. Fractures show iron and manganese alteration. One 15 cm wide shear contains rusty gouge with a narrow quartz vein center. The quartz is vuggy with limonite, hematite and manganese staining (Sample B3-81979 163 Pb 51 Au).

On the ridge between London and France Creek, 600 meters upslope from Perry Creek along the property boundary a large alteration zone is exposed. The bedrock is iron and manganese altered with highly sheared non-magnetic gabbro as part of the package. Shearing strikes northeast, parallel to bedding while narrow gouge zones and limonitic quartz veins strike east-west. The zone is poorly exposed, making it difficult to evaluate its strength (Samples B4-49105, B5-49106 34 Cu).

Five hundred meters southeast of the sheared gabbro zone, an outcrop of non-magnetic gabbro was seen. The gabbro is no less than 3 meters wide and strikes northeast with a southeast dip. A wide quartz breccia zone was found 80 meters upslope from the gabbro. This zone is only poorly exposed - apparently the structure parallels bedding. The quartz seen is quite clean with little iron or manganese although magnetite and hematite were seen in a few small pieces. Except for three exposures of quartz breccia, no other bedrock was seen in the immediate area (Sample B8-53364 9 Mo).

Further upslope on the top logging road a wide fault zone is evident in the road cut. With the fault zone is a non-magnetic altered lamprophyre. The lamprophyre is clay like with zones of coarse mica and all fractures are strongly manganese stained. The contact between lamprophyre and sediments is a narrow gouge quartz vein with iron and manganese. Associated with the lamprophyre is a wide zone of strong chlorite breccia. The breccia has narrow discontinuous rusty gouge fractures developed along the apparent northeast strike. The fault zone is poorly exposed but appears to be more than 25 meters wide and dipping southeast. Slightly downslope two narrow limonitic quartz veins were found in a cliff exposure (Samples B9-53359 74 Cu, 53360 181 Cu, 412 Pb, C1-53361 13 Au, 53362, 53363).

Traversing upstream on the south aspect of the north fork of London Creek some minor shearing and narrow quartz veining was seen. The quartz has weak iron and abundant coarse green chlorite. (Sample D8-53351 5 Mo, 10 Au).

Another 300 meters upstream a number of pieces of syenite float were found. This syenite is very similar to that seen near the top of France and Wuho Creeks. It has disseminated pyrite with black manganese and mica.

Crossing the north fork of London Creek, a talus slope was encountered on the north facing aspect. The talus contains abundant quartz float which probably originates from narrow veins. Quartz veins seen in outcrop above the talus rarely are more than 10 cm wide. Most of the quartz seen in bedrock and in talus contains limonite, manganese and pyrite. Some quartz also carries

significant magnetite and hematite. Spread through the talus with the quartz is non-magnetic gabbro.This area warrants further prospecting and exploration work (Samples D9-53357 5 Mo, 270 Cu, 1.9 Ag, 378 Au, 53358 35 Cu, E1-53354 53 Mo, 28 Cu, 74 Au, 53355 16 Mo, 14 Au, 53356 16 Mo, E2-53353 361 Mo, 147 Au, E3-53352 2940 Au).

Upstream from this point, only a few pieces of weak iron stained quartz were seen. Most of this quartz is smokey white colored with chlorite altered sediment fragments.

The talus in the top basin above the lake contains big blocks of clean white quartz with little mineralization except for weak chlorite and rare blebs of specular hematite. Bedrock is blue green Middle Creston siltstone and argillite with disseminated magnetite present in all lithologies. Some magnetite seems to be strata bound while some is irregularly distributed through the rock. Narrow quartz calcite veins with abundant specular hematite occur in large green blocks of siltstone. No sulfides or limonite were recognized in any of this quartz.

Downslope and near the headwaters of the south fork of London Creek more quartz and gabbro float was found. Some of the gabbro is magnetic, with coarse magnetite and epidote alteration. Manganese occurs on iron stained fractures. The quartz typically has hematite and limonite staining with fresh pyrite and black manganese along fractures. A number of pieces of quartz float carry coarse hematite and magnetite. Altered sedimentary rock with narrow erratically developed iron stained quartz veining is commonly seen associated with the magnetic gabbro float. Most of the sedimentary float has disseminated magnetite. (Samples E4-83088 12 Mo, 83089 16 Mo, E5-83091 39 Mo, E6-83090 184 Cu).

On the ridge between London and Waverly Creeks, 300 meters inside the property boundary, a northwest trending breccia zone and quartz vein were found. The vein is one meter wide with weak iron and manganese staining. Chlorite is present in the quartz and adjacent sediments. This quartz rich structure can be traced in outcrop or by float for 800 meters along strike. This zone is the strongest northwest oriented structure seen to date on the Perry Creek side of the property. Further exploration should be done, although extensive overburden hinders surface prospecting. Bedrock on both sides of the structure is fractured and iron and manganese altered. This may be general alteration or it may be related to the northwest structure. Geophysics may be useful in tracing this structure. (Sample C2-83093).

Five hundred meters south of the quartz vein a number of pieces of sheared magnetic gabbro were seen. Very sparse altered sericitic sedimentary bedrock occurs nearby. Narrow iron stained quartz veins are present (Sample D7-83092 103 Pb).

Only very minor bedrock is exposed in this area and it tends to be fractured. Quartz observed in float appears to be from narrow veins; it is white and chloritic.

Eight hundred meters upstream on Waverly Creek an extensive exposure of phyllite exists in the creek bottom. On the bank an outcrop shows signs of heavy shearing with numerous white quartz veins forming part of the shear. No iron staining or other alteration was noted, but the structure is a strong looking zone.

Upslope 500 meters a narrow quartz vein with limonite and chlorite was found striking parallel to the shear. Both strike northeast with southeast dips (Sample G7-83087 4 Mo, 78 Cu, 62 Pb, 10 Au).

About one kilometer upstream a narrow 15 cm limonite rich shear zone was found. The shear consists of crushed sediments with a narrow quartz vein core. The shear strikes northeast and dips northwest.

Beyond this point to the headwaters of the north fork of Waverly Creek only bull quartz float was seen. Narrow quartz veins with coarse grained chlorite and specular hematite are common. No sulfides and very little alteration were seen in the bedrock at the headwall. Only chlorite along fractures and rare hematite are of interest.

From the top basin of the north fork of Waverly Creek, around contour to the headwaters of the south fork , only white bull quartz, clean quartz breccia and narrow quartz veins with hematite and chlorite were encountered. Bedrock and most of the float shows very little alteration. Moving downslope, the float gets more interesting. In one location a number of pieces of very vuggy sediment breccia with iron and manganese alteration were seen (Sample G9-81754 28 Mo, 23 As, 30 Au).

Three hundred meters downstream of this point a wide zone of weak silicification was found. The silicified zone is part of a much wider alteration zone. The zone strikes northeast and dips southeast and is crosscut by narrow limonitic and pyritic quartz veins.

Just downstream of this zone larger pieces of quartz float were found in a talus slope.The quartz is vuggy with patchy limonite and fresh pyrite. Manganese, hematite and chlorite alteration occurs along fractures within the siltstone float. (Samples H1-81753 10 Mo, 25 Pb, H2-81756 49 Cu, 41 Pb, 81757).

3.60 Wuhun Creek

Eight hundred meters up the north fork of Wuhun Creek on the south facing aspect an abundance of strongly altered quartz float was found. On the ridge 200 meters above the north fork two old trenches expose a wide alteration zone with a strong network of quartz veining. The zone contains quartz veins up to one meter in width, and all quartz veins seen have abundant coarse pyrite. The host thin bedded green blue siltstone is strongly sheared with abundant sericite and phyllitic chlorite rich zones. A number of 10 to 15 cm wide, iron and manganese rich clay gouge zones are also present. The sediments have iron and manganese staining along fractures. The widest quartz veins have goethite developed in vugs and along fractures. Red hematite coats some of the quartz. The strike of quartz veins ranges from northeast to northwest. The main shear orientation is slightly east of north, dipping east. (Samples H4-49134 9 Mo, 38 Pb, 49135 12 Mo, 37 Cu, 33 Pb, 17 Au, 49136 173 Mo, 58 Cu, 126 Pb, 158 Zn, 2.5 Ag, 13 Au, 49137 34 Mo, 10 Au, 49138 25 Mo, 91 Pb, 49139 72 Mo, 32 Au, 49140 115 Mo, 168 Au, 49141 29 Mo, 34 Cu, 101 Pb, 1.8 Ag, 44 Au, H5-49142, 49143 18 Mo, 12 Au, 49144 54 Mo, 49145 39 Mo, 49146 147 Mo, 113 Pb, 3.0 Ag, 94 Au, 49147, 49148).

Along the slope heading upstream on the north fork, quartz float with hematite, iron and manganese alteration is quite common. On a large talus slope, limonitic quartz float was found with galena, chalcopyrite and malachite. The quartz appears to be from narrow veins. Magnetic gabbro and micaceous, magnetic lamprophyre float is common. (Samples H6-81737 40 Mo, 113 Cu, 4673 Pb, 55.2 Ag, 177 Au, H7-81738 523 Cu, 516 Pb, 3.3 Ag, 974 Au, 81739 178 Cu, 54 Pb, 102 Au, 81740 35 Mo, 1642 Pb, 23.8 Ag, 53 Au, H8-81741 31 Cu, 96 Pb, 153 Zn).

Following around contour from the talus slope, considerable lamprophyre float was seen. Further along about 300 meters, narrow quartz veins contain limonite, hematite, chalcopyrite and galena (Sample I5-81742 6 Mo, 373 Cu, 108 Pb, 1607 Au). This quartz appears related to narrow white quartz veins which strike northeast and dip gently southeast.

Further to the southeast more narrow, generally clean white quartz veins were seen; a few have pyrite. Lamprophyre is also present, either as float or in bedrock as narrow sill-like intrusives with the same attitude as the quartz veins. Near the head of the drainage fairly abundant quartz float with galena, chalcopyrite and pyrite was seen in the talus. This material also appears to be coming from narrow bedding-parallel veins, striking northeast but with shallow dips (Sample J3-83095 4 Mo, 311 Cu, 6053 Pb, 789 Zn, 44.2 Ag, 1901 Au).

As the contour is followed across the main talus slope at the headwall of the north fork, strongly altered float is abundant. Quartz and quartz breccia float with limonite, hematite and manganese is found across 250 meters of talus. Much of this material comes from the shear zones on the upper slopes of Mount Bigattini. Some non-magnetic gabbro occurs with the quartz.

Following the north fork of Wuhun Creek downstream 400 meters, a zone of local folding is found with a fine grained gabbro dike. Ten meters west of this zone a five meter wide silicified shear zone is exposed on the edge of the creek. The shear strikes northeast and dips southeast. Across the creek from the shear zone and on a talus slope, considerable magnetic gabbro and lesser sedimentary breccia float was found. The sedimentary breccia float has narrow quartz veins with strong iron and manganese staining. Limonite is also sporadically developed through the breccia. A narrow northeast shear of crushed sediment and minor quartz veining occurs in bedrock above the talus. The zone is strongly limonite and manganese altered. (Samples I6-81743, 44, 45 295 Cu, 138 Zn).

The main shear , which may be the Baldy Fault, carries numerous narrow discontinuous 1 to 10 cm wide quartz veins. Limonite occurs throughout. The quartz veins are typically pyritic and limonite and manganese altered. The hangingwall side has a zone of hematite chlorite breccia which is similarly iron and manganese altered with limonitic quartz veins. The micaceous, fine grained non-magnetic gabbro has some carbonate alteration (orange weathering rind) with chalcopyrite, malachite, manganese and iron. (Samples I4-81746 126 Pb, 30 As, 1023 Au, 81747 7 Mo, 59 Pb, 326 Au, I2-83096 34 Cu, 149 Pb, 24 Au, I3-83097 67 Pb, 22 Au).

The shear zone was traced northerly by surface prospecting for 200 meters to the edge of a steep drop off. On these cliffs and within the creek, a 10 cm quartz vein within the shear contains galena, chalcopyrite and pyrite. Manganese and blebs of fine grained chlorite were also seen. (Samples I1-83098 58 Mo, 29946 Pb, 110.9 Ag, 37 As, 16557 Au, 83099 2204 Pb, 274 Zn, 22.8 Ag, 16 As, 201 Au).

Further downslope to the north the shear is lost under a talus which continues to the edge of a small slough. White clean quartz with minor chlorite and manganese were seen in the talus. One small outcrop is weakly altered and sheared with narrow limonitic and pyritic quartz veins (Sample H9-83100 13 Mo, 30 Cu, 204 Pb, 48 Au).

This fault/shear zone is an important target for continued exploration.

A series of chip samples were taken from one exposure of the shear zone. A detailed geologic map with sample locations and results is given in Figure 5.

Traversing along contour toward Wuhun Lake, quartz float was commonly encountered. Most is clean white bull quartz with minor chlorite and manganese. A few pieces of quartz have iron and limonite staining. About 600 meters along this traverse a wide alteration zone is exposed in old hand trenches. The zone consists of a series of shears and quartz veins. The shears are limonitic and sericitic with lensey discontinuous quartz veins. The quartz is typically pyritic and limonitic. Interestingly, the old work appears to have tested only the larger quartz veins and not the (distinctive) shears with lesser quartz. (Samples I7-52189 98 Pb, 46 As, 1072 Au, 52190 33 Pb, 27 Au, 52191 44 Pb, 88 Au, 52192 34 Pb, 25 As, 146 Au, 52193 36 Pb, 19 As, 207 Au, 52194 95 Pb, 1565 Au, 52195 36 Pb, 72 Au, I8-52196 11 Au, 52197 109 Pb, 239 Zn, 27 Au). This zone could not be traced upstream due to talus and overburden.

At the south end of Wuhun Lake a small bedrock exposure hosts northeast shearing with narrow quartz veining. The quartz has some limonite and manganese alteration (Sample J2-52198 416 Pb, 81 Au).

North of this zone about 100 meters on the shore of Wuhun Lake a number of narrow chloritic and limonitic quartz breccia zones were seen. They appear to be discontinuous (Sample J1-52199 113 Pb).

Further along contour about 150 meters a large area covered by bull quartz and non-magnetic gabbro float was encountered. The quartz shows little alteration (Sample I9-52200 12 Au).

From this point downstream, quartz veins and quartz float are common. These northeast veins are only weakly iron stained and chloritic. One chloritic quartz vein strikes northwest.

At around mid-slope on Wuhun Creek there is a change from Creston to Kitchener Formation. The Kitchener rocks are thin bedded siltstones and show a phyllitic character close to structure. Following the contact zone across Wuhun Creek north onto the ridge, a few pieces of highly altered non-magnetic gabbro float were seen. This material has a rich iron color with narrow limonitic quartz carbonate veins (Sample H3-83094 40 Cu, 191 Pb, 219 Zn). The material may come from the Kitchener / Creston fault contact. The exposed Kitchener rock is sheared and there is a marked increase in silicification, iron and chlorite. This fault contact should be further explored.

3.70 Strong, Shorty and Liverpool Creeks

Bedrock exposed at the headwaters of Strong Creek is quite unaltered in character. The talus slopes prospected did provide occasional limonitic and pyritic quartz (Samples 08-81775, 76, 09-81777, 78, 79 35 Au). Large amounts of gabbro float occur in much of the top basin. Some is magnetic, and follow-up prospecting should be done on this magnetic gabbro.

Between Shorty and Liverpool Creeks fresh logging has exposed altered Kitchener rocks with quartz veining and quartz float carrying chalcopyrite and malachite. Some of the thinner bedded green siltstone is silicified and carries copper mineralization. All of the copper mineralization seen appears discontinuous.

A number of narrow gabbro sills occur within the Kitchener Formation. Exposed contact zones show narrow quartz veining with increased limonite, pyrite and manganese alteration in both gabbro and quartz. A number of pieces of magnetic gabbro float were found in one area. (Samples P1-49101 1610 Cu, P2-49102 3027 Cu, 17 Au, P3-49103 3919 Cu, 50 Au, P4-49104 18 Au, P5-49126 272 Pb, P6-49125 65 Cu, P7-491244062 Cu, 25 Au).

4.00 SOIL GEOCHEMISTRY

Four contour soil lines were done in the upper Wuho Creek drainage to locate the northern extent of the gold-mineralized zone discovered just above the end of the logging road.

Samples were collected from the 'B' soil horizon, typically about 15 cm below surface. The soil was placed into Kraft paper bags and shipped to Acme Analytical Laboratories Ltd. in Vancouver for analyses. Each sample was analyzed for a 30 element ICP package as well as geochemical gold, using standard analytical techniques.

The area sampled is shown on Figure 3 and the detailed grid and results for gold, copper, lead, zinc and silver are provided in Figure 6.

Appendix 2 contains complete geochemical analyses.

The results show no anomalous gold values and no obvious indicator element trends. Apparently overburden effectively masks the gold-bearing zone and it is not detectable with soil geochemistry.

1000 E

2050 N

75

85

38002 Grab of 10 cm Quartz Vein

38003-07 80 cm wide chips est. 10% Quartz

38002 38003 38004 38005 38006 38007

Creek

Thin & med. bedded Altered Creston siltstones Sheared & limonitic

Some thin bedding - // Q.V. up to 10 cm

Hematite Breccia, Botryoidal goethite Vuggy Quartz

(?)

FAULT ZONE

Boulders ↑ White Quartz Vein Breccia

ROCK GEOCHEMISTRY

		ppm			ppb
SAMPLE	Cu	Pb	Zn	Ag	Au
B1745	295	6	138	.2	4
B1746	21	126	15	.5	1023
B1747	11	59	9	.2	326
38001	7	17	6	.2	420
38002	9	16	17	.3	1313
38003	14	13	24	.3	220
38004	22	18	33	.1	137
38005	13	59	22	.1	546
38006	10	19	29	.1	326
38007	3	11	36	.1	81

2000 N

80

80

38001

BALDY

B1746 B1747

Quartz Vein Breccia

Irregular sub-// Q.V. up to 3 cm wide

Sheared, bleached, brecciated Creston argillite & siltstone

~ 25% Quartz veins

32

84

Shear Zone Strong Cleavage

74

32

local flat bedding

Magnetic Diorite Float Trend

Creston Fm

22

Strongly crenulated, Bleached o/c of Creston more sheared than to E or W

88

88

73

White Q.V. Bx Creston

80

57

32

34

Few thin white bedding - // Quartz veins

1950 N

42

75

75

82

Magnetic gabbro

B1745 Lamprophyre Dike Thin Qtz veinlets

Middle Creston Fm chloritic green siltstone

Med. & Thin bedded Chloritic quartzitic siltstones & siltstones

72

0 10 20 30

meters

N

EAST WUHUN CREEK AREA

DETAILED GEOLOGY and ROCK CHIP SAMPLING

Scale 1:500

FIGURE 5

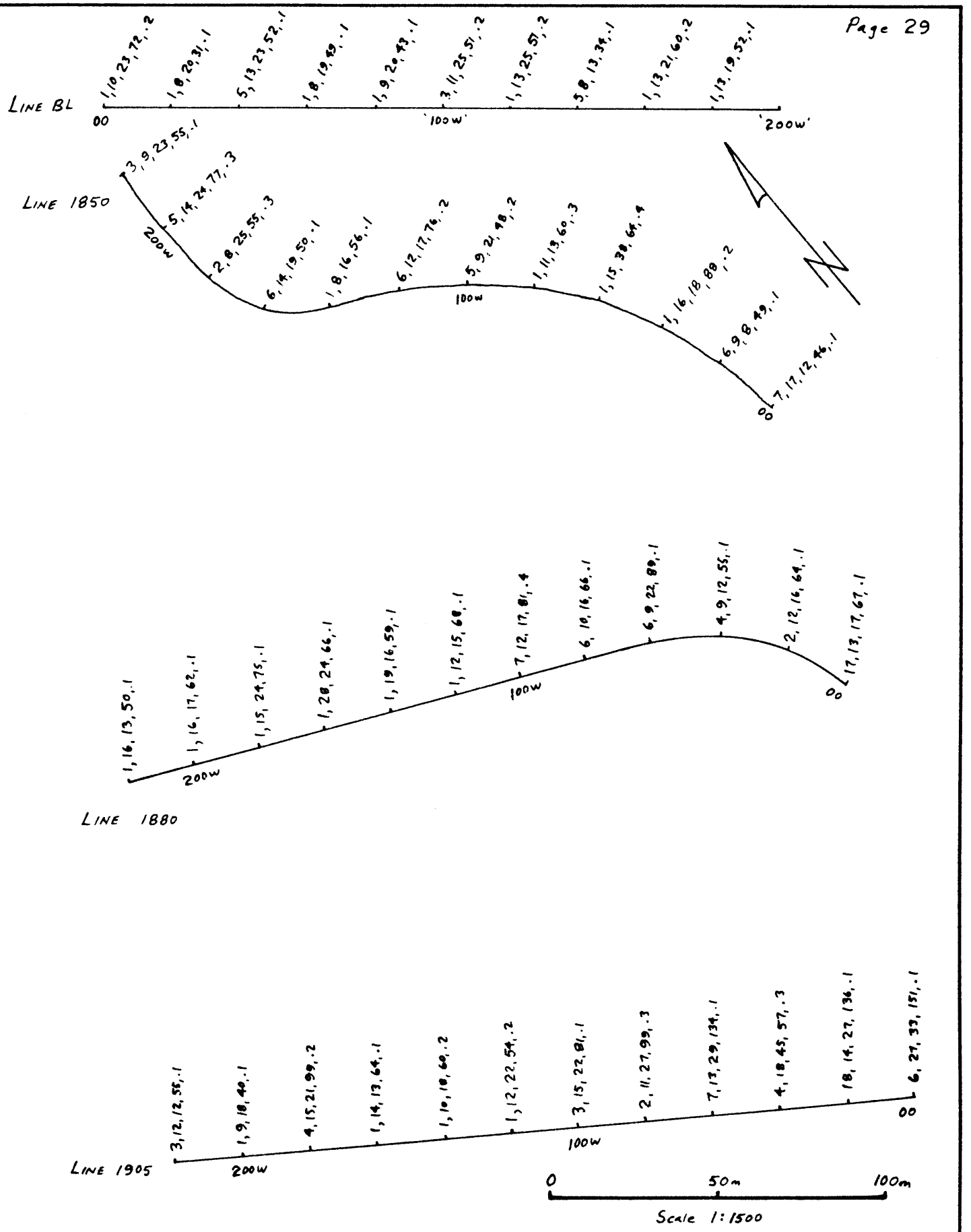


Figure 6. Soil Geochemistry. Values for Au (ppb) Cu, Pb, Zn, Ag (ppm). Upper Wuho Creek Area

5.00 CONCLUSIONS

Extensive prospecting on the Purcell Camp claims has successfully identified a number of new gold-bearing zones. These typically are shears associated with major structural breaks. Copper, lead, zinc and silver are commonly associated with high gold values. The presence of syenite intrusive float near some of the zones supports the association of gold and base metals with Cretaceous intrusives.

Specific zones in upper Wuho Creek, in Negro Creek, in the east fork of Wuhun Creek and on the upper slopes of Mount Bigattini all warrant concerted further exploration attention. The opportunity for discovering economic shear zone hosted gold mineralization in one or more of these zones is considered very good.

6.00 STATEMENT OF EXPENDITURES

Prospectors	
L. English 72 days @ $175.00/day	$12,600.00
T. Kennedy 68 days @ $125.00/day	8,500.00
C. Kennedy 79 days @ $200.00/day	15,800.00
Geologist	
P. Klewchuk 9 days @ $250.00/day	2,250.00
Geochem Analyses	
251 rocks @ $14.75/sample	3,702.25
46 soils @ $14.25/sample	655.50
Drafting and Miscellaneous	625.00
TOTAL EXPENDITURE	$44,132.75

8.00 AUTHOR'S QUALIFICATIONS

As author of this report I, Peter Klewchuk, certify that:

1. I am an independent consulting geologist with offices at 246 Moyie Street, Kimberley, British Columbia.

2. I am a graduate geologist with a BSc degree (1969) from the University of British Columbia and an MSc degree (1972) from the University of Calgary.

3. I am a Fellow in good standing of the Geological Association of Canada.

4. I have been actively involved in mining and exploration geology, primarily in the province of British Columbia, for the past 18 years.

5. I have been employed by major mining companies and provincial government geological departments.

Dated at Kimberley, British Columbia, this 15th day of February, 1992.

Peter Klewchuk
Geologist

Appendix 1. Description of Rock Samples

Sample Number	Description
49101	green siltstone with chalcopyrite, malachite, some calcite
49102	brecciated, silicified sediment float with abundant pyrite and chalcopyrite
49103	quartz float with calcite crystals, chalcopyrite and malachite
49104	gabbro, quartz veining with pyrite
49105	altered sediments, limonitic quartz vein material
49106	altered gabbro and sheared sediments
49107	grab of hematite breccia
49108	"
49109	"
49110	"
49111	narrow quartz veins with pyrite and chlorite
49112	narrow quartz veins with pyrite
49113	"
49114	large quartz vein with pyrite and chlorite
49115	quartz float with pyrite and chlorite
49116	narrow breccia zones, limonite and chlorite
49117	"
49118	quartz vein with limonite and chlorite
49119	abundant quartz float off talus slope with rare limonite
49120	" with visible hematite
49121	quartz breccia zone with some limonite
49122	(same loc. as 49119) gabbro float
49123	quartz float with hematite
49124	quartz rich sedimentary float with malachite and chalcopyrite
49125	narrow vuggy quartz vein in seds with limonite and chlorite
49126	quartz vein along gabbro contact
49127	vuggy limonitic quartz float
49128	limonitic quartz float with hematite
49129	quartz float with limonite and feldspar
49130	"
49131	syenitic material with limonite; felsic intrusive?
49132	limonitic quartz breccia
49133	narrow chlorite breccia zone parallel to bedding
49134	upper trench - limonitic gouge material from shear zone
49135	narrow quartz vein with pyrite and limonite
49136	manganese rich breccia - Felsic intrusive?
49137	narrow quartz vein next to manganese breccia
49138	pyromorphite in limonitic altered siltstone
49139	medium quartz vein with massive limonite and mica
49140	narrow quartz vein with limonite and pyromorphite (?)
49141	medium quartz vein with pyrite
49142	lower trench - rotten clay zone
49143	footwall edge of limonitic quartz vein

Sample Number	Description
49144	hangingwall edge of limonitic quartz vein
49145	quartz vein with limonite and hematite
49146	"
49147	grab of quartz breccia
49148	grab of gray quartz with goethite
49149	talus float - altered sediments with quartz veining, hematite and limonite
49150	talus float - quartz veining with hematite and limonite
81951	" with pyrite
81952	" "
81953	altered seds with limonite in minor quartz veining
81954	2" quartz vein with limonite and chlorite
81955	chlorite-hematite breccia
81956	hematite breccia with magnetite
81957	quartz with hematite
81958	chlorite breccia with abundant pyrite
81959	quartz breccia with carbonate; rare malachite
81960	seds with chalcopyrite, pyrrhotite
81961	quartz float with leached limonitic cubes
81962	"
81963	quartz float with rare limonite and hematite veining
81964	"
81965	vuggy limonitic quartz float off talus
81966	"
81967	limonitic quartz float with hematite
81968	"
81969	"
81970	limonitic quartz float
81971	quartz chlorite breccia with limonite
81972	quartz float with heavy limonitic staining
81973	narrow quartz veining in seds with limonite and hematite staining
81974	chlorite breccia float
81975	altered syenite float with mica
81976	pyritic syenite float
81977	quartz vein in syenite float
81978	quartz float with hematite and magnetite
81979	20 cm limonitic shear material
81980	silicified chloritic seds with pyrite
81981	" more quartz, less sulfides
81982	gray seds with fine grained pyrite
81983	vuggy limonitic stained quartz
81984	highly sheared altered seds with quartz veining
81985	vuggy limonitic quartz float
81986	quartz breccia, limonite and chlorite

Sample Number	Description
81987	quartz breccia, limonite and chlorite
81988	"
81996	vuggy limonitic quartz float with argillite clasts
81997	"
81998	quartz float with weak iron
81999	vuggy limonitic quartz float
82000	brecciated sediment float, iron rich, pyrite and rare galena
81701	"
81702	bedrock - altered sediments with iron stained quartz
81703	hematite breccia float with manganese
81704	breccia zone in bedrock with rare pyrite
81705	narrow quartz vein in bedrock with chalcopyrite, pyrite and galena
81706	"
81707	spongy limonite rich bed
81708	30 cm quartzite bed with quartz veins, galena, chalcopyrite, pyrite, malachite and azurite
81709	"
81710	quartz float, hematite stain, abundant limonite
81711	vuggy quartz float with hematite and limonite
81712	quartz float, yellow stain, argillite clasts
81713	quartz float with limonite and hematite stain
81714	narrow quartz vein with limonite
81715	quartz float with heavy limonite
81716	breccia zone, quartz vein material from old trench
81726	narrow chlorite breccia zone with limonite and hematite
81727	vuggy limonitic quartz float
81728	silicified chlorite breccia with fine grained pyrite
81729	chlorite breccia
81730	narrow quartz vein with limonite and pyrite
81731	quartz float with limonite and pyrite
81732	"
81733	"
81734	"
81735	"
81736	"
81737	quartz float with limonite and fresh pyrite
81738	"
81739	quartz float with limonite, pyrite, rare malachite
81740	quartz float with limonite, pyrite, rare chalcopyrite, and a gray mineral - tetrahedrite? galena?
81741	fine grained green intrusive float, with rusty rim
81742	narrow quartz vein float with rare malachite, chalcopyrite, limonite and pyrite
81743	breccia float with quartz and limonite

Sample Number	Description
81744	narrow shear breccia with goethite and quartz - bedrock
81745	intrusive - fine veinlets with chalcopyrite and pyrite
81746	limonitic quartz breccia
81747	"
81748	vuggy quartz float with heavy iron
81753	quartz vein in sedimentary float with pyrite and hematite
81754	brecciated sed float with vuggy limonitic quartz veins
81755	narrow shear with limonitic quartz veining
81756	lomonitic quartz float
81757	quartz float with pyrite
52184	float vuggy limonitic quartz vein
52185	quartz float, weak limonite and hematite staining, coarse mica zones
52186	"
52187	float quartz vein with limonite and hematite
52188	float quartz vein with limonite
52189	quartz and seds with limonite, pyrite and hematite
52190	"
52191	"
52192	"
52193	"
52194	"
52195	soil and rock fragments off talus slope
52196	limonitic quartz
52197	"
52198	narrow quartz vein, some limonite stain
52199	quartz breccia float, limonite and chlorite
52200	bull quartz float, abundant crystals, weak limonite
81758	brecciated quartz float with limonite
81759	quartz float with limonite
81760	massive quartz with some limonite - bedrock
81761	" more limonite
81762	5 cm limonitic quartz vein
81763	quartz float with limonite stain
81764	brecciated sed float with narrow quartz veining
81765	limonitic quartz float
81766	altered seds with narrow quartz veining, limonite
81767	quartz float with limonite
81768	rare galena in narrow quartz veins
81769	narrow quartz veins with galena and chalcopyrite
81770	albite altered seds with narrow quartz veins and limonite
81774	quartz breccia zone with limonite and fresh pyrite
81775	sed float (off talus with quartz veining) limonite and hematite
81776	" more hematite
81777	brecciated seds with vuggy quartz veining, iron staining
81778	quartz float with limonite
81779	"

Sample Number	Description
81780	quartz breccia zone - quartz with limonite and pyrite
81781	quartz breccia zone - seds with quartz, limonite and pyrite
81782	quartz blow-out, weak limonite and iron stain
81783	quartz breccia zone with limonite
81784	"
81785	strong hematite breccia
81786	hematite zones in silicified rock with limonite, off edge of black hematite
81787	crumbly hematite and limonite material
81788	clay and hematite gouge zone, no limonite stain
81789	strong limonitic material with abundant manganese
81790	strong black hematite
81791	quartz vein and fresh pyrite
81792	"
81793	quartz breccia and fresh pyrite
81794	quartz breccia with pyrite and limonite
81795	"
81796	Hematitic fault zone, chlorite breccia with weak hematite and limonite
81797	chlorite breccia with narrow quartz vein, hematite and limonite
81798	vuggy limonitic quartz breccia
81799	"
81801	quartz vein with limonite and pyrite
81802	altered gabbro, rare chalcopyrite and pyrite + gray mineral - galena?
81803	silicified hematite, magnetite breccia
81804	quartz vein with rare pyrite, coarse chlorite
81805	narrow quartz vein with magnetite, hematite and iron stain
81806	magnetite-hematite vein
81807	altered magnetite-hematite breccia with rare pyrite
81808	hematite breccia from trench
81809	hematite breccia
83073	hematite breccia
83074	narrow vuggy quartz vein with limonite, carbonate
83075	brecciated quartz with rare limonite
83076	narrow quartz vein with limonite breccia zone
83077	narrow quartz vein with limonite
83078	"
83079	altered seds, some quartz with rare limonite, chip sample over 25 feet
83080	narrow quartz vein
83081	narrow quartz vein breccia zone
83082	breccia zone, iron stained quartz with limonite
83083	"
83084	"
83085	quartz breccia float with limonite and hematite stain
83086	"

Sample Number	Description
"	
83087	quartz vein with chlorite and limonite
83088	quartz float with pyrite off talus
83089	quartz float with magnetite and hematite
83090	gabbro float with epidote and magnetite
83091	altered seds, narrow quartz veins with limonite
83092	quartz breccia with limonite, sericite
83093	quartz vein with weak iron stain
83094	altered gabbro float with quartz veining, some pyrite
83095	narrow quartz vein, galena with malachite and limonite
83096	hematite breccia, rare limonite
83097	"
83098	narrow quartz vein with galena, from shear zone
83099	2 m wide chip sample, altered seds, rare quartz with limonite, hematite
83100	narrow quartz vein with limonite and pyrite
53351	vuggy quartz float by vein with chlorite and hematite stain
53352	quartz float with limonite and hematite stain
53353	narrow quartz vein float, vuggy with limonite stain
53354	20 cm quartz vein float, vuggy and limonitic
53355	narrow quartz vein - bedrock - vuggy with pyrite
53356	narrow quartz veins with limonite and iron stain
53357	quartz float with magnetite and limonite, mixed with gabbro float
53358	non-magnetic gabbro float
53359	altered lamprophyre, clay-like with abundant mica
53360	narrow contact zone between lamprophyre and seds, some quartz, iron
53361	gouge zone within chlorite breccia
53362	" some quartz
53363	chlorite breccia, manganese rich
53364	quartz float with some limonite and hematite
38001	sheared breccia zone, 15% quartz, chip over 25 cm
38002	10 cm wide quartz vein, from bedding-parallel shear zone
38003	80 cm wide chip sample, shear zone, 10% quartz veins
38004	"
38005	"
38006	"
38007	"

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Dragoon Resources Ltd. File # 91-2284 Page 1

305 - 675 W. Hastings St., Vancouver BC V6B 1N2 Submitted by: L. ENGLISH

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
49101	2	1610	34	73	.5	8	6	788	1.16	6	5	ND	7	25	.5	4	6	3	.81	.025	12	7	.67	585	.01	2	.58	.02	.17	1	6
49102	2	3027	27	21	.5	11	7	400	1.06	4	5	ND	9	3	.2	2	17	1	.04	.012	12	9	.03	312	.01	4	.26	.04	.05	1	17
49103	4	3919	40	38	.5	8	8	37	.92	6	5	ND	1	382	.2	3	39	1	.01	.005	2	5	.02	795	.01	3	.03	.01	.01	1	50
49104	1	49	13	124	.2	22	62	1023	8.82	24	5	ND	3	70	.7	2	2	69	2.56	.177	16	15	2.40	40	.01	2	2.65	.02	.09	1	18
49105	1	28	19	24	.1	1	9	166	1.45	2	5	ND	9	12	.2	2	2	2	.05	.017	17	6	.06	588	.01	2	.28	.06	.04	1	2
49106	2	34	15	71	.1	14	13	256	2.83	12	5	ND	14	21	.2	2	2	8	.63	.251	35	27	1.23	383	.01	2	1.59	.03	.05	1	6
49107	1	23	12	25	.1	3	13	17	22.84	22	5	ND	8	23	1.6	2	8	251	.02	.009	4	15	.04	1337	.11	2	.56	.01	.03	2	665
49108	1	5	8	12	.1	17	10	31	4.02	7	5	ND	12	3	.4	2	3	38	.01	.012	26	26	.04	103	.03	2	.45	.05	.01	1	40
49109	2	4	3	10	.1	20	23	27	7.54	14	5	ND	7	3	.2	2	3	72	.01	.012	10	21	.01	96	.06	2	.45	.04	.01	2	104
49110	2	2	7	15	.1	51	58	27	9.71	20	5	ND	8	5	.5	2	2	142	.13	.055	10	32	.05	53	.11	2	.36	.06	.01	1	124
49111	1	57	67	62	.1	26	39	1679	3.83	11	5	ND	4	9	.2	2	2	11	.01	.031	46	8	.18	188	.01	2	.77	.01	.05	1	8
49112	2	7	15	17	.1	17	11	90	4.43	10	5	ND	6	4	.2	2	5	6	.01	.006	11	14	.16	48	.01	4	.55	.01	.11	1	4
49113	1	5	35	51	.1	12	13	121	5.70	14	5	ND	5	3	.2	2	2	18	.01	.019	7	16	1.96	36	.01	2	1.94	.01	.02	1	2
49114	5	3	59	20	.2	20	95	74	5.30	20	5	ND	2	12	.2	2	2	4	.01	.003	5	13	.22	21	.01	4	.36	.01	.03	1	5
49115	3	16	754	50	.8	30	59	249	7.38	36	5	ND	3	10	.2	2	4	8	.01	.042	13	11	.27	73	.01	2	.65	.01	.02	1	5
49116	1	17	70	43	.1	9	8	206	2.44	2	5	ND	1	8	.2	2	2	8	.01	.013	3	9	.33	66	.01	2	.75	.01	.02	1	3
49117	1	19	88	32	.1	12	17	316	1.18	2	5	ND	1	8	.2	2	2	3	.01	.007	10	6	.21	30	.01	2	.52	.01	.01	2	8
49118	4	20	64	30	.3	21	9	194	1.17	2	5	ND	1	9	.2	2	2	2	.01	.005	2	14	.10	27	.01	2	.24	.01	.01	1	1
49119	2	1	2	109	.1	58	41	1954	11.33	16	5	ND	1	3	.6	2	4	11	.01	.022	2	7	.06	418	.01	4	.05	.01	.01	1	3
49120	1	6	2	20	.1	12	4	143	1.20	2	5	ND	1	1	.2	2	2	1	.01	.005	3	6	.01	47	.01	3	.06	.01	.03	1	1
49121	1	35	11	12	.1	9	10	107	1.26	2	5	ND	2	2	.2	3	2	2	.01	.007	5	7	.17	17	.01	2	.27	.01	.02	2	1
49122	1	102	5	65	.1	158	29	603	4.16	7	5	ND	3	40	.2	2	5	67	.65	.040	8	217	2.82	16	.21	2	3.16	.01	.05	1	2
49123	2	40	30	15	.1	17	16	1129	1.91	12	5	ND	3	4	.2	2	4	5	.02	.010	13	9	.05	966	.01	2	.15	.01	.07	1	428
49124	2	4062	32	25	1.0	15	12	904	1.96	8	5	ND	4	1	.2	2	21	2	.02	.005	2	9	.33	104	.01	2	.35	.01	.03	1	25
49125	1	65	11	28	.1	10	6	334	1.54	6	5	ND	8	76	.2	2	3	2	.02	.009	4	8	.35	1957	.01	5	.52	.01	.10	2	2
49126	6	19	272	53	.1	18	20	737	3.08	15	5	ND	2	5	.7	2	2	15	.06	.026	4	14	1.30	108	.01	2	1.12	.01	.05	1	1
49127	3	16	13	17	.1	11	3	134	1.53	16	5	ND	4	2	.2	2	2	1	.01	.006	10	8	.03	42	.01	3	.16	.01	.10	1	16
49128	5	25	10	15	.2	7	4	97	2.46	29	5	ND	6	1	.2	2	3	2	.01	.008	13	9	.01	32	.01	5	.18	.01	.11	1	29
49129	1	8	5	13	.2	1	4	54	2.99	50	5	ND	4	4	.2	2	4	1	.01	.011	5	5	.01	96	.01	5	.17	.01	.03	1	120
49130	3	10	15	21	.1	6	5	73	2.92	44	5	ND	5	1	.2	2	2	1	.01	.011	4	10	.02	15	.01	4	.19	.01	.03	1	138
49131	3	7	4	24	.1	8	5	114	3.40	22	5	ND	12	2	.6	2	4	2	.01	.024	18	7	.01	16	.01	2	.54	.04	.04	1	15
49132	2	10	9	17	.2	2	2	72	2.11	47	5	ND	4	1	.2	2	2	1	.01	.011	7	8	.01	24	.01	5	.14	.01	.07	1	24
49133	1	18	375	46	.5	11	7	183	2.90	7	5	ND	16	12	.2	2	7	18	.02	.026	35	33	.31	43	.03	4	.86	.06	.17	1	3
49134	9	12	38	27	.1	11	63	833	1.01	4	5	ND	9	1	.2	2	2	2	.01	.015	19	7	.05	152	.01	2	.61	.01	.06	1	6
49135	12	37	33	15	.1	8	5	48	1.76	7	5	ND	14	1	.2	2	12	3	.01	.039	32	13	.03	21	.01	2	.48	.01	.16	1	17
49136	173	58	126	158	2.5	54	231	24247	5.04	14	5	ND	11	2	1.0	2	5	14	.01	.124	18	19	.03	4486	.01	2	1.05	.01	.08	1	13
STANDARD C/AU-R	18	58	42	133	7.3	70	31	1033	3.95	42	16	7	40	51	18.3	15	19	54	.48	.092	38	59	.88	173	.09	32	1.88	.06	.15	12	468

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 4 1991 DATE REPORT MAILED: July 10/91 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
C 49137	34	5	11	17	.1	8	5	294	1.05	2	5	ND	4	1	.2	2	2	2	.01	.014	13	9	.02	75	.01	3	.35	.01	.06	1	10
C 49138	25	15	91	98	.2	20	12	133	6.01	2	5	ND	9	2	.2	2	3	1	.01	.081	17	4	.02	48	.01	4	.62	.01	.11	1	5
C 49139	72	4	3	59	.6	7	18	27	31.82	2	5	ND	3	1	.2	2	4	4	.01	.066	2	11	.01	92	.01	2	.20	.01	.02	1	31
C 49140	115	5	5	45	.1	8	5	40	5.03	4	5	ND	4	1	.2	2	3	1	.01	.053	5	6	.01	12	.01	2	.28	.01	.03	1	168
C 49141	29	34	101	61	1.8	13	26	18	39.72	2	5	ND	3	1	.2	2	18	1	.01	.039	2	71	.01	10	.01	2	.10	.01	.01	1	44
C 49142	4	4	7	19	.1	9	4	39	1.43	6	5	ND	19	1	.2	2	2	6	.01	.017	20	15	.19	23	.01	2	.65	.01	.10	1	6
C 49143	18	2	16	17	.1	7	3	48	3.11	2	5	ND	4	1	.2	2	2	5	.01	.022	16	14	.01	21	.01	2	.19	.01	.07	1	12
C 49144	54	2	4	13	.1	5	2	36	1.26	2	5	ND	3	1	.2	2	2	4	.01	.011	6	7	.01	16	.01	2	.17	.01	.10	1	4
C 49145	39	5	25	26	.2	9	4	56	4.77	5	5	ND	3	1	.2	2	2	6	.01	.016	5	10	.01	15	.01	2	.16	.01	.07	1	8
C 49146	147	4	113	61	3.0	7	18	60	35.61	2	5	ND	3	1	.2	6	19	7	.01	.074	2	16	.01	15	.01	11	.15	.01	.03	1	94
C 49147	5	1	16	13	.1	11	12	107	3.63	5	5	ND	3	2	.2	2	2	7	.01	.013	4	9	.04	28	.01	4	.21	.01	.10	1	5
C 49148	2	1	2	9	.1	6	1	64	.62	2	5	ND	2	3	.2	2	2	2	.01	.003	3	7	.31	14	.01	2	.34	.01	.03	1	1
C 49149	1	12	5	15	.1	6	23	59	3.55	5	5	ND	1	1	.2	2	2	18	.01	.014	3	8	.57	55	.01	2	.76	.01	.01	1	32
C 49150	5	3	5	11	.1	12	10	55	2.62	3	5	ND	2	1	.2	2	2	9	.01	.010	2	13	.59	5	.01	2	.64	.01	.01	1	5
B 81951	2	3	10	17	.1	6	52	30	11.33	2	5	ND	1	1	.2	2	2	12	.01	.024	2	6	.06	40	.01	4	.36	.01	.01	1	11
B 81952	1	5	9	19	.1	9	4	84	1.19	2	5	ND	5	3	.2	2	2	3	.04	.019	16	6	.07	31	.01	4	.29	.03	.05	1	17
B 81953	10	656	74	46	.3	11	17	168	6.68	7	5	ND	15	4	.2	2	38	7	.01	.043	6	17	1.74	39	.01	2	1.40	.01	.01	1	9
STANDARD C/AU-R	19	57	43	134	6.8	75	32	1066	4.02	38	19	7	39	52	18.4	15	19	57	.48	.095	40	58	.89	175	.09	36	1.90	.06	.15	13	459

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
52184	7	56	158	9	2.0	18	10	90	3.65	52	5	18	1	1	.2	2	2	1	.01	.019	4	10	.01	6	.01	2	.08	.01	.03	1	16466
52185	2	5	22	10	.1	13	1	66	.73	8	5	ND	1	3	.2	2	3	1	.02	.005	2	10	.02	15	.01	2	.08	.01	.03	1	27
52186	3	24	18	7	.1	32	16	55	2.16	2	5	ND	11	7	.2	2	3	2	.01	.041	120	12	.04	27	.01	2	.20	.01	.09	2	29
52187	9	682	1051	9	37.2	14	14	74	5.01	12	5	ND	1	6	.2	10	135	3	.01	.021	2	13	.04	8	.01	2	.12	.01	.01	1	74
52188	7	135	279	5	1.6	11	3	69	2.42	8	5	ND	1	13	.2	2	63	6	.01	.012	3	13	.01	6	.01	2	.16	.01	.02	1	19
52189	3	15	92	11	.5	33	18	170	9.73	46	5	ND	2	4	.2	2	5	5	.02	.027	2	13	.05	75	.01	28	.27	.01	.10	1	1072
52190	3	18	33	23	1.0	18	7	143	2.19	9	5	ND	6	9	.2	2	2	2	.11	.044	9	11	.04	23	.01	3	.33	.07	.07	1	27
52191	2	7	44	10	.4	16	5	48	1.92	5	5	ND	2	3	.2	2	2	1	.04	.016	4	11	.03	26	.01	3	.24	.04	.01	1	88
52192	2	7	34	13	.2	22	10	187	4.73	25	5	ND	2	7	.2	2	2	3	.09	.041	4	15	.04	46	.01	62	.20	.01	.05	2	146
52193	2	9	36	22	.2	32	18	224	11.53	19	22	ND	1	4	.2	2	4	6	.03	.040	2	15	.05	53	.01	4	.16	.01	.03	1	207
52194	1	15	95	72	.3	33	21	247	5.84	7	7	3	9	3	.2	2	2	7	.04	.034	25	11	.07	48	.01	4	.61	.02	.17	1	1565
52195	1	8	36	54	.3	18	11	495	3.20	4	7	ND	14	7	.2	2	2	6	.08	.039	34	7	.31	108	.01	3	1.09	.02	.13	1	72
52196	2	4	21	29	.1	17	5	175	2.24	3	5	ND	7	11	.2	2	2	3	.23	.088	22	13	.06	38	.01	2	.63	.07	.08	1	11
52197	2	2	109	239	.1	20	7	327	2.99	3	5	ND	4	6	1.6	2	2	2	.03	.016	16	9	.05	74	.01	2	.27	.04	.07	1	27
52198	5	27	416	23	.2	14	8	414	2.43	5	5	ND	6	2	.2	2	4	2	.03	.012	19	9	.03	52	.01	2	.30	.04	.11	1	81
52199	3	5	113	24	.1	21	11	355	2.28	3	5	ND	4	9	.2	2	2	2	.09	.019	18	1	.05	1045	.01	2	.30	.06	.09	1	3
52200	3	4	6	12	.1	15	2	191	1.25	5	5	ND	1	1	.2	2	2	16	.01	.011	2	15	.02	56	.01	16	.06	.01	.01	1	12
81758	3	5	572	52	.1	22	6	152	2.26	12	5	ND	3	12	.2	2	2	7	.01	.020	11	22	1.22	16	.01	2	1.35	.01	.08	1	3
81759	3	9	272	8	.1	11	3	118	2.56	21	5	ND	2	43	.2	2	6	3	.01	.027	4	15	.04	15	.01	2	.15	.01	.03	2	13
81760	3	6	16	4	.1	11	4	53	1.58	14	5	ND	1	8	.2	2	4	2	.01	.009	4	9	.01	8	.01	2	.07	.01	.02	1	24
81761	4	8	31	6	.1	19	22	91	2.17	106	5	ND	1	8	.2	2	6	1	.01	.009	2	16	.03	9	.01	2	.09	.01	.03	1	31
81762	4	7	17	2	.1	14	2	81	1.26	35	5	ND	1	8	.2	2	2	1	.01	.003	2	16	.01	5	.01	2	.04	.01	.01	2	30
81763	3	6	7	2	.1	12	2	58	1.56	7	5	ND	1	7	.2	2	3	1	.01	.005	2	10	.01	9	.01	2	.02	.01	.01	1	18
81764	24	5	3	19	.1	18	10	122	3.59	17	5	ND	3	3	.2	2	2	5	.01	.037	12	15	.11	16	.01	2	.43	.01	.09	1	4
81765	6	9	2	3	.1	21	17	71	5.54	19	5	ND	1	2	.2	2	2	1	.01	.028	3	17	.01	4	.01	2	.05	.01	.02	2	15
81766	2	3	6	23	.1	16	7	123	3.97	42	5	ND	10	4	.2	2	2	8	.01	.037	36	20	1.00	24	.01	2	1.50	.01	.18	1	3
81767	3	5	4	10	.1	12	3	85	1.82	4	5	ND	4	4	.2	2	2	2	.01	.009	10	14	.44	16	.01	2	.62	.01	.08	1	5
81768	2	12	630	883	.2	13	3	282	.93	7	5	ND	10	7	17.0	2	2	3	.08	.008	28	13	.05	36	.02	2	.31	.07	.11	6	57
81769	2	5	25	19	.2	7	2	47	3.43	43	5	ND	6	3	.3	3	3	6	.02	.005	13	15	.01	4	.01	2	.26	.05	.01	1	40
81770	3	358	1322	913	1.4	15	7	498	1.13	18	5	ND	5	7	15.5	2	6	1	.27	.004	14	13	.02	30	.01	2	.18	.06	.07	6	16
81771	2	7	23	37	.1	11	3	128	.88	3	5	ND	3	2	.4	2	2	2	.01	.006	9	10	.21	14	.01	2	.40	.05	.05	1	7
81772	7	8	3	2	.1	14	2	51	1.12	3	5	ND	1	1	.2	2	2	2	.01	.001	2	13	.01	6	.01	2	.02	.01	.01	1	187
81773	2	8	9	12	.1	9	3	107	7.77	5	5	ND	1	2	.2	2	2	15	.01	.005	5	11	.09	7	.01	2	.22	.01	.02	4	25
81775	2	2	2	18	.1	11	4	147	1.17	2	5	ND	3	1	.2	2	2	1	.01	.005	11	8	.03	26	.01	2	.25	.04	.04	1	1
81776	2	6	3	16	.1	14	4	315	1.37	5	5	ND	4	1	.2	2	2	1	.01	.011	22	9	.02	41	.01	2	.22	.05	.05	1	7
81777	2	4	2	25	.1	14	7	293	1.39	7	5	ND	3	1	.2	2	2	2	.01	.011	15	12	.02	33	.01	2	.20	.04	.04	2	7
STANDARD C/AU-R	17	57	41	132	6.9	70	31	1034	3.93	41	17	6	38	52	18.6	15	18	56	.48	.090	38	58	.88	176	.09	33	1.88	.06	.15	13	466

Talus Fines Low Lead

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
B 81778	1	2	3	30	.1	16	5	177	2.26	7	5	ND	1	1	.2	2	6	1	.02	.031	3	7	.02	28	.01	2	.08	.03	.01	1	1
B 81779	3	9	16	66	.1	25	15	522	3.13	8	5	ND	2	1	.2	2	13	1	.01	.014	6	13	.03	75	.01	2	.12	.02	.05	1	35

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Dragoon Resources Ltd. File # 91-4468

305 - 675 W. Hastings St., Vancouver BC V6B 1N2 Submitted by: L. ENGLISH

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
38001	1	7	17	6	.2	9	4	64	1.53	49	5	ND	6	10	.2	2	2	1	.01	.014	34	6	.02	45	.01	2	.28	.01	.19	2	420
38002	3	9	16	17	.3	11	2	82	1.41	39	5	3	3	4	.2	2	2	1	.01	.005	14	9	.01	51	.01	2	.12	.01	.08	2	1313
38003	1	14	13	24	.3	8	6	431	2.05	18	5	ND	8	5	.2	2	2	2	.05	.022	26	4	.02	79	.01	2	.35	.01	.17	1	220
38004	1	22	18	33	.1	10	7	214	2.94	40	5	ND	10	8	.2	2	2	2	.01	.022	39	3	.01	68	.01	2	.25	.01	.14	1	137
38005	4	13	59	22	.1	12	4	100	2.07	33	5	ND	8	5	.2	2	2	2	.01	.018	34	9	.01	42	.01	2	.26	.01	.17	1	546
38006	1	10	14	24	.1	10	7	202	2.37	53	5	ND	9	9	.2	2	2	2	.01	.019	46	4	.03	59	.01	2	.35	.01	.19	1	326
38007	1	3	11	36	.1	11	8	588	2.18	17	5	ND	10	6	.2	2	2	3	.03	.024	49	5	.03	85	.01	2	.37	.01	.19	1	81
C 53351	5	17	6	9	.1	15	2	73	.98	6	5	ND	1	8	.2	2	2	2	.01	.005	2	16	.02	7	.01	2	.08	.01	.02	3	10
C 53352	6	10	22	4	5.4	15	3	101	1.61	8	5	4	1	3	.2	2	2	2	.01	.003	5	12	.01	16	.01	2	.07	.01	.05	1	2940
C 53353	361	23	13	11	.1	7	2	76	2.20	3	5	ND	4	6	.2	2	2	1	.01	.003	12	9	.01	31	.01	2	.23	.03	.15	1	147
C 53354	53	28	3	3	.1	14	2	86	2.69	5	5	ND	1	3	.2	2	2	1	.01	.009	3	16	.01	10	.01	2	.07	.01	.02	3	74
C 53355	16	15	5	3	.1	14	2	72	2.33	2	5	ND	1	6	.2	2	2	1	.01	.004	4	13	.01	23	.01	2	.11	.03	.07	1	14
C 53356	16	14	8	10	.1	10	2	86	1.35	2	5	ND	1	5	.2	2	2	1	.01	.002	2	11	.01	12	.01	2	.13	.04	.04	2	8
C 53357	5	270	8	12	1.9	16	3	112	1.45	3	5	2	1	6	.2	2	2	1	.01	.010	4	14	.01	5	.01	2	.03	.01	.01	3	378
C 53358	1	35	7	46	.2	88	17	335	2.69	2	5	ND	3	58	.2	2	2	35	.85	.080	10	120	1.41	39	.22	2	1.78	.04	.17	1	4
C 53359	1	74	6	113	.5	226	46	1255	7.91	2	5	ND	6	66	.2	2	2	133	.77	.249	45	283	4.69	717	.21	11	4.49	.02	1.66	1	5
C 53360	1	181	412	120	.4	97	54	2765	17.83	11	36	ND	8	23	.2	2	3	69	.26	.276	25	91	1.26	562	.02	17	1.92	.02	.13	1	5
C 53361	1	6	22	73	.2	57	22	1078	6.92	2	5	ND	12	57	.2	2	2	58	1.55	.632	21	79	3.36	223	.01	8	4.42	.03	.04	1	13
C 53362	1	6	5	33	.2	15	8	2851	4.53	4	5	ND	11	21	.2	2	2	21	.47	.153	31	26	1.57	194	.01	8	2.10	.04	.08	1	7
C 53363	1	7	20	39	.4	12	7	5409	4.84	2	5	ND	15	28	.2	2	2	35	1.66	.642	38	32	3.76	400	.01	13	3.12	.03	.02	1	5
C 53364	9	4	2	4	.1	16	1	567	.84	2	5	ND	1	3	.2	2	2	2	.06	.016	2	95	.14	26	.01	2	.17	.01	.01	2	4
C 53365	1	15	3	15	1.7	8	2	163	3.02	2	5	2	8	3	.2	2	2	2	.01	.010	19	9	.03	40	.01	2	.21	.04	.12	1	1029
C 53366	1	35	4	16	1.2	14	11	739	2.58	2	5	ND	7	24	.2	2	2	5	.93	.022	7	7	.34	28	.01	2	.27	.06	.09	1	1900
C 53367	5	9	3	18	1.7	10	2	92	2.12	2	5	2	6	8	.2	2	2	2	.07	.012	22	43	.02	32	.01	2	.16	.06	.16	1	1501
C 53368	3	6	2	18	.1	32	152	419	5.03	3	5	ND	5	11	.2	2	2	33	.78	.016	6	33	.69	21	.01	4	.93	.05	.01	1	21
C 53369	1	4	13	7	.1	6	19	96	1.69	4	5	ND	11	5	.2	2	2	10	.04	.011	17	27	.25	9	.01	2	.42	.08	.02	1	25
C 53370	5	125	25	61	.1	38	15	416	10.53	2	5	ND	4	4	.2	2	2	10	.01	.016	8	68	1.13	9	.01	12	1.41	.01	.03	1	11
C 53371	2	791	6	105	2.3	45	10	284	4.27	7	5	ND	1	7	2.4	2	6	37	.28	.008	2	13	.35	8	.01	5	.94	.02	.05	1	20
RE C 53367	5	10	3	19	1.6	9	2	89	2.12	2	5	2	6	4	.2	2	2	3	.02	.012	21	42	.02	31	.01	2	.17	.06	.16	1	1449
C 53372	2	10	7	17	.1	9	6	95	1.26	27	5	ND	5	19	.2	2	2	1	.06	.033	16	4	.02	24	.01	2	.27	.01	.13	1	8
STANDARD C/AU-R	18	56	39	134	7.0	72	32	1056	3.99	43	15	6	36	53	18.7	16	19	56	.51	.091	38	59	.89	178	.09	38	1.91	.06	.15	11	462

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 16 1991 **DATE REPORT MAILED:** Sept 19/91. **SIGNED BY.** .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Dragoon Resources Ltd. File # 91-2536 Page 1

305 - 675 W. Hastings St., Vancouver BC V6B 1N2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
81701	2	554	4942	842	3.1	11	4	337	1.44	13	5	ND	9	6	5.9	2	2	2	.05	.016	30	7	.04	36	.01	3	.36	.04	.14	1	426
81702	2	9	97	62	.1	11	4	164	2.86	19	5	ND	7	4	.3	2	2	10	.01	.015	50	21	.72	14	.01	3	1.24	.06	.06	1	12
81703	1	8	50	18	.1	17	9	181	1.04	11	5	ND	34	3	.2	2	4	2	.04	.010	47	8	.05	25	.01	2	.29	.09	.06	1	1
81704	1	17	28	30	.1	16	11	312	2.54	64	5	ND	10	5	.2	2	2	4	.02	.011	45	11	.05	38	.01	3	.42	.05	.14	1	4
81705	1	347	18089	1146	16.5	15	6	321	2.48	27	5	ND	12	8	8.1	6	17	3	.08	.036	31	9	.04	85	.01	3	.48	.02	.26	1	96
81706	3	102	6498	507	4.0	8	1	47	1.78	17	5	ND	6	11	4.1	2	2	1	.01	.008	19	9	.01	31	.01	2	.18	.04	.14	1	161
81707	1	16	75	83	.1	34	9	3439	12.96	27	5	ND	13	19	1.4	2	2	3	.20	.044	69	9	.06	113	.01	2	.63	.03	.08	1	50
81708	3	1827	9186	1197	5.8	14	3	237	2.14	24	5	ND	9	19	13.3	2	3	2	.08	.023	21	11	.02	33	.01	2	.27	.05	.10	1	3080
81709	2	906	7158	1172	4.4	12	3	245	1.44	15	5	2	7	8	23.9	3	2	2	.10	.014	19	9	.01	29	.01	3	.21	.03	.08	1	1180
81710	3	36	243	33	.1	25	36	48	3.09	8	5	ND	1	5	.2	2	2	1	.01	.008	3	18	.01	4	.01	2	.09	.01	.01	2	14
81711	2	14	75	15	.1	14	13	39	4.60	6	5	ND	1	8	.2	2	2	8	.01	.022	25	10	.03	5	.01	2	.13	.01	.02	1	8
81712	2	6	29	27	.1	28	3	90	3.23	6	5	ND	1	8	.4	2	2	11	.06	.071	4	14	1.23	11	.01	2	1.16	.01	.04	1	5
81713	2	13	493	39	.5	6	6	47	4.56	14	5	ND	1	4	.4	2	3	3	.01	.013	6	7	.01	14	.01	2	.15	.01	.07	1	9
81714	3	11	128	20	.1	13	5	70	2.30	4	5	ND	4	4	.7	2	2	4	.01	.011	16	11	.22	14	.01	2	.57	.01	.08	1	5
81715	4	12	71	15	.1	8	7	148	3.59	18	5	ND	2	5	.2	2	2	6	.01	.010	10	11	.03	9	.01	2	.21	.01	.03	1	6
81716	3	7	23	45	.1	20	6	71	2.79	3	5	ND	2	5	.2	2	2	8	.01	.027	21	20	1.23	5	.01	2	1.25	.01	.02	2	5
81717	3	214	20	131	.2	47	7	119	4.86	77	5	ND	1	7	.2	10	2	8	.01	.025	24	16	.01	9	.01	2	.09	.01	.04	1	11
81718	4	50	14	12	.1	11	1	57	1.46	4	5	ND	4	2	.2	2	2	4	.01	.015	17	11	.11	19	.01	2	.39	.01	.13	1	85
81719	4	58	30	12	.1	9	3	110	1.47	2	5	ND	3	2	.2	2	2	3	.01	.011	17	8	.03	22	.01	2	.30	.01	.16	1	29
81720	4	29	12	9	.1	9	1	93	1.19	3	5	ND	1	2	.2	2	2	1	.01	.005	4	7	.01	12	.01	2	.14	.01	.07	1	8
81721	3	13	50	10	.1	16	2	76	1.25	4	5	ND	5	1	.2	2	2	3	.01	.007	11	13	.13	17	.01	2	.41	.01	.09	2	12
81722	1	25	8	14	.1	7	1	88	1.33	2	5	ND	5	2	.2	2	2	5	.01	.004	27	10	.10	11	.01	2	.34	.04	.07	1	18
81723	4	1523	148	56	.8	127	101	1790	15.25	55	5	ND	3	8	.2	27	10	5	.02	.149	5	19	.01	115	.01	2	.22	.01	.03	6	3
81724	5	1602	39	56	.4	81	82	4366	13.58	88	5	ND	2	23	.2	22	11	1	.02	.155	2	16	.01	175	.01	2	.22	.01	.01	2	3
81725	2	118	113	7	.3	9	4	236	1.56	6	5	ND	2	1	.2	5	4	3	.01	.017	6	6	.01	14	.01	2	.21	.01	.08	1	3
81954	2	63	39	35	.1	13	7	1228	2.54	17	5	ND	5	6	.2	2	2	4	.01	.017	15	8	.02	47	.01	2	.26	.01	.15	1	88
81955	2	7	8	44	.1	20	3	174	4.28	2	5	ND	3	5	.9	2	2	23	.03	.020	11	14	.89	13	.01	2	1.45	.04	.04	1	1
81956	2	7	3	11	.1	9	2	2	13.01	3	5	ND	4	6	.2	2	2	56	.01	.008	12	16	.01	15	.06	2	.12	.10	.03	4	7
81957	1	5	2	6	.1	8	1	56	3.33	2	5	ND	1	4	.2	2	2	28	.01	.003	4	11	.04	4	.01	2	.17	.02	.01	1	1
81958	1	24	834	100	.6	19	47	275	6.98	19	5	ND	9	9	.5	2	3	10	.16	.012	10	24	.75	37	.08	2	1.15	.06	.18	1	4
81959	2	104	62	48	.3	15	5	1001	5.11	11	5	ND	6	12	.7	2	2	3	.10	.010	13	12	.12	44	.01	2	.30	.02	.15	1	3
81960	1	170	60	32	.1	39	23	174	2.83	2	5	ND	10	9	.4	2	3	9	.21	.013	52	23	.10	24	.08	2	.37	.03	.08	1	1
81961	2	10	6	4	.1	9	2	59	1.30	16	5	ND	1	2	.2	2	2	1	.01	.002	3	8	.01	3	.01	2	.03	.01	.01	1	12
81962	2	6	20	17	.2	9	2	38	1.32	126	5	ND	1	1	.2	2	2	2	.01	.006	2	7	.01	3	.01	2	.04	.01	.02	1	29
81963	3	20	96	56	1.3	17	3	91	3.72	318	5	ND	2	2	.2	2	3	5	.01	.008	4	11	.01	8	.01	3	.11	.01	.03	1	69
81964	5	33	66	73	.4	33	5	58	5.16	311	5	ND	3	2	.7	2	2	6	.02	.011	9	19	.01	14	.01	3	.13	.01	.07	2	58
STANDARD C/AU-R	18	59	41	133	7.3	70	31	1050	3.99	40	19	6	37	51	17.7	16	23	56	.49	.090	37	60	.88	178	.09	31	1.89	.06	.16	13	485

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 15 1991 **DATE REPORT MAILED:** July 19/91. **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Dragoon Resources Ltd. File # 91-2663

305 - 675 W. Hastings St., Vancouver BC V6B 1N2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
881726	206	266	4	86	.1	13	8	545	5.72	13	5	ND	4	3	.2	2	6	16	.02	.015	17	24	2.46	6	.01	2	2.63	.01	.01	2	15
881727	6	17	25	20	.1	19	4	87	2.86	5	5	ND	2	3	.2	2	2	6	.01	.009	45	16	.42	2	.01	2	.62	.01	.01	1	6
881728	1	13	6	3	.1	10	1	40	1.24	53	5	ND	17	3	.2	2	2	7	.01	.007	30	19	.08	6	.01	2	.24	.10	.02	1	83
881729	3	27	9	38	.1	22	6	211	5.00	12	5	ND	33	6	.2	2	2	33	.01	.014	10	62	.93	14	.01	2	1.47	.07	.05	1	20
881730	3	85	124	3	.2	29	74	55	4.18	2	5	ND	1	4	.3	2	3	2	.01	.009	3	14	.05	42	.01	2	.12	.01	.03	1	7
881731	2	3	5	6	.1	15	11	49	1.74	2	19	ND	4	2	.2	2	2	3	.01	.010	12	13	.14	14	.01	2	.34	.01	.11	2	5
881732	2	6	10	3	.1	18	34	43	4.33	2	5	ND	4	3	.2	2	2	3	.01	.014	10	8	.07	182	.01	2	.33	.01	.15	1	6
881733	3	6	11	8	.1	13	4	58	1.09	2	5	ND	1	5	.2	2	2	1	.01	.011	5	13	.22	12	.01	2	.28	.01	.03	1	1
881734	2	3	5	2	.1	11	14	35	1.08	2	5	ND	1	2	.2	2	2	1	.01	.007	6	11	.02	3	.01	2	.05	.01	.01	2	1
881735	2	9	18	8	.1	103	362	87	9.57	17	10	ND	4	5	.2	2	2	4	.01	.049	131	30	.26	42	.01	2	.29	.01	.01	1	15
881736	4	10	33	6	.1	60	119	117	6.64	7	11	ND	1	4	.2	2	3	4	.01	.036	20	19	.06	30	.01	2	.13	.01	.01	1	5
881737	40	113	4673	111	55.2✓	10	2	46	1.52	9	5	ND	3	2	.9	2	141	1	.01	.030	7	11	.01	17	.01	2	.10	.01	.06	11	177
881738	1	523	516	26	3.3	61	50	102	13.19	10	5	ND	15	3	.3	2	23	14	.02	.033	4	11	.29	129	.01	2	.66	.01	.22	5	974
881739	4	178	54	1	1.8	19	8	39	2.81	4	5	ND	1	2	.2	2	6	2	.01	.002	2	9	.01	53	.01	2	.02	.01	.01	1	102
881740	35	15	1642	43	23.8	12	1	70	.90	2	5	ND	1	2	.2	2	61	1	.01	.002	2	13	.01	31	.01	2	.06	.01	.04	4	53
881741	1	31	96	153	.3	105	29	1275	5.85	2	5	ND	4	225	1.1	6	2	83	4.06	.580	71	53	3.08	1017	.03	2	1.93	.05	.02	1	5
881742	6	373	108	14	.3	21	4	401	1.67	5	5	2	1	5	.2	2	2	1	.04	.006	2	16	.02	16	.01	2	.07	.01	.04	1	1607
881743	1	9	92	35	.2	17	6	260	2.83	2	5	ND	11	3	.2	2	6	16	.04	.019	43	33	.50	7	.03	2	.89	.09	.02	1	1
881744	3	5	3	21	.1	15	3	274	2.61	2	5	ND	4	5	.4	2	2	9	.09	.033	12	17	.06	29	.01	2	.25	.05	.02	1	1
881745	1	295	6	138	.2	38	30	1269	7.56	2	5	ND	1	93	.3	5	2	110	2.89	.094	8	35	2.77	19	.01	2	2.76	.03	.06	1	4
881746	3	21	126	15	.5	9	3	87	1.19	30	5	ND	7	6	.2	2	2	2	.03	.007	28	9	.04	25	.01	2	.24	.01	.15	2	1023
881747	7	11	59	9	.2	13	2	60	.86	16	5	ND	5	3	.2	2	2	1	.01	.005	20	9	.01	43	.01	2	.20	.01	.14	1	326
881748	3	7	5	19	.1	12	3	447	1.56	31	5	ND	1	3	.2	2	2	2	.02	.007	3	9	.03	15	.01	2	.14	.01	.04	1	2
881749	2	8	13	20	.1	12	2	107	1.63	6	5	ND	3	4	.2	2	2	3	.01	.009	3	15	.20	10	.01	2	.45	.01	.04	3	8
881750	3	12	8	1	.1	12	10	41	1.86	3	5	ND	1	1	.2	2	3	4	.01	.001	4	9	.01	7	.01	2	.05	.02	.02	1	22
881751	2	8	6	19	.1	10	10	251	5.75	16	5	ND	1	1	.2	2	2	52	.01	.001	5	12	.31	7	.01	2	.40	.01	.01	1	4
881752	1	2	4	1	.1	7	5	51	7.50	3	5	ND	3	1	.2	2	2	70	.01	.007	2	21	.01	2	.12	2	.12	.11	.01	3	4
881753	10	9	25	4	.1	12	2	49	1.88	2	5	ND	4	2	.2	2	133	2	.01	.008	8	8	.02	130	.01	2	.18	.02	.09	1	7
881754	28	8	30	3	.2	14	1	40	1.04	23	5	ND	5	5	.2	2	2	2	.01	.004	19	8	.02	163	.01	2	.22	.01	.17	1	30
881755	27	68	746	4	1.9	6	1	68	3.82	13	5	ND	7	26	.2	2	34	10	.01	.089	39	8	.01	64	.01	4	.25	.02	.16	2	16
881756	4	49	41	29	.1	19	5	426	2.36	2	5	ND	3	4	.2	2	2	1	.10	.061	6	8	.02	107	.01	2	.14	.01	.09	1	7
881757	5	5	3	6	.1	14	2	51	1.17	2	5	ND	2	1	.2	2	2	1	.01	.007	6	11	.01	14	.01	3	.10	.01	.08	1	1
STANDARD C/AU-R	17	58	38	133	6.8	70	31	1038	3.99	41	17	6	37	53	18.9	15	20	56	.48	.090	37	58	.89	178	.09	34	1.89	.06	.15	12	454

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 18 1991 DATE REPORT MAILED: July 23/91 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Dragoon Resources Ltd. File # 91-3817 Page 1

305 - 675 W. Hastings St., Vancouver BC V6B 1N2 Submitted by: L. ENGLISH

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
81774	2	5	8	28	.1	16	23	123	4.68	8	5	ND	1	3	.2	2	2	6	.01	.019	26	12	.91	17	.01	2	.99	.01	.01	2	4
81780	1	5	2	23	.1	10	21	102	2.20	2	5	ND	1	2	.2	2	2	3	.01	.008	5	6	.50	28	.01	2	.50	.01	.01	1	2
81781	2	7	3	31	.1	13	24	114	4.70	4	5	ND	6	4	.2	2	2	7	.01	.023	36	9	.93	38	.01	2	1.15	.01	.05	1	1
81782	2	7	5	8	.1	9	2	83	1.72	7	5	ND	2	3	.2	2	2	52	.01	.020	5	21	1.08	5	.01	2	.79	.01	.01	2	10
81783	1	5	3	8	.1	5	1	75	1.85	7	5	ND	3	2	.2	2	2	12	.01	.010	18	9	1.07	9	.01	2	.92	.01	.05	1	15
81784	2	3	2	8	.1	7	2	83	1.37	4	5	ND	3	2	.2	2	2	9	.01	.008	5	13	.80	14	.01	2	.70	.01	.04	1	14
81785	1	5	4	1	.1	7	3	16	14.92	2	5	ND	9	1	.2	3	2	222	.01	.006	7	29	.03	9	.14	2	.34	.06	.01	2	1
81786	1	5	3	2	.1	5	2	11	3.23	2	5	ND	14	1	.2	3	2	36	.01	.005	45	26	.02	10	.05	2	.41	.06	.01	1	1
81787	2	9	16	2	.4	10	9	34	22.68	10	5	10	9	2	.4	3	5	216	.01	.023	10	17	.04	22	.10	2	.67	.03	.03	1	13650
81788	1	5	2	3	.1	5	6	19	3.50	2	5	ND	8	1	.2	2	2	54	.01	.012	38	25	.12	14	.03	2	.89	.05	.01	1	11
81789	1	5	2	12	.1	8	16	816	2.39	2	5	ND	14	2	.2	2	2	5	.01	.006	31	5	.22	51	.01	2	.80	.07	.03	1	331
81790	1	3	4	2	.1	5	3	37	9.91	2	5	ND	9	12	.6	2	2	189	.59	.208	10	32	.02	9	.09	2	.37	.06	.01	1	67
81791	2	5	42	9	.1	14	16	76	2.44	8	5	ND	1	19	.2	2	2	8	.02	.019	2	9	.06	10	.01	2	.10	.02	.01	1	105
81792	2	5	27	6	.1	9	3	53	2.35	5	5	ND	1	15	.2	2	2	2	.01	.011	4	10	.01	12	.01	2	.08	.01	.03	2	17
81793	1	5	77	12	.3	9	44	58	4.57	8	5	ND	3	13	.2	2	2	5	.01	.009	6	8	.21	16	.01	2	.32	.01	.07	1	44
81794	6	7	27	17	.1	21	3	131	1.91	2	5	ND	1	7	.2	2	2	3	.01	.006	3	19	.37	6	.01	2	.43	.01	.01	1	5
81795	2	4	60	21	.1	11	2	114	1.72	2	5	ND	1	5	.2	2	2	4	.01	.007	3	12	.51	3	.01	2	.58	.01	.01	2	5
81796	1	4	6	17	.1	12	7	84	2.54	2	5	ND	33	2	.2	2	2	33	.05	.056	31	44	.89	4	.01	2	1.22	.05	.01	1	9
81797	2	7	2	11	.1	12	2	103	1.94	2	5	ND	13	1	.2	2	2	9	.03	.021	22	13	.55	14	.01	2	.92	.02	.09	1	7
81798	1	13	9	13	.2	7	8	50	8.06	52	5	ND	9	1	.2	2	2	7	.01	.013	7	12	.20	18	.01	2	.82	.01	.10	1	1
81799	2	8	11	9	.1	5	12	48	7.12	81	5	ND	3	2	.2	5	2	10	.01	.026	48	7	.10	16	.01	2	.42	.01	.07	1	3
81800	6	23	2	15	.1	12	6	127	12.47	7	5	ND	2	1	.3	6	3	26	.01	.058	4	19	.02	9	.01	2	.39	.01	.05	1	13
81801	1	42	2	48	.2	15	39	1637	9.52	55	5	ND	1	301	1.5	2	2	25	5.34	.130	11	2	1.87	37	.01	2	.47	.02	.22	1	7
81802	1	4	6	14	.1	8	4	78	8.30	4	5	ND	8	10	.2	2	5	33	.08	.012	16	21	.11	41	.02	8	.33	.07	.05	1	14
RE 81798	1	13	10	13	.2	6	8	44	7.67	50	5	ND	8	1	.2	4	2	7	.01	.011	6	12	.18	17	.01	2	.78	.01	.09	1	2
81803	2	6	186	19	.3	10	9	51	4.11	3	5	ND	2	10	.2	3	2	4	.01	.010	3	9	.07	17	.01	2	.19	.01	.08	1	12
81804	2	60	11	12	.2	9	4	291	1.99	2	5	ND	1	4	.2	2	2	4	.04	.004	2	8	.11	5	.01	2	.19	.01	.01	1	5
81805	1	303	6	67	.2	18	10	248	11.56	3	5	ND	3	2	.2	4	2	31	.01	.014	10	5	.36	10	.01	2	.64	.01	.03	1	1
81806	1	92	2	23	.1	10	13	352	42.06	2	5	ND	6	1	.4	6	2	33	.01	.004	3	2	.08	14	.01	2	.24	.01	.02	1	2
81807	1	8	12	22	.1	14	7	63	28.13	2	5	ND	8	6	.3	4	8	137	.01	.011	6	15	.07	13	.02	2	.35	.04	.05	1	20
81808	1	6	3	13	.1	8	13	145	2.99	2	5	ND	8	7	.4	2	2	14	.07	.016	46	14	.08	26	.05	2	.40	.03	.08	1	2
81809	1	6	7	4	.2	4	1	57	3.57	2	5	ND	5	18	.2	3	2	43	.53	.211	12	13	.01	11	.05	2	.13	.05	.01	1	6
STANDARD C/AU-R	18	55	36	132	6.9	70	32	1032	3.95	40	17	6	36	52	18.4	17	19	56	.48	.090	37	58	.88	175	.09	34	1.92	.06	.16	13	495

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 SILT AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 26 1991 DATE REPORT MAILED: Sept 3/91. SIGNED BY: D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Dragoon Resources Ltd. File # 91-3816 Page 1

305 - 675 W. Hastings St., Vancouver BC V6B 1N2 Submitted by: L. ENGLISH

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
B 81817	1	16	225	77	.1	14	6	166	2.40	3	5	ND	18	4	.4	2	3	21	.06	.025	22	14	1.76	82	.07	5	1.53	.01	1.09	1	50
B 81818	115	150	24738	20	130.7	9	4	152	2.82	9	5	2	4	10	4.2	2	532	25	.01	.006	7	9	.33	59	.01	5	.24	.01	.31	1	1113
B 81819	22	19	1827	33	11.5	15	10	159	3.43	4	5	ND	5	9	.3	2	42	70	.01	.019	10	17	.82	55	.02	3	.46	.01	.71	1	597
B 81820	36	43	25475	14	77.7	8	3	130	1.51	8	5	ND	3	9	9.1	2	269	22	.01	.004	4	13	.35	116	.01	6	.19	.01	.25	2	399
B 81821	6	7	676	5	3.1	11	2	72	1.56	16	5	ND	1	2	.3	2	12	5	.01	.008	4	10	.19	24	.01	2	.26	.01	.03	1	33
B 81822	6	5	168	6	1.0	12	3	69	1.86	13	5	ND	2	2	.2	2	5	8	.01	.010	7	11	.16	40	.01	2	.29	.01	.11	1	46
B 81823	8	6	885	4	2.5	7	2	80	1.55	3	5	ND	2	4	.2	2	12	3	.01	.012	10	12	.08	47	.01	2	.19	.01	.05	1	13
B 81824	5	7	58	8	.3	16	4	74	2.18	5	5	ND	15	4	.2	2	2	10	.01	.016	100	12	.07	12	.01	3	.30	.01	.08	1	3
B 81825	3	4	12	8	.1	15	3	129	2.20	7	5	ND	3	1	.2	2	2	5	.01	.007	4	15	.63	7	.01	2	.61	.01	.03	1	5
B 81826	2	5	18	5	.1	10	4	97	1.21	3	5	ND	2	3	.2	2	2	5	.01	.010	14	11	.36	5	.01	2	.32	.01	.01	1	5
B 81827	3	3	11	3	.1	14	6	72	1.28	2	5	ND	2	3	.2	2	2	5	.01	.008	16	10	.13	12	.01	2	.17	.01	.04	1	7
B 81828	4	11	11	7	.1	20	14	139	1.58	9	5	ND	2	7	.2	2	3	2	.02	.009	2	13	.07	40	.01	3	.09	.01	.02	1	4
B 81829	2	44	8282	1483	12.4	12	7	444	1.69	20	5	ND	1	41	13.0	14	7	2	1.86	.007	2	9	.89	9	.01	2	.03	.01	.02	1	5
RE D 83053	143	5	267	77	1.6	14	6	100	3.57	36	5	ND	6	24	.2	2	6	2	.01	.025	9	7	.02	928	.01	2	.38	.03	.01	1	26
B 81830	5	3	40	14	.2	68	102	53	5.31	11	5	ND	2	1	.4	2	2	7	.01	.001	4	11	.60	14	.01	4	.58	.01	.01	1	9
D 83051	4	18	57	52	.1	27	24	476	6.36	30	5	ND	5	10	.2	2	2	41	.01	.029	61	14	.70	26	.01	2	.80	.03	.06	1	17
D 83052	2	11	1162	171	1.7	9	3	117	1.54	11	5	ND	1	8	1.3	2	4	3	.20	.006	25	10	.14	6	.01	3	.13	.02	.01	1	3
D 83053	148	6	284	81	1.7	16	6	119	3.77	39	5	ND	7	26	.5	2	5	3	.01	.028	9	9	.03	955	.01	4	.41	.03	.01	1	38
D 83054	3	8	45	17	.2	14	11	181	1.22	11	5	ND	2	4	.2	2	2	2	.01	.004	15	12	.02	10	.01	3	.08	.02	.01	1	6
D 83055	2	7	31	34	.1	9	3	309	1.32	2	5	ND	3	2	.3	2	2	1	.01	.005	10	9	.01	14	.01	3	.16	.04	.03	1	6
D 83056	3	19	76	37	.1	18	8	163	2.73	5	5	ND	7	2	.2	3	2	1	.01	.008	17	8	.01	14	.01	2	.18	.04	.04	1	17
D 83057	3	34	207	109	.7	15	8	98	11.41	9	5	ND	3	2	.4	5	2	3	.01	.107	3	8	.01	6	.01	2	.08	.01	.01	1	285
D 83058	2	9	45	7	.3	7	2	71	2.45	17	5	ND	2	2	.2	2	2	1	.01	.023	2	9	.01	3	.01	2	.10	.02	.01	2	40
D 83059	3	6	13	11	.1	12	2	67	.93	12	5	ND	1	2	.2	2	4	1	.01	.001	2	10	.01	12	.01	2	.06	.01	.03	1	5
D 83060	2	25	50	33	.2	11	5	154	5.39	38	5	ND	6	2	.2	2	2	2	.01	.029	25	6	.01	14	.01	2	.24	.02	.06	1	229
D 83061	2	7	11	15	.1	9	6	83	2.37	19	5	ND	2	4	.2	2	3	1	.01	.008	5	9	.01	7	.01	4	.08	.02	.03	2	17
D 83062	2	9	22	19	.1	13	7	135	1.91	24	5	ND	2	2	.2	2	2	1	.01	.008	19	8	.01	3	.01	2	.13	.02	.02	1	7
D 83063	3	8	12	16	.2	12	2	79	1.39	7	5	ND	8	47	.2	2	3	5	.01	.020	32	9	.01	19	.01	2	.27	.06	.09	1	285
D 83064	2	33	19	22	.2	10	8	234	1.64	5	5	ND	2	4	.2	2	3	2	.01	.009	5	11	.01	11	.01	2	.15	.01	.04	2	1487
D 83065	3	5	9	8	.1	11	3	207	1.26	9	5	ND	2	1	.2	2	4	1	.01	.006	4	8	.01	4	.01	3	.07	.01	.02	1	42
D 83066	3	5	39	20	.2	11	5	52	3.17	98	5	ND	9	4	.2	2	7	5	.01	.005	23	12	.33	43	.01	2	.89	.02	.13	1	19
D 83067	2	5	4	4	.1	8	5	68	1.52	3	5	ND	17	8	.2	2	2	4	.01	.017	28	16	.01	7	.01	2	.21	.10	.01	1	11
D 83068	3	49	32	110	.1	21	12	530	3.18	38	5	ND	1	3	.2	2	2	5	.01	.009	2	10	.25	16	.01	4	.64	.02	.05	1	9
D 83069	1	5	6	37	.1	16	6	304	1.47	2	5	ND	11	2	.2	2	2	13	.03	.017	35	18	.31	41	.01	2	.63	.04	.05	1	5
D 83070	10	5	25	6	.1	8	3	53	2.26	16	5	ND	6	1	.2	2	3	3	.01	.015	14	9	.02	24	.01	2	.18	.01	.11	1	9
D 83071	1	1	3	9	.2	12	4	59	1.90	4	8	ND	5	1	.2	2	2	2	.01	.003	6	6	.87	15	.01	4	.84	.01	.10	1	3
D 83072	3	2	3	9	.1	12	4	67	1.89	5	5	ND	10	1	.2	2	2	2	.01	.003	31	9	.85	22	.01	4	.87	.01	.14	1	2
STANDARD C/AU-R	19	59	41	131	6.9	74	32	1045	3.93	41	22	7	40	52	18.6	15	18	56	.48	.090	39	58	.87	177	.09	31	1.86	.06	.15	11	483

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2-P3 SOIL AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 26 1991 DATE REPORT MAILED: Aug 29/91. SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Dragoon Resources Ltd. FILE # 91-4163

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
B 81832	1	34	35	95	.2	33	25	921	2.93	10	5	ND	3	48	.3	2	2	14	.40	.110	43	17	.58	78	.02	2	2.15	.01	.11	1	1

ACME ANALYTICAL

Dragoon Resources Ltd. FILE # 91-3817

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
B 81810 P	1	27	25	75	.1	25	13	680	3.01	7	5	ND	9	25	.3	2	2	14	.24	.045	43	17	.67	86	.04	2	1.95	.01	.21	1	1
B 81811 P	1	19	23	69	.1	22	10	480	2.94	5	5	ND	11	16	.2	2	2	11	.22	.031	38	17	.68	76	.04	2	1.80	.01	.24	1	1
B 81812	1	21	38	64	.3	17	10	544	1.57	6	5	ND	1	63	.7	2	2	13	.67	.093	41	15	.46	142	.02	2	2.24	.02	.09	1	2
B 81813 P	1	24	37	66	.1	21	14	840	2.32	8	5	ND	1	49	.7	2	2	13	.41	.071	48	17	.50	111	.03	2	2.09	.01	.14	1	1
RE B 81811	1	19	21	65	.1	21	10	459	2.79	5	5	ND	11	15	.2	2	2	11	.21	.031	37	16	.64	74	.04	2	1.73	.01	.24	1	1
B 81814 P	1	17	21	49	.1	16	8	321	2.35	4	5	ND	4	23	.2	2	2	10	.21	.024	41	15	.53	66	.04	2	1.44	.01	.18	1	1
B 81815 P	1	16	23	66	.1	19	11	487	2.79	5	5	ND	11	11	.2	2	2	10	.09	.023	28	15	.60	53	.04	2	1.48	.01	.15	1	1
B 81816	1	27	31	82	.2	26	15	665	2.65	8	5	ND	3	39	.5	2	2	13	.36	.069	40	17	.51	78	.03	2	1.85	.01	.09	1	6
STANDARD C/AU-S	18	60	42	131	7.3	70	32	1033	3.93	43	16	7	39	52	18.8	14	17	58	.48	.089	40	58	.88	175	.09	33	1.87	.07	.15	11	48

Samples beginning 'RE' are duplicate samples.

P- -20 mesh, pulverized.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
81965	3	43	57	73	.5	10	2	76	4.07	399	5	ND	3	1	.2	2	2	1	.01	.011	6	10	.01	10	.01	2	.07	.01	.05	1	95
81966	5	164	1145	167	26.7	8	1	15	3.71	533	5	ND	4	1	.2	5	24	2	.01	.014	10	10	.01	11	.01	4	.12	.01	.07	1	222
81967	6	9	56	21	.5	10	1	56	2.88	186	5	ND	4	2	.2	2	2	1	.01	.013	12	11	.01	10	.01	3	.10	.01	.06	2	80
81968	6	12	71	33	.3	10	3	80	4.11	237	5	ND	9	5	.2	2	2	2	.01	.015	20	11	.01	28	.01	5	.33	.01	.14	1	161
81969	4	6	41	13	.1	9	2	60	1.42	95	5	ND	2	2	.2	2	2	1	.01	.004	4	6	.01	5	.01	4	.08	.01	.02	1	78
81970	3	6	21	7	.1	9	6	68	1.94	32	5	ND	1	3	.2	2	2	1	.03	.016	3	7	.01	11	.01	2	.08	.01	.03	1	28
81971	1	101	41	227	.3	26	11	970	10.21	2	5	ND	1	5	1.2	2	3	26	.01	.009	2	9	2.69	11	.01	2	4.67	.01	.01	1	1
81972	6	10	15	24	.1	13	9	82	5.17	70	5	ND	6	3	.2	2	3	4	.01	.009	28	13	.03	54	.01	2	.38	.01	.16	1	137
81973	21	16	26	2	.1	8	1	49	1.33	6	5	ND	1	2	.2	2	2	1	.01	.003	6	10	.01	21	.01	3	.09	.02	.07	1	268
81974	1	2	12	51	.1	9	5	452	2.22	2	5	ND	17	6	.4	2	2	19	.30	.059	64	31	1.29	18	.01	2	1.19	.10	.01	1	6
81975	5	8	33	48	.1	12	2	277	1.46	2	5	ND	11	13	.3	2	2	4	.06	.023	18	13	.07	42	.01	4	.34	.02	.19	2	48
81976	1	36	49	50	.7	5	5	655	2.52	5	5	ND	10	112	.9	15	2	4	.87	.053	8	8	.03	91	.01	4	.41	.04	.24	1	20
81977	3	10	85	19	.4	10	1	69	1.07	7	5	ND	1	3	.2	13	2	2	.02	.008	2	10	.01	11	.01	2	.08	.01	.04	1	5
81978	28	126	21027	199	32.7	6	2	2	14.75	1048	6	28	1	8	4.0	1795	27	92	.06	.178	2	13	.01	7	.01	2	.03	.01	.02	21	808
81979	1	14	163	34	.3	26	8	232	2.49	8	5	ND	10	13	.2	9	2	4	.13	.034	42	9	.17	217	.01	2	.90	.02	.14	1	51
81980	4	16	11	30	.1	75	19	146	6.63	11	5	ND	2	2	.2	2	2	48	.04	.029	2	141	.42	10	.06	2	.77	.04	.04	2	57
81981	2	6	174	2	.1	9	1	52	1.42	12	5	ND	1	1	.2	12	2	5	.01	.006	2	15	.03	9	.01	2	.09	.01	.01	1	26
81982	5	11	18	18	.1	30	13	45	5.61	4	5	ND	2	2	.2	2	4	16	.01	.011	4	10	.25	17	.03	2	.52	.02	.07	1	132
81983	1	7	4	7	.1	17	1	64	1.56	3	5	ND	1	1	.2	2	2	9	.01	.007	10	28	.12	74	.01	2	.29	.01	.01	1	24
81984	2	12	35	31	.1	25	2	76	4.54	22	5	ND	1	2	.2	2	2	24	.01	.016	8	64	.87	10	.01	2	.99	.01	.02	1	45
81985	2	6	20	11	.1	9	3	70	1.11	7	5	ND	1	2	.2	2	2	4	.01	.005	5	9	.10	8	.01	2	.25	.01	.02	1	10
81986	2	19	15	12	.1	13	4	119	1.90	2	5	ND	2	1	.2	2	2	5	.01	.006	9	8	.20	12	.01	2	.48	.01	.07	1	410
81987	6	4	23	26	.1	14	2	68	1.87	3	5	ND	3	1	.2	2	2	6	.01	.008	14	10	.33	6	.01	2	.64	.01	.02	1	71
81988	2	6	11	8	.1	10	1	75	1.54	5	5	ND	1	1	.2	2	2	4	.01	.004	4	11	.24	3	.01	2	.42	.01	.02	1	97
81989	3	16000	18	55	1.9	12	11	156	2.03	15	5	ND	1	3	.2	38	2	4	.01	.001	38	22	.01	6	.01	2	.28	.04	.01	3	37
81990	2	13183	17	47	1.0	20	4	39	2.67	21	5	ND	1	2	.2	38	6	14	.01	.210	4	59	.03	7	.01	3	.38	.03	.01	2	57
81991	3	3529	9	38	2.0	15	3	12	4.28	56	5	ND	1	23	.2	327	2	9	.01	.095	97	34	.02	5	.01	2	.32	.03	.02	1	111
81992	2	2444	27	12	.6	12	46	3871	1.56	5	5	ND	8	6	.2	6	2	3	.03	.054	44	13	.04	103	.01	2	.50	.01	.15	1	8
81993	4	77	21	17	.1	11	3	82	5.00	22	5	ND	3	4	.3	2	3	12	.01	.021	5	16	.04	80	.01	2	.39	.01	.10	1	76
81994	1	50	9	25	.1	19	5	2	28.46	6	5	ND	5	3	.2	2	2	220	.01	.005	2	40	.01	6	.10	2	.13	.07	.01	2	18
81995	1	22	5	81	.1	41	21	626	9.48	2	5	ND	1	7	1.3	2	2	146	.43	.103	7	64	1.94	12	.04	2	2.08	.05	.01	1	8
81996	5	42	1939	234	15.6	10	2	90	2.87	569	5	ND	6	2	.5	9	133	7	.01	.038	16	10	.02	16	.01	4	.24	.01	.09	1	57
81997	6	48	93	109	.3	13	10	343	4.18	164	5	ND	12	2	.3	3	4	4	.01	.028	22	13	.01	34	.01	4	.33	.01	.17	1	48
81998	2	18	19	14	.1	5	1	62	.58	21	5	ND	1	1	.2	2	2	1	.01	.001	2	6	.01	3	.01	2	.03	.01	.02	1	6
81999	3	9	113	19	.2	9	1	41	2.05	110	5	ND	1	1	.2	2	2	1	.01	.001	2	13	.01	3	.01	2	.02	.01	.01	2	103
82000	2	336	2263	377	2.0	13	7	636	1.97	13	5	ND	10	3	.7	2	4	2	.01	.018	35	12	.01	32	.01	2	.67	.02	.16	1	632
STANDARD C/AU-R	19	57	43	132	7.2	70	31	1045	4.03	43	16	6	36	51	17.6	16	20	56	.48	.090	36	59	.89	179	.09	31	1.91	.06	.16	11	473

✓ ASSAY RECOMMENDED

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-17

GEOCHEMICAL ANALYSIS CERTIFICATE

Dragoon Resources Ltd. File # 91-4163 Page 1

305 - 675 W. Hastings St., Vancouver BC V6B 1N2 Submitted by: L. ENGLISH

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
D 83073	1	1	12	31	.1	5	3	160	16.07	2	5	ND	12	5	.2	2	2	238	.15	.067	18	19	.05	26	.13	10	.31	.09	.04	1	1
D 83074	2	3	19	42	.1	22	7	423	3.14	5	5	ND	10	3	.2	2	2	12	.05	.031	22	11	.07	50	.01	6	.54	.06	.07	1	40
D 83075	3	2	22	69	.1	20	11	780	1.83	2	5	ND	10	2	.2	2	2	4	.02	.021	53	12	.35	151	.01	7	.65	.01	.18	1	10
D 83076	4	15	49	15	.2	9	9	398	1.65	9	5	ND	14	2	.3	2	2	4	.01	.020	40	4	.03	67	.01	5	.48	.03	.16	1	212
D 83077	8	32	175	67	.2	29	21	866	4.76	12	9	ND	12	3	.2	2	2	5	.02	.046	27	12	.03	148	.01	6	.37	.01	.14	1	198
D 83078	3	4	6	69	.1	27	10	212	3.66	2	5	ND	4	1	.2	2	2	3	.01	.022	6	10	.01	18	.01	7	.28	.04	.03	1	5
D 83079	1	2	10	42	.1	12	6	369	2.26	2	5	ND	15	3	.2	2	2	5	.01	.022	47	5	.10	52	.01	6	.57	.04	.16	1	11
D 83080	14	34	195	14	.1	25	9	93	3.34	29	5	ND	8	2	.2	2	2	3	.03	.030	20	13	.02	15	.01	9	.26	.01	.14	1	46
D 83081	3	1	7	24	.1	15	5	497	2.35	2	5	ND	6	2	.2	2	2	14	.02	.018	20	21	.02	42	.02	6	.17	.07	.02	1	1014
D 83082	1	12	44	6	3.5	6	3	95	1.35	7	5	4	2	6	.2	3	2	2	.01	.016	7	4	.01	70	.01	6	.09	.02	.05	1	3833
D 83083	3	4	10	46	.1	26	9	337	5.12	9	11	ND	5	3	.2	2	2	4	.04	.045	13	12	.03	50	.01	8	.24	.05	.04	1	27
D 83084	2	2	4	47	.1	29	10	388	4.00	2	5	ND	12	7	.2	2	2	6	.19	.089	27	9	.02	60	.01	7	.36	.08	.05	1	17
D 83085	5	11	65	15	.2	7	3	120	2.11	20	5	ND	5	9	.2	2	2	2	.03	.037	17	4	.01	70	.01	7	.22	.02	.14	1	128
D 83086	10	7	66	14	.2	14	4	88	2.32	31	5	ND	7	13	.2	2	2	2	.01	.036	22	10	.01	81	.01	8	.21	.02	.15	1	113
D 83087	4	78	62	87	.1	24	13	399	3.17	2	5	ND	2	2	.2	2	2	4	.01	.021	4	13	.26	50	.01	8	.62	.02	.14	1	10
D 83088	12	18	6	10	.2	6	5	147	1.70	3	6	ND	2	4	.2	2	2	2	.01	.009	3	5	.01	11	.01	6	.08	.01	.04	1	2
D 83089	16	19	11	14	.1	13	4	115	2.40	3	5	ND	1	11	.2	2	2	6	.01	.021	5	12	.04	10	.01	5	.17	.02	.05	1	5
D 83090	1	184	19	128	.1	41	44	961	6.81	6	5	ND	2	97	.9	2	2	127	1.10	.146	13	31	2.44	62	.33	7	3.05	.03	.15	1	2
D 83091	39	16	6	14	.2	8	7	122	2.89	2	5	ND	11	10	.2	2	2	12	.05	.020	36	9	.09	105	.02	4	.70	.03	.24	1	7
D 83092	4	8	103	52	.1	25	14	668	2.45	2	5	ND	6	1	.2	2	2	5	.01	.016	21	13	.04	73	.01	4	.46	.03	.09	1	1
D 83093	3	8	13	9	.1	12	2	93	.68	2	6	ND	2	2	.2	2	2	2	.01	.003	3	10	.02	9	.01	3	.14	.01	.05	1	1
D 83094	2	40	191	219	.1	260	55	1421	8.85	6	5	ND	6	89	2.3	2	2	53	2.83	.112	13	188	3.17	122	.01	5	2.49	.02	.16	1	6
D 83095	4	311	6053	789	44.2	21	3	406	1.24	2	5	2	2	6	10.8	2	2	2	.12	.031	4	19	.08	32	.01	4	.11	.01	.03	5	1901
D 83096	3	34	149	35	.6	19	32	1186	6.38	2	5	ND	10	9	.4	2	3	23	.17	.055	40	19	.06	105	.03	4	.36	.11	.05	1	24
D 83097	4	12	67	24	.4	19	8	289	2.04	2	5	ND	12	3	.2	2	2	6	.01	.015	40	19	.04	32	.01	2	.42	.06	.13	1	22
D 83098	58	20	29946	61	110.9	12	3	79	5.41	37	5	6	8	75	2.8	2	999	3	.01	.133	10	33	.01	63	.01	2	.22	.03	.17	1	16557
D 83099	3	13	2204	274	22.8	4	3	148	1.94	16	5	ND	12	12	1.9	2	61	4	.03	.023	33	7	.03	95	.01	3	.41	.04	.26	2	201
RE D 83095	4	315	6037	808	44.2	17	3	383	1.18	4	5	2	1	6	11.2	2	2	1	.08	.034	4	16	.04	33	.01	2	.09	.01	.03	4	1879
D 83100	13	30	204	12	2.2	15	7	89	7.13	2	5	ND	5	6	.2	2	235	3	.01	.032	13	16	.03	311	.01	2	.28	.01	.17	1	48
STANDARD C/AU-R	19	59	40	133	7.0	69	33	1047	3.91	43	18	6	40	52	18.7	16	20	56	.49	.086	40	59	.87	174	.09	34	1.90	.06	.15	13	464

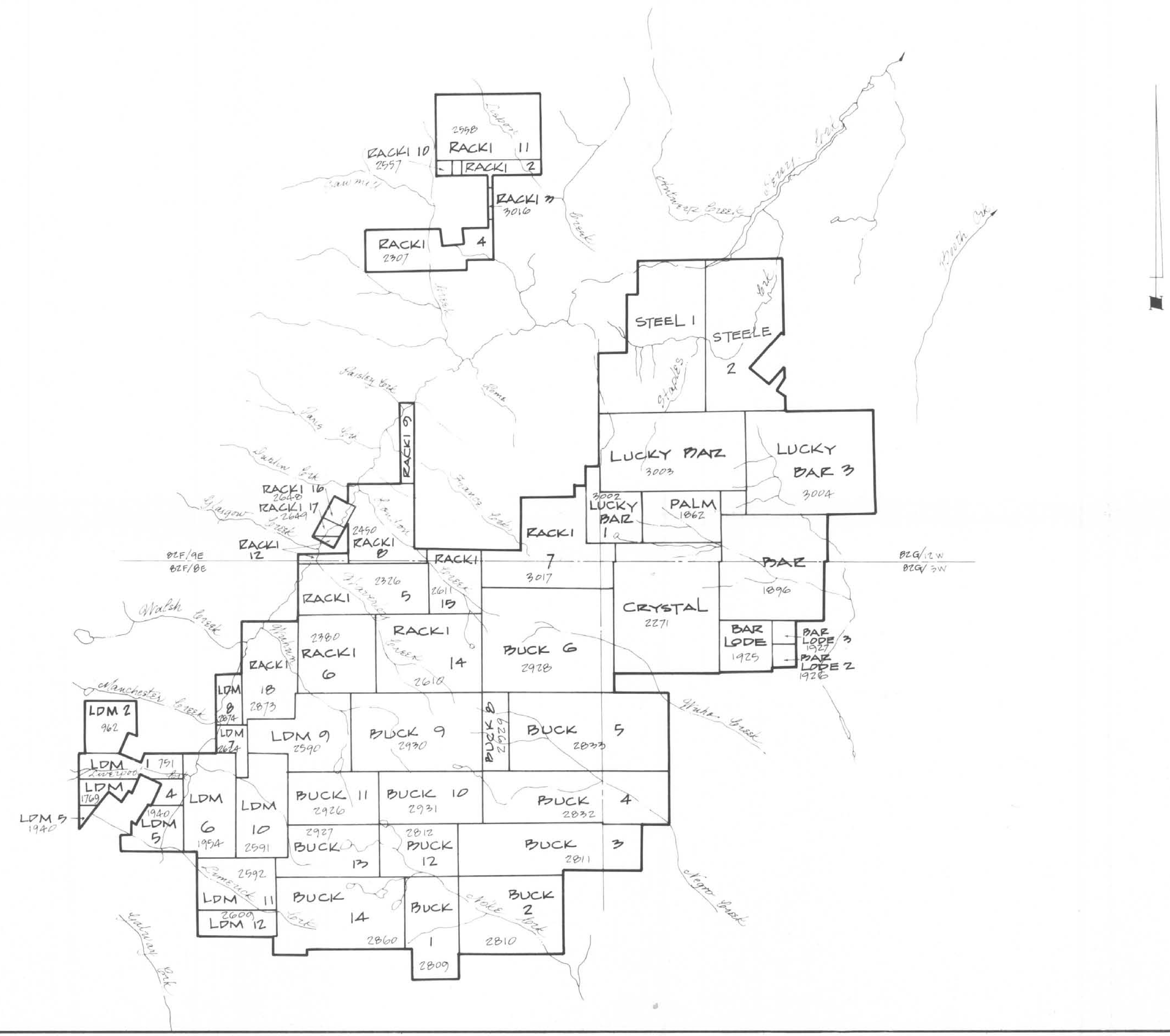
ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2-P3 SOIL P4 SILT AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 5 1991 DATE REPORT MAILED: Sept 17/91. SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
WH/1850-00	1	17	12	46	.1	5	5	81	2.27	3	13	ND	5	7	.2	2	2	22	.05	.149	12	12	.14	63	.06	4	3.53	.02	.06	1	7
WH/1850-20	1	9	8	49	.1	11	7	150	1.92	3	5	ND	7	7	.3	2	2	13	.05	.022	31	11	.31	41	.04	4	1.10	.01	.06	1	6
WH/1850-40	1	16	18	88	.2	16	9	150	3.64	2	5	ND	9	8	.2	2	2	25	.05	.091	24	16	.35	73	.05	3	2.38	.01	.08	1	1
WH/1850-60	1	15	38	64	.4	9	7	82	5.00	11	6	ND	2	14	1.0	2	2	42	.11	.315	7	20	.12	108	.14	4	7.40	.02	.04	3	1
WH/1850-80	1	11	13	60	.3	13	7	110	2.84	4	5	ND	8	5	.2	2	2	19	.03	.073	27	14	.33	60	.03	2	2.30	.01	.06	1	1
WH/1850-100	1	9	21	48	.2	6	5	64	3.19	6	5	ND	3	9	.4	2	2	34	.07	.225	10	12	.14	72	.13	2	2.91	.02	.05	1	5
WH/1850-120	1	12	17	76	.2	11	7	128	2.60	3	7	ND	2	11	.3	2	2	26	.05	.161	9	12	.21	59	.11	4	4.27	.03	.05	1	6
RE WH/1850-220	1	9	23	52	.2	9	6	77	3.86	4	9	ND	6	5	.2	2	2	34	.04	.222	12	15	.18	53	.10	3	2.52	.02	.05	1	4
WH/1850-140	1	8	16	56	.1	11	6	121	2.29	2	5	ND	6	5	.3	2	2	23	.03	.062	17	16	.21	57	.06	2	1.93	.01	.05	1	1
WH/1850-160	1	14	19	50	.1	13	8	149	3.80	7	5	ND	9	4	.2	2	2	26	.03	.099	23	14	.33	31	.08	4	1.73	.01	.06	1	6
WH/1850-180	1	8	25	55	.3	9	6	82	3.78	2	5	ND	7	7	.4	2	2	28	.05	.183	15	16	.17	47	.09	2	2.47	.01	.05	1	2
WH/1850-200	1	14	24	77	.3	9	7	113	3.86	2	5	ND	7	8	.3	2	2	34	.05	.101	14	15	.20	66	.09	3	2.65	.02	.07	1	5
WH/1850-220	1	9	23	55	.1	9	6	81	4.01	6	8	ND	6	6	.2	2	2	36	.04	.232	13	19	.19	56	.10	2	2.61	.02	.05	1	3
WH/1880-00	1	13	17	67	.1	15	8	171	2.50	4	5	ND	8	7	.2	2	2	16	.04	.028	27	15	.34	45	.06	2	1.71	.01	.08	1	17
WH/1880-20	1	12	16	64	.1	13	9	254	2.38	3	5	ND	9	7	.2	2	2	15	.04	.033	30	13	.36	52	.05	3	1.65	.01	.09	1	2
WH/1880-40	1	9	12	55	.1	11	6	131	2.32	3	5	ND	9	5	.3	2	2	13	.03	.046	29	13	.32	40	.04	2	1.78	.01	.06	1	4
WH/1880-60	1	9	22	89	.1	10	7	120	3.84	2	5	ND	10	4	.2	2	2	22	.03	.112	23	15	.23	57	.04	2	3.06	.01	.07	1	6
WH/1880-80	1	10	16	66	.1	14	6	145	2.05	4	5	ND	6	12	.2	2	2	14	.08	.019	33	13	.42	55	.02	2	1.70	.01	.06	1	6
WH/1880-100	1	12	17	81	.4	12	7	110	2.94	14	5	ND	8	6	.2	2	2	18	.04	.065	26	12	.22	46	.04	4	2.42	.01	.06	1	7
WH/1880-120	1	12	15	68	.1	14	8	124	3.24	3	5	ND	11	5	.2	2	2	19	.03	.067	35	15	.37	43	.03	3	2.08	.01	.08	1	1
WH/1880-140	1	19	16	59	.1	14	7	168	2.45	3	5	ND	11	3	.2	2	4	12	.02	.035	30	13	.36	57	.03	2	1.82	.01	.09	1	1
WH/1880-160	1	28	24	66	.1	19	11	212	3.26	9	5	ND	13	5	.4	2	2	10	.04	.062	34	14	.46	37	.03	2	1.84	.01	.11	1	1
WH/1880-180	1	15	24	75	.1	12	7	126	3.40	2	5	ND	10	5	.2	2	2	20	.03	.093	19	16	.27	53	.04	2	3.02	.01	.08	1	1
WH/1880-200	1	16	17	62	.1	13	7	183	3.22	3	5	ND	10	4	.2	2	2	14	.02	.039	29	15	.50	43	.03	2	1.86	.01	.08	1	1
WH/1880-220	1	16	13	50	.1	11	6	79	2.99	6	5	ND	1	7	.4	2	2	24	.04	.098	9	14	.19	57	.10	2	4.71	.02	.04	1	1
WH/1905-00	1	27	33	151	.1	38	21	309	4.60	7	5	ND	8	21	.4	2	2	29	.13	.061	34	16	.33	76	.12	2	2.96	.02	.11	1	6
WH/1905-20	1	14	27	136	.1	14	8	123	3.60	5	7	ND	5	9	.3	2	2	36	.05	.069	15	15	.24	67	.15	2	2.64	.02	.09	1	18
WH/1905-40	1	18	45	57	.3	12	5	102	3.56	5	6	ND	10	7	.2	2	2	35	.04	.235	8	18	.09	37	.18	2	4.40	.03	.04	1	4
WH/1905-60	1	13	29	134	.1	15	7	157	2.75	4	5	ND	10	7	.3	2	2	17	.04	.073	28	16	.40	44	.05	2	1.88	.01	.07	1	7
WH/1905-80	1	11	27	99	.3	10	6	146	3.21	5	5	ND	7	6	.5	2	3	24	.05	.085	19	15	.24	47	.06	2	2.35	.01	.07	1	2
WH/1905-100	1	15	22	81	.1	15	8	148	2.67	5	5	ND	7	8	.2	2	2	20	.05	.084	32	15	.38	42	.04	2	2.22	.01	.08	1	3
WH/1905-120	1	12	22	54	.2	8	6	79	4.25	6	6	ND	1	20	.4	2	2	36	.14	.286	9	13	.13	48	.17	2	4.89	.03	.05	1	1
WH/1905-140	1	10	18	60	.2	15	8	94	3.43	7	5	ND	7	5	.4	2	2	28	.02	.044	21	16	.34	53	.04	2	2.39	.01	.05	1	1
WH/1905-160	1	14	13	64	.1	18	8	248	2.26	4	5	ND	7	14	.2	2	2	12	.10	.013	30	15	.60	48	.04	2	1.54	.01	.07	1	1
WH/1905-180	1	15	21	99	.2	14	7	88	3.44	6	12	ND	6	10	.3	2	2	27	.06	.202	18	14	.23	87	.08	2	4.04	.02	.05	1	4
WH/1905-200	1	9	18	40	.1	7	5	70	2.12	3	5	ND	6	9	.2	2	3	22	.05	.100	15	11	.17	58	.07	2	2.17	.02	.05	1	1
WH/1905-220	1	12	12	55	.1	14	7	151	2.48	2	5	ND	8	7	.2	2	2	16	.06	.042	25	15	.39	53	.05	2	2.00	.01	.07	1	3
STANDARD C/AU-S	19	59	40	132	7.3	70	32	1053	3.95	39	19	7	39	52	18.7	14	22	56	.48	.090	40	58	.88	178	.09	34	1.87	.06	.15	13	47

Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au*** ppb
WH/BL 180W	1	13	19	52	.1	13	5	174	2.53	4	5	ND	8	4	.2	2	2	12	.03	.062	24	13	.46	37	.03	2	1.45	.01	.06	1	1
WH/BL 160W	1	13	21	60	.2	11	5	132	3.23	9	5	ND	7	6	.2	2	2	23	.04	.296	13	14	.28	49	.09	2	3.39	.02	.06	1	2
WH/BL 140W	1	8	13	34	.1	8	3	102	1.63	4	5	ND	5	4	.2	2	2	13	.03	.030	22	9	.22	26	.04	2	1.10	.01	.06	1	5
WH/BL 120W	1	13	25	46	.1	11	5	125	3.03	8	5	ND	9	7	.2	2	3	20	.04	.148	14	14	.26	38	.07	2	2.73	.01	.05	1	1
WH/BL 100W	1	11	25	51	.2	10	5	147	3.42	8	5	ND	8	5	.2	2	3	22	.03	.142	19	14	.29	53	.04	2	1.77	.01	.07	1	3
WH/BL 80W	1	9	20	43	.1	8	3	78	2.83	6	5	ND	7	5	.2	2	2	21	.04	.164	13	15	.16	49	.05	2	3.25	.01	.05	1	1
WH/BL 60W	1	8	19	49	.1	5	2	73	2.31	5	5	ND	5	4	.2	2	2	23	.03	.081	11	11	.11	50	.06	2	2.78	.01	.04	1	1
WH/BL 40W	1	13	23	52	.1	13	11	406	1.89	4	5	ND	4	22	.2	2	3	18	.17	.048	28	12	.28	100	.04	2	1.94	.02	.07	1	5
WH/BL 20W	1	8	20	31	.1	8	3	62	1.89	4	5	ND	4	15	.2	2	3	22	.11	.084	15	11	.09	85	.09	2	1.98	.02	.05	1	1
WH/BL 00W	1	10	23	72	.2	9	4	110	3.30	5	5	ND	6	6	.2	2	4	30	.04	.175	10	15	.20	59	.12	2	3.99	.01	.05	1	1
STANDARD C/FA-100S	19	56	39	132	6.7	70	33	1044	3.96	39	18	7	37	54	18.3	16	18	54	.48	.090	37	58	.88	177	.09	34	1.89	.06	.15	13	49



GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,153

0 1000 2000 3000 m
500

CHAPLEAU CLAIMS

BAPTY RESEARCH LIMITED

SCALE: 1:50 000	N.T.S.: 82F/8E, 9E 82G/12W, 5W	FIG. NO. 2
DRAWN BY:		
DATE:		

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,153

Sawmill Creek
Lisbon Creek
Perry Creek
Rome Creek
France Creek
Staples Creek
London Creek
Waverly Creek
Wuhun Creek
Wuhun Lake
Wuhu Creek
Palmer Bar Creek
Negro Creek
Rutile Lake
Liverpool Creek
Strong Creek
Shorty Creek
Limerick Creek
Noke Creek
MOUNT BIGATTINI
OLD BALDY MOUNTAIN
Palmer Bar Lake
AREA OF SOIL GEOCHEMISTRY

Hk Kitchener Fm.
Hc Creston Fm
Ha Middle Aldridge Fm
Upper Aldridge Fm.
Middle Aldridge Fm.
Lower Creston Fm.
Overburden

A1 - 81749	B9 - 53359	E4 - 83088	49135	J3 - 83095	K9 - 81796	O2 - 81765
A2 - 81718	53360	83089	49136	J4 - 83082	81799	O3 - 81766
81719	C1 - 53361	E5 - 83091	49137	83083	L1 - 49116	O4 - 81767
81720	53362	E6 - 83090	49138	83084	L2 - 49117	O5 - 81715
81721	53363	E7 - 81954	49139	J5 - 83085	L3 - 49118	O6 - 81716
81722	C2 - 83093	E8 - 81955	49140	83086	L4 - 81958	O7 - 52185
A3 - 81717	C3 - 49123	81956	49141	J6 - 52184	81959	52186
A4 - 81772	C4 - 49122	81957	H5 - 49142	J7 - 83080	81960	O8 - 81775
A5 - 81771	C5 - 49121	E9 - 81702	49143	83081	L5 - 81961	81776
A6 - 81773	C6 - 81951	F1 - 81703	49144	J8 - 83073	L6 - 81962	O9 - 81777
A7 - 81723	81952	F2 - 81704	49145	83074	L7 - 81998	81778
81724	C7 - 49149	F3 - 81748	49146	83075	L8 - 81996	81779
81725	49150	F4 - 81705	49147	83076	L9 - 81997	P1 - 49101
A8 - 81989	C8 - 81953	81706	49148	83077	M1 - 81963	P2 - 49102
81990	C9 - 81808	81707	H6 - 81737	83078	81964	P3 - 49103
81991	D1 - 81809	81708	H7 - 81738	83079	M2 - 81965	P4 - 49104
81992	D2 - 81803	81709	81739	J9 - 52187	M3 - 81966	P5 - 49126
A9 - 81980	81804	F5 - 82000	81740	52188	M4 - 81769	P6 - 49125
81981	81805	81701	H8 - 81741	K1 - 81785	M5 - 81770	P7 - 49124
81982	81806	F6 - 81802	H9 - 83100	81786	M6 - 81768	P8 - 81731
81983	81807	F7 - 49132	I1 - 83098	81787	M7 - 81791	81732
81984	D3 - 81971	F8 - 49130	83099	81788	81792	81733
81985	D4 - 81973	F9 - 49131	I2 - 83096	81789	81793	P9 - 81734
81986	81974	G1 - 49129	I3 - 83097	81790	M8 - 81801	81735
81987	81975	G2 - 49128	I4 - 81746	49107	M9 - 81794	81736
81988	81976	G3 - 49127	81747	49108	81795	Q1 - 81730
A10 - 81800	81977	G4 - 49133	I5 - 81742	49109	N1 - 81796	Q2 - 81728
B1 - 81750	81978	G5 - 81967	I7 - 52189	49110	N2 - 81710	81729
81751	D5 - 81970	81968	52190	K2 - 49111	N3 - 81711	Q3 - 81726
81752	D6 - 81972	81968	52191	K3 - 49112	81712	Q4 - 81727
B2 - 81993	D7 - 83092	G6 - 81999	52192	K4 - 49113	N4 - 81760	
81994	D8 - 53351	G7 - 83087	52193	K5 - 49114	81761	
81995	D9 - 53357	G8 - 81755	52194	K6 - 49115	81762	
B3 - 81979	53358	G9 - 81754	52195	K7 - 81782	N5 - 81759	
B4 - 49105	E1 - 53354	H1 - 81753	I8 - 52196	81783	N6 - 81758	
B5 - 49106	53355	H2 - 81756	52197	81784	N7 - 81763	
B6 - 49119	53356	81757	I9 - 52200	K8 - 81774	N8 - 81713	
B7 - 49120	E2 - 53353	H3 - 83094	J1 - 52199	81780	N9 - 81714	
B8 - 53364	E3 - 53352	H4 - 49134	J2 - 52198	81781	O1 - 81764	

0 500 1000 1500
meters

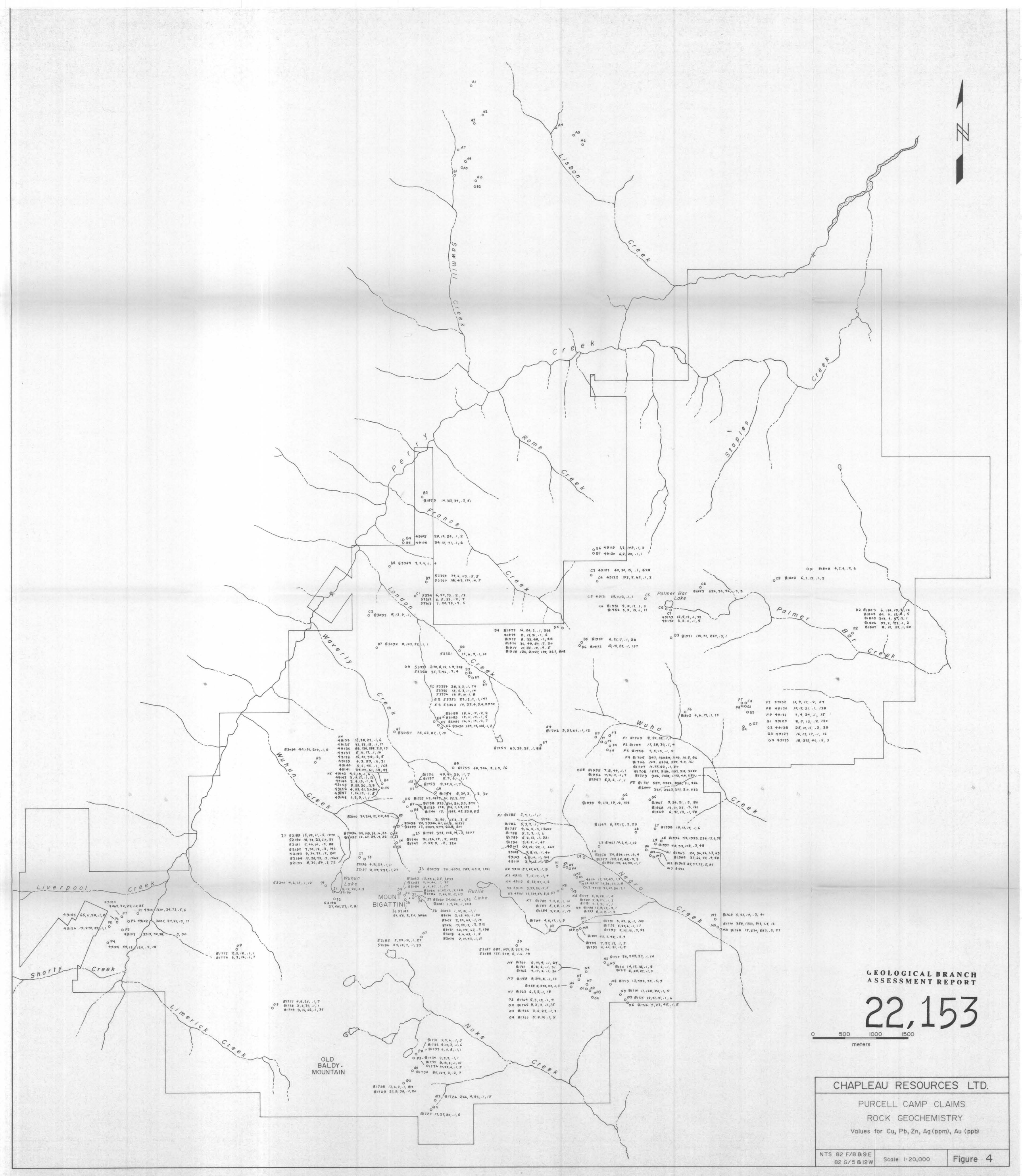
CHAPLEAU RESOURCES LTD.

PURCELL CAMP CLAIMS
PROSPECTING MAP

NTS 82 F/8&9 E
82 G/5 & 12 W

Scale 1:20,000

Figure 3



GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,153

0 500 1000 1500
meters

CHAPLEAU RESOURCES LTD.

PURCELL CAMP CLAIMS

ROCK GEOCHEMISTRY

Values for Cu, Pb, Zn, Ag (ppm), Au (ppb)

NTS 82 F/8 & 9E 82 G/5 & 12W	Scale 1:20,000	Figure 4