BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	2000/2001
REPORT #:	PAP 00-34
NAME:	JAMES DAWSON

REPORT

ON THE

CANOE RIVER PROJECT

N T S 83D

BRITISH COLUMBIA

BY

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January 12, 2001

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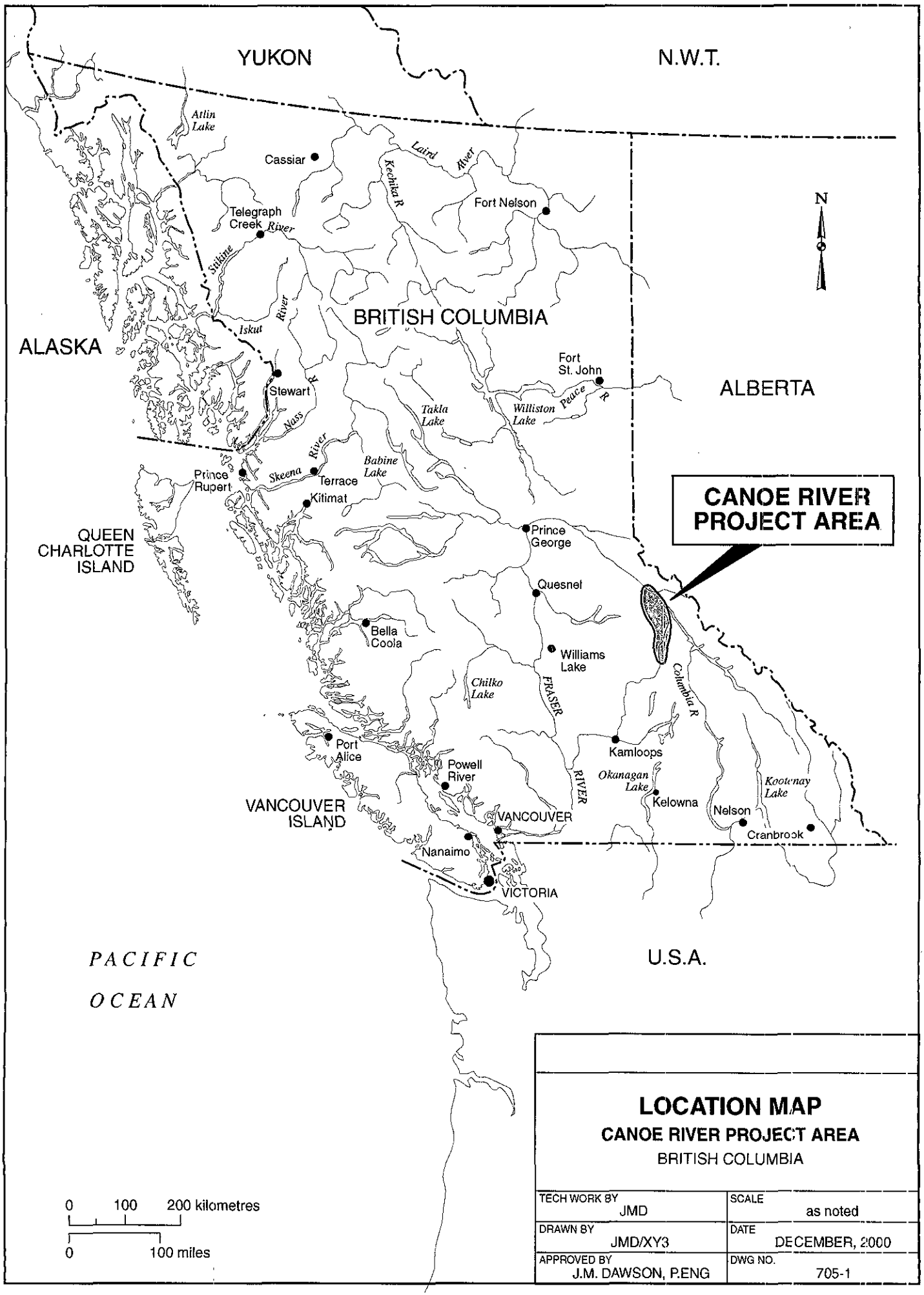


LOCATION MAP

CANOE RIVER PROJECT AREA

BRITISH COLUMBIA

TECH WORK BY JMD	SCALE as noted
DRAWN BY JMD/XY3	DATE DECEMBER, 2000
APPROVED BY J.M. DAWSON, P.ENG	DWG NO. 705-1

Introduction

This report describes the results of a prospecting program carried out over a five week period in August, September and October, 2000. The purpose of the program was to rapidly prospect a fairly large area which has not received much attention by mineral explorationists in recent years. Although the original intent was to focus on non metallic or industrial minerals, because of the prospective rocks encountered, an extensive program of silt sampling was also completed. Data from this work as well as selected rock sampling is included in appendices within this report.

Location and Access

The Canoe River Project prospecting area is located in east-central British Columbia, roughly 450 km. northeast of Vancouver. It is an irregular, elongate area located almost entirely within NTS Quadrangle 83D. The project area follows the main valley of the North Thompson, Albreda and McLennen Rivers and extends from the boundary of Wells Grey Park in the south to just north of the settlement of Tete Jaune Cache in the north (see figure 705-3).

The region is accessible via about 600 km. of paved highway from Vancouver to the town of Blue River at the south end of the project area. The town of Valemount is located about 90 km. to the north and was used as a base for the northern half of the field project. A number of good quality logging roads lead off from Highway No. 5 between Blue River and Tete Jaune Cache and provide excellent access to most of the major tributaries of the North Thompson-Albreda-McLennen river systems.

Physiography and Vegetation

The area lies within the Columbia Mountains of east-central British Columbia. The valley of the North Thompson-Albreda Rivers devides the Cariboo Mountains and the Premier Range to the west from the Monashee Mountains to the east and south (see Figure 705-2). The Rocky Mountain Trench merges with the North Thompson-Albreda valley at Valemount and marks the northeastern boundary of the area. Relief is generally steep away from the major valleys with elevations varying from 700 to more than 2500 meters. These mountain ranges are cut by a number of major creeks and numerous tributaries which generally are steep and fast-flowing. Without the excellent system of logging roads, access would be extremely difficult.

The region lies within the wet belt of eastern British Columbia and vegetation consists of mature cedar and spruce at lower elevations. This cover gives way to local stands of pine in the better drained major valleys and to alpine fir at the higher reaches.

Exploration and Mining History

The earliest recorded exploration and development in the region was concerned with the muscovite occurrences on Mica Mountain. Initial work began in 1898 and continued sporadically into the 1920's. A number of short adits were driven on the host pegmatite dikes, however, the occurrences are too small to be of serious economic interest.

In the early 1950's the discovery of the Verity carbonatite showing (U, Nb, Ta, REE) lead to prospecting for similar occurrences. Drilling and trenching was completed on this and other carbonatite showings sporadically from the mid 1950's to the late 1970's.

The only other serious development activity concerned exploration and evaluation of various industrial mineral properties (mica, feldspar and limestone) during the 1980's and early 1990's.

There has been little recent documented work by exploration companies for metallic mineral deposits in the Canoe River area. This area is one of the few remaining in British Columbia where regional silt sampling has not been completed by the British Columbia Geological Survey.

Regional Geology

The region is underlain by variably metamorphosed, clastic and lesser carbonate sedimentary rocks of the Late Proteroxoic (Hadrynian) Horsethief Creek Group, a part of the Windermere Supergroup. These rocks are in fault contact with a core complex of Early Proterozoic, high grade ortho- and paragneisses.in the northeastern corner of the project area. Near the south end of the area, the older Windermere (Horsethief Creek) metasedimentary rocks are in fault(?) contact with younger metasedimentary and metavolcanic rocks of the Late Proterozoic/Paleozoic, Eagle Bay succession. These older rock packages are intruded by two Mid-Cretaceous granitic plutons near the south end of the project area (see figure 705-3). At the northeast edge of the project area, a band of Cambrian , calcarious sediments is exposed below the Purcell Thrust.

The Horsethief Creek (Windermere) package comprises the bulk of the rocks underlying the project area. The original protolith of this sequence was comprised of granule conglomerate (grit), sandstone, siltstone, shale and argillite, pure and impure carbonates as well as basic volcanic flows and fragmentals. These rocks have now been highly deformed and metamorphosed to varying degrees from greenschist facies to sillimanite-bearing, upper amphibolite facies migmatitic gneisses.

Mapping by Pell (1984) and others has recognized three main lithological units within the Horsethief Creek package (UPW) in the Canoe River area. They are from oldest to youngest: the Semipelite-Amphibolite Unit, the Main Marble Unit and the Upper Clastic

Unit. The Semipelite-Amphibolite Unit is characterized by platey micaceous slates and quartzite, muscovite and biotite schists with varying amounts of quartz, feldspar, garnet and hornblende and occasionally minor to significant amounts of staurolite, kyanite and sillamanite. Locally, minor calc-silicate horizons are present. The platy, micaceous quartzites contain many dark biotite seams. Layers and lenses of amphibolite are abundant with the layers varying from a few millimeters to 5 meters in thickness. The thickness of the Semipelite-Amphibolite Unit (SPA) is unknown but could vary from 500 to at least 1000 meters.

The Middle Marble Unit (MML) overlies the SPA succession and ranges from 20 meters to over 500 meters thick. It consists of a basal and an upper carbonate zone with an intervening clastic horizon. Each carbonate interval may be as much as 200 meters in thickness. The most common lithology is massive, thick bedded, gray-weathering marble. In addition, there are varying thicknesses of buff-weathering, sandy marble and dolomitic marble with thin interlayers of micaceous, calc-schist.

The youngest unit of the Horsethief Creek (UPW) Group exposed in the region is the Upper Clastic Unit. This unit has three major subdivisions: a basal unit of micaceous, meta-sandstone, siltstone and quartzite (layers of feldspar-mica-hornblende-garnet schist are common within the section) and a middle subdivision of alternating micaceous sandstones and slate with significant granule conglomerate or grit horizons (lenses of calcsilicates and fine grained graphitic horizons are common in the section which is capped by rusty schists and quartzites). Thin sulfide layers comprised of pyrite and pyrrhotite with lesser chalcopyrite, sphalerite and galena have been noted in meta-sandstone and meta-argillite or slate in this sub-unit. The upper subdivision is dominated by metamorphosed grit layers and is notable for the absence of large amounts of meta-argillite and carbonate or calc-silicate beds.

The Horsethief Creek package of meta-sediments in the Canoe River area is cut by the north-trending, North Thompson Normal Fault. This fault has down-dropped rocks to the west significantly. Consequently, the rocks to the east of this structure, while still relegated to the lower subdivision (Semipelite-Amphibolite Unit) are of significantly higher metamorphic grade and contain a larger proportion of lit-par-lit, granitic gneiss layers.

Pegmatite dikes and sills are found in many areas within the region, however, they are particularly abundant within 4 or 5 areas near the south end of the project area (see Figure 705-2). These areas have been referred to as pegmatite dike swarms although in some cases they may be one or more very large dikes. Most of the pegmatite bodies seen are pre- or syn-deformation. Typically they are highly deformed and faulted like the enclosing metasediments. However, in the area of Mount Ste. Anne, a large pegmatite field or one very large body appears to be post tectonic. It appears to be relatively undeformed and to have significant phases with runic or eutectic textures- a feature not noted elsewhere. For the most part, pegmatite bodies are similar in appearance consisting of large crystals of plagioclase with lesser quartz. Local large books of biotite and/or muscovite are a common feature. A number of areas were prospected carefully for exotic

minerals in pegmatite bodies, however, apart from tourmaline and garnet in the area of the summit of Mt. Ste. Anne, no significant accessory minerals were observed.

Mineral Occurrences

The original focus of this program was oriented towards industrial minerals since a number of occurrences were recorded both in pegmatitic bodies and in some of the high grade, metamorphosed sediments. Coarse muscovite and biotite crystals are present in a number of pegmatite dikes and muscovite was mined on a small scale on Mica Mountain. Here, large books of muscovite (up to 20 cm. across) are sporadically distributed through typical pegmatite dikes. A similar occurrence was noted along the Bone Creek forest service road. These showings are too small to be of economic interest.

Along the Canoe River about 13 km. southwest of Valemount, micaceous schists have been explored intermittently since the 1960's. Drilling has reportedly outlined a resource in the order of 3,000,000 tonnes grading about 60 % muscovite. In this general region there are a number of other mica occurrences related to various high grade, kyanite-staurolite-muscovite schists, however, none have been explored in any detail.

About 5 km. SE of the summit of Mica Mountain, along one of the tributaries of the McLennen River, a logging road has exposed a considerable area of decomposed mica schist. This material consists of at least 50 % mica in a fine grained sandy till. It is at least 6 meters thick in some road cuts and is exposed over at least 250 meters along a deactivated logging road.

An occurrence of feldspar within a large pegmatite dike is located about 3 km. west of the town of Blue River. Minor work, including some shallow drilling was completed to test the feldspar (plagioclase ?) for ceramic and glass applications.

At the head of Serpentine Creek, an occurrence of beryllium has been reported. According to Hora (1985), beryl crystals up to 20 mm. in diameter are found in pegmatite. No data is available on potential size or economic prospects.

A limestone occurrence is located about 2 km. north of the town of Blue River. The deposit has been explored since the early 1980's with limited production. Current reserves stand at about 1.8 million tonnes.

A number of carbonatite bodies are located within the Semipelite-amphibolite Unit of the Horsethief Creek Group on the east side of the North Thompson River (see figure 705-2). These carbonatite occurrences are frequently conformable, sill-like bodies which are usually thin but have great lateral extent (up to 4,000 meters). They consist of calcium and magnesium carbonates which usually have bands of amphibole or other accessory minerals. These carbonatites usually carry low grade values in niobium, tantalum, uranium, phosphorus (apatite) and rare earth elements. A number of these bodies have been explored by trenching and drilling. The Verity occurrence located just east of the North Thompson River at Serpentine Creek is the largest and highest grade of the

carbonatites so far identified. Locally the carbonatite layer at Verity is up to 15 to 30 meters thick. A resource of 2.0 million tonnes grading 0.16 % Nb_2O_5 and 0.02 % Ta_2O_5 has been outlined.

Within the Canoe River area, currently known metallic mineral occurrences are relatively sparse, although minor pyrite can be found in many, iron stained, metasediment outcrops.

The Ingrid showing is located on the east side of the Yellowhead Highway (No. 5) about 24 km. south of Valemount. It consists of narrow zones of quartz stockwork in high grade gneisses of the Early Proterozoic Malton Gneiss Complex. Scattered copper sulfides, carbonates and free gold occur in the quartz veins and on adjacent fracture surfaces. Values up to 1.8 % Cu, 60 g/t Ag and 8.6 g/t Au are reported. Trenching and minor diamond drilling returned only low grade values.

Pell (1984) notes that within the middle subdivision of the Upper Clastic Unit of the Horsethief Creek Group "sulfides, mainly pyrite and pyrrhotite with traces of chalcopyrite, sphalerite and galena form thin layers as well as disseminations throughout both pelitic and psammitic rocks within this zone. Near the basal contact with the underlying carbonate-bearing horizon are local developments of sulfide-rich, black, graphitic pelites. Sulfide layers two cm. or more in thickness occur parallel to bedding. They contain dominently pyrite and pyrrhotite with minor amounts of chalcopyrite, sphalerite, ilmenite and rutile".

Near the upper reaches of the North Thompson River, the writer noted two fairly large outcrop areas of sulfide bearing metasediments and/or metavolcanics (see figure 705-2). At the North Thompson River location, disseminated pyrrhotite and pyrite is common over a 50 meter long section exposed in a road cut. There are local lenses of massive to sub-massive pyrrhotite up to 20 cm. thick. Grab samples from these sulfide-rich horizons returned values up to 328 PPM Cu, 246 PPM Ni and 123 PPM Co. Similar sulfide-bearing metasediments were encountered along strike(?) on the Adolph Creek forest service road (see figure 705-2). A grab sample from this material returned 377 PPM Cu, 148 PPM Zn, 250 PPM Ni and 146 PPM Co. These outcrop areas plot within the middle subdivision of the Upper Clastic Unit as defined by Pell (1984). No other sulfides besides pyrrhotite and pyrite were seen and the location of mineralized outcrops noted by Pell are presently unknown.

Along the powerline road immediately north of Dominion Creek an outcrop of dark green-gray metavolcanics contains lenses of disseminated, fine grained sulfides. A grab sample of this material returned a value of 670 PPM Cu.

Along the Gum Creek forest service road, two separate outcrops of rusty, sulfide-bearing metasediments or paragneiss returned values of 423 and 462 PPM Cu respectively (see Appendix B).

Geochemistry

Because of the prospective nature of the many carbonate horizons present in the region as well as the sulfide bearing horizons in the Upper Clastic Unit of the Horsethief Creek Group rocks, a fairly comprehensive program of silt sampling was carried out, A total of 386 silt samples were collected and analysed for Au plus a 30 element suite by ICP. Each silt sample was located by UTM co-ordinates and plotted on 1:50,000 scale field maps. Location data for all silt samples and selected rock samples are included in Appendix A.

In general, results are low, however, a total of 24 samples reported zinc values greater than 100 PPM with a maximum value of 289 PPM.Zn In addition, a total of 6 samples reported values greater than 18 PPM gold with a maximum value of 134 PPM Au. These anomalous results are widely distributed within the project area, however, there are notable clusters of anomalous zinc values within the drainages of Blue River, North Blue River, Dominion Creek and Albreda River. Two of the higher anomalous gold values are located within the Thunder River drainage.

Exploration Potential

The most significant exploration potential within the Canoe River Project Area seems to be for SEDEX type, base metal deposits within portions of the Upper Clastic Unit of the Horsethief Creek Group rocks. In addition, potential exists for replacement-type or MVT type Zn-Pb deposits within some of the many limestone-marble horizons associated with the Middle Marble Unit of the Horsethief Creek Group sequence.

The many anomalous zinc silt samples will have to be followed up. Some of these anomalies are in areas with no obvious favorable setting; at least as currently understood. The anomalous gold values will also have to be followed up. Their significance at present is completely unknown.

APPENDIX A

SAMPLE LOCATIONS

Sample Number	UTM Co-ordinates	Geographic Reference
JD-00-001	5855050N, 340550E	Tributary of West Fork of McClennen River
JD-00-002	5853660N, 340850E	Tributary of West Fork of McClennen River
JD-00-003	5852900N, 341250E	Tributary of West Fork of McClennen River
JD-00-004	5873450N, 330350E	Shelter Creek
JD-00-005	5876820N, 322000E	Kiwa Creek
JD-00-006	5875450N, 320900E	Kiwa Creek
JD-00-007	5874990N, 321150E	Kiwa Creek
JD-00-008	5831550N, 356700E	Robina Creek
JD-00-009	5832000N, 356825E	Tributary of Robina Creek
JD-00-010	5832370N, 356800E	Tributary of Robina Creek
JD-00-011	5832250N, 357775E	Tributary of Robina Creek
JD-00-012	5832200N, 358280E	Tributary of Robina Creek
JD-00-013	5832825N, 357150E	North of Robina Creek
JD-00-014	5833125N, 356650E	North of Robina Creek
JD-00-015	5832100N, 355950E	North of Robina Creek
JD-00-016	5832850N, 355875E	North of Robina Creek
JD-00-017	5828575N, 358160E	East of Clemina Creek
JD-00-018	5826320N, 358550E	Clemina Creek
JD-00-019	5826780N, 360720E	Tributary of Clemina Creek
JD-00-020	5826680N, 361775E	Tributary of Clemina Creek
JD-00-021	5825920N, 365100E	Tributary of Clemina Creek
JD-00-022	5825550N, 365800E	Tributary of Clemina Creek
JD-00-R1	5854755N, 340500E	West Ridge FSR
JD-00-R2	5847380N, 345480E	Canoe River Access Road
JD-00-023	5844790N, 337990E	Tributary of Canoe River
JD-00-024	5844300N, 337300E	Kimmel Creek
JD-00-025	5843610N, 335580E	Tributary of Canoe River
JD-00-026	5843280N, 332880E	Tributary of Canoe River
JD-00-027	5866680N, 331800E	Tributary of McLennen Creek
JD-00-028	5865330N, 332525E	Tributary of McLennen Creek
JD-00-029	5864280N, 333000E	Tributary of McLennen Creek
JD-00-030	5861530N, 334575E	Tributary of McLennen Creek
JD-00-031	5855450N, 340350E	Tributary of West Fork of McLennan River
JD-00-032	5856200N, 339350E	Tributary of West Fork of McLennan River
JD-00-033	5856575N, 339175E	Tributary of West Fork of McLennan River
JD-00-034	5857000N, 338750E	Tributary of West Fork of McLennan River

JD-00-035	5857100N, 338220E	Tributary of West Fork of McLennan River
JD-00-036	5857300N, 337780E	Tributary of West Fork of McLennan River
JD-00-037	5857525N, 337125E	Tributary of West Fork of McLennan River
JD-00-038	5857275N, 336075E	Tributary of West Fork of McLennan River
JD-00-039	5857990N, 335950E	Tributary of West Fork of McLennan River
JD-00-040	5858450N, 335125E	Tributary of West Fork of McLennan River
JD-00-041	5858700N, 334675E	Tributary of West Fork of McLennan River
JD-00-R3	5857525N, 336925E	McLennan River FSR
JD-00-R4	5858675N, 334800E	McLennan River FSR
JD-00-R5	5858635N, 334850E	McLennan River FSR
JD-00-042	5843970N, 346400E	Tributary of Camp Creek
JD-00-043	5842430N, 346700E	Gold Creek
JD-00-044	5825350N, 360120E	Tributary of Dora Creek
JD-00-045	5825270N, 360960E	Tributary of Dora Creek
JD-00-R6	5824370N, 360840E	Dora Creek FSR
JD-00-046	5828540N, 359450E	Tributary of Albreda River
JD-00-047	5826450N, 357340E	Tributary of Albreda River
JD-00-048	5825850N, 357290E	Tributary of Albreda River
JD-00-049	5823840N, 356550E	Tributary of Albreda River
JD-00-050	5825075N, 354390E	Tributary Allen Creek
JD-00-051	5823000N, 356140E	Allen Creek
JD-00-052	5830250N, 356430E	Tributary of Albreda River
JD-00-053	5829120N, 356640E	Tributary of Albreda River
JD-00-054	5829510N, 356200E	Tributary of Albreda River
JD-00-055	5830210N, 354780E	Tributary of Albreda River
JD-00-056	5830275N, 354520E	Tributary of Albreda River
JD-00-057	5830800N, 353810E	Tributary of Albreda River
JD-00-058	5829490N, 354815E	Tributary of Albreda River
JD-00-059	5828525N, 354820E	Tributary of Albreda River
JD-00-R7	5828390N, 354920E	Albreda River FSR
JD-00-060	5828300N, 355080E	Tributary of Albreda River
JD-00-061	5828125N, 355240E	Tributary of Albreda River
JD-00-062	5828000N, 355000E	Tributary of Albreda River
JD-00-063	5828190N, 354780E	Tributary of Albreda River
JD-00-064	5817550N, 357755E	Tributary of Dominion Creek
JD-00-065	5817400N, 358110E	Tributary of Dominion Creek
JD-00-066	5817100N, 358450E	Dominion Creek
JD-00-067	5819640N, 357560E	Tributary of Albreda River

JD-00-R8	5819630N, 357560E	Power Line Road North of Dominion Creek
JD-00-068	5814780N, 350410E	Tributary of Lempriere Creek
JD-00-069	5813640N, 350240E	Tributary of Lempriere Creek
JD-00-070	5816350N, 350130E	Lempriere Creek
JD-00-071	5817405N, 348529E	Tributary of North Thompson River
JD-00-072	5817206N, 346979E	Tributary of North Thompson River
JD-00-073	5817281N, .346491E	Tributary of North Thompson River
JD-00-074	5817492N, 345577E	Tributary of North Thompson River
JD-00-075	5817197N, 344622E	Tributary of North Thompson River
JD-00-076	5817770N, 343833E	Tributary of North Thompson River
JD-00-077	5819271N, 341233E	Tributary of North Thompson River
JD-00-078	5819983N, 340440E	Tributary of North Thompson River
JD-00-079	5820379N, 339885E	Tributary of North Thompson River
JD-00-080	5820359N, 339318E	Tributary of North Thompson River
JD-00-081	5821003N, 337663E	Tributary of Adolph Creek
JD-00-082	5821180N, 337600E	Adolph Creek
JD-00-R9	5821591N, 337009E	Adolph Creek FSR
JD-00-R10	5823941N, 335960E	Adolph Creek FSR
JD-00-083	5825972N, 336890E	Tributary of Adolph Creek
JD-00-084	5826204N, 337129E	Tributary of Adolph Creek
JD-00-085	5826532N, 337325E	Tributary of Adolph Creek
JD-00-R11	5826230N, 337140E	Spur from Adolph Creek FSR
JD-00-086	5828828N,337620E	Tributary of Adolph Creek
JD-00-R12	5831171N, 337044E	Adolph Creek FSR
JD-00-087	5831190N, 337020E	Adolph Creek
JD-00-088	5822841N, 333620E	Tributary of North Thompson River
JD-00-089	5822500N, 333093E	Tributary of North Thompson River
JD-00-090	5823685N, 332143E	Tributary of North Thompson River
JD-00-091	5823970N, 331475E	Tributary of Pleasant Creek
JD-00-092	5824065N, 331404E	Tributary of Pleasant Creek
JD-00-093	5824702N, 330400E	Tributary of Pleasant Creek
JD-00-094	5825005N, 330008E	Tributary of Pleasant Creek
JD-00-095	5825559N, 328523E	Tributary of North Thompson River

JD-00-R13	5826026N, 328407E	North Thompson FSR
JD-00-R14	5826075N, 328400E	North Thompson FSR
JD-00-R15	5826080N, 328400E	North Thompson FSR
JD-00-096	5826528N, 328497E	Tributary of North Thompson River
JD-00-097	5826792N, 328705E	Tributary of North Thompson River
JD-00-098	5827284N, 328707E	Tributary of North Thompson River
JD-00-099	5827437N, 328617E	Tributary of North Thompson River
JD-00-100	5827746N, 328386E	Tributary of North Thompson River
JD-00-101	5828722N, 327392E	Tributary of North Thompson River
JD-00-102	5830840N, 326190E	Lebher Creek
JD-00-103	5829084N, 326763E	Tributary of Lebher Creek
JD-00-104	5829141N, 326586E	Lebher Creek
JD-00-105	5831796N, 323461E	Tributary of North Thompson River
JD-00-106	5832335N, 322768E	Tributary of North Thompson River
JD-00-107	5832940N, 321750E	Tributary of North Thompson River
JD-00-108	5833079N, 321602E	Tributary of North Thompson River
JD-00-109	5829402N, 324568E	Tributary of North Thompson River
JD-00-110	5829936N, 324062E	Tributary of North Thompson River
JD-00-111	5830872N, 323419E	Tributary of North Thompson River
JD-00-112	5816597N, 348106E	Tributary of North Thompson River
JD-00-113	5816612N, 344693E	Canvas Creek
JD-00-114	5817194N, 348145E	Tributary of North Thompson River
JD-00-115	5816445N, 349439E	Tributary of North Thompson River
JD-00-116	5816451N, 347614E	Tributary of North Thompson River
JD-00-117	5814493N, 345020E	Tributary of Canvas Creek
JD-00-R16	5816278N, 344670E	Canvas Creek FSR
JD-00-118	5814450N, 345204E	Tributary of Canvas Creek
JD-00-119	5813547N, 345012E	Tributary of Canvas Creek
JD-00-120	5813100N, 344677E	Tributary of Canvas Creek
JD-00-R17	5813100N, 344677E	Canvas Creek FSR
JD-00-121	5813225N, 345237E	Tributary of Canvas Creek

JD-00-122	5812560N, 344867E	Tributary of Canvas Creek
JD-00-123	5812533N, 344188E	Tributary of Canvas Creek
JD-00-124	5812050N, 342378E	Tributary of Canvas Creek
JD-00-125	5811217N, 340747E	Canvas Creek
JD-00-126	5817492N, 342193E	Tributary of North Thompson River
JD-00-127	5817787N, 341602E	Tributary of North Thompson River
JD-00-128	5818275N, 340512E	Tributary of North Thompson River
JD-00-129	5817935N, 336779E	Manteau Creek
JD-00-130	5817007N, 336041E	Tributary of Manteau Creek
JD-00-R18	5817000N, 336050E	Manteau Creek FSR
JD-00-131	5815141N, 334801E	Tributary of Manteau Creek
JD-00-132	5814101N, 334024E	Tributary of Manteau Creek
JD-00-133	5813032N, 333131E	Tributary of Manteau Creek
JD-00-134	5812434N, 332241E	Tributary of Manteau Creek
JD-00-135	5812741N, 331883E	Tributary of Manteau Creek
JD-00-136	5813066N, 332028E	Tributary of Manteau Creek
JD-00-137	5792556N, 356447E	Tributary of Bone Creek
JD-00-138	5792785N, 356754E	Tributary of Bone Creek
JD-00-139	5793072N, 357684E	Tributary of Bone Creek
JD-00-140	5792573N, 358494E	Tributary of Bone Creek
JD-00-141	5791950N, 359770E	Tributary of Bone Creek
JD-00-142	5792090N, 360051E	Tributary of Bone Creek
JD-00-R19	5791950N, 359770E	Spur of Bone Creek FSR
JD-00-143	5791887N, 360284E	Tributary of Bone Creek
JD-00-144	5791303N, 361170E	Tributary of Bone Creek
JD-00-145	5791134N, 361276E	Tributary of Bone Creek
JD-00-146	5790580N, 362162E	Tributary of Bone Creek
JD-00-147	5789963N, 363228E	Tributary of Bone Creek
JD-00-148	5789465N, 363904E	Tributary of Bone Creek
JD-00-149	5788793N, 364986E	Tributary of Bone Creek
JD-00-150	5790120N, 363020E	Tributary of Bone Creek
JD-00-R20	5790392N, 362821E	Bone Creek FSR
JD-00-151	5791599N, 361855E	Tributary of Bone Creek
JD-00-152	5792739N, 362658E	Tributary of Bone Creek
JD-00-153	5793168N, 363061E	Tributary of Bone Creek
JD-00-154	5793590N, 363336E	Tributary of Bone Creek
JD-00-155	5794346N, 364370E	Tributary of Bone Creek
JD-00-156	5794602N, 364152E	Tributary of Bone Creek
JD-00-157	5794587N, 364644E	Tributary of Bone Creek
JD-00-158	5795168N, 365049E	Tributary of Bone Creek
JD-00-159	5795464N, 365384E	Tributary of Bone Creek
JD-00-160	5791561N, 355108E	Tributary of Bone Creek

JD-00-161	5787837N, 347612E	Tributary of Thunder River
JD-00-162	5788201N, 347019E	Tributary of Thunder River
JD-00-163	5789011N, 346260E	Tributary of Thunder River
JD-00-164	5789495N, 345897E	Tributary of Thunder River
JD-00-165	5790221N, 345831E	Tributary of Thunder River
JD-00-166	5790947N, 344805E	Tributary of Thunder River
JD-00-167	5791843N, 343743E	Tributary of Thunder River
JD-00-168	5792012N, 343442E	Tributary of Thunder River
JD-00-169	5792204N, 342590E	Tributary of Thunder River
JD-00-170	5792254N, 341855E	Tributary of Thunder River
JD-00-171	5793178N, 340281E	Tributary of Thunder River
JD-00-172	5793619N, 340316E	Tributary of Thunder River
JD-00-173	5792784N, 342000E	Tributary of Thunder River
JD-00-174	5793588N, 341315E	Tributary of Thunder River
JD-00-175	5793241N, 342002E	Tributary of Thunder River
JD-00-176	5792977N, 343245E	Tributary of Thunder River
JD-00-177	5791246N, 344941E	Tributary of Thunder River
JD-00-178	5789363N, 345774E	Tributary of Thunder River
JD-00-179	5789108N, 345564E	Tributary of Thunder River
JD-00-180	5787655N, 347125E	Tributary of Thunder River
JD-00-R21	5787263N, 347233E	Spur of Thunder River FSR
JD-00-181	5791608N, 351160E	Tributary of Bone Creek
JD-00-182	5790938N, 350435E	Tributary of Bone Creek
JD-00-183	5789126N, 349751E	Tributary of North Thompson River
JD-00-184	5788497N, 349543E	Tributary of North Thompson River
JD-00-185	5788078N, 350323E,	Tributary of North Thompson River
JD-00-186	5790027N, 351576E	Tributary of North Thompson River
JD-00-187	5790085N, 351837E	Tributary of North Thompson River
JD-00-R22	5790100N, 351850E	Spur of Hellroar Creek FSR
JD-00-188	5788407N, 350870E	Tributary of North Thompson River
JD-00-189	5793634N, 352369E	Tributary of North Thompson River
JD-00-190	5795352N, 352384E	Tributary of North Thompson River
JD-00-R23	5796511N, 352377E	Gum Creek FSR
JD-00-191	5797581N, 352390E	Tributary of Gum Creek
JD-00-192	5798157N, 352623E	Gum Creek
JD-00-193	5801198N, 353324E	Tributary of North Thompson River
JD-00-194	5798707N, 354071E	Tributary of Gum Creek
JD-00-195	5797896N, 354950E	Tributary of Gum Creek

JD-00-196	5797831N, 355667E	Tributary of Gum Creek
JD-00-197	5796071N, 356340E	Tributary of Gum Creek
JD-00-198	5796265N, 357599E	Tributary of Gum Creek
JD-00-199	5801468N, 353225E	Tributary of North Thompson River
JD-00-200	5797907N, 353708E	Tributary of Gum Creek
JD-00-R24	5799030N, 352779E	Gum Creek FSR
JD-00-201	5795130N, 352694E	Tributary of North Thompson River
JD-00-202	5793752N, 352947E	Tributary of North Thompson River
JD-00-203	5795072N, 353102E	Tributary of North Thompson River
JD-00-204	5793643N, 353116E	Tributary of North Thompson River
JD-00-205	5792640N, 354862E	Tributary of Bone Creek
JD-00-206	5792720N, 354914E	Tributary of Bone Creek
JD-00-207	5815349N, 356751E	Tributary of Moonbeam Creek
JD-00-208	5816000N, 356900E	Tributary of Moonbeam Creek
JD-00-209	5813507N, 355141E	Tributary of North Thompson River
JD-00-210	5811953N, 354327E	Tributary of North Thompson River
JD-00-211	5810918N, 354118E	Tributary of North Thompson River
JD-00-212	5809132N, 353779E	Tributary of North Thompson River
JD-00-213	5807727N, 353222E	Tributary of North Thompson River
JD-00-214	5806567N, 352608E	Tributary of Serpentine Creek
JD-00-215	5804360N, 352425E	Tributary of North Thompson River
JD-00-216	5802921N, 352819E	Tributary of Pyramid Creek
JD-00-217	5801441N, 352633E	Tributary of North Thompson River
JD-00-218	5805319N, 352726E	Tributary of North Thompson River
JD-00-219	5805684N, 354315E	Serpentine Creek
JD-00-220	5810268N, 354087E	Tributary of North Thompson River
JD-00-221	5807730N, 354021E	Tributary of North Thompson River
JD-00-222	5806342N, 354943E	Tributary of Serpentine Creek
JD-00-223	5806030N, 356904E	Tributary of Serpentine Creek
JD-00-224	5805902N, 357202E	Tributary of Serpentine Creek
JD-00-225	5805913N, 358252E	Tributary of Serpentine Creek
JD-00-226	5805321N, 359616E	Tributary of Serpentine Creek
JD-00-227	5805106N, 360549E	Tributary of Serpentine Creek

JD-00-228	5806600N, 357164E	Tributary of Serpentine Creek
JD-00-229	5812031N, 353942E	Tributary of North Thompson River
JD-00-R25	5807468N, 355318E	Spur of Serpentine Creek FSR
JD-00-230	5808802N, 353122E	Tributary of North Thompson River
JD-00-231	5802621N, 351552E	Tributary of North Thompson River
JD-00-232	5799555N, 351605E	Tributary of North Thompson River
JD-00-233	5797870N, 351352E	Tributary of North Thompson River
JD-00-234	5792124N, 350054E	Tributary of North Thompson River
JD-00-235	5783720N, 346643E	Tributary of North Thompson River
JD-00-236	5782722N, 345679E	Tributary of North Thompson River
JD-00-237	5811603N, 353229E	Tributary of North Thompson River
JD-00-238	5810174N, 353010E	Tributary of North Thompson River
JD-00-239	5809653N, 352952E	Tributary of North Thompson River
JD-00-240	5809754N, 352226E	Tributary of North Thompson River
JD-00-241	5810814N, 352525E	Tributary of North Thompson River
JD-00-242	5812207N, 353757E	Tributary of North Thompson River
JD-00-243	5812854N, 353985E	Tributary of North Thompson River
JD-00-244	5813530N, 354207E	Tributary of North Thompson River
JD-00-R26	5812636N, 353986E	Hilton Creek Road Spur
JD-00-245	5806686N, 351431E	Tributary of Chappel Creek
JD-00-246	5808415N, 351378E	Tributary of Chappel Creek
JD-00-247	5809443N, 351534E	Tributary of Chappel Creel
JD-00-248	5812257N, 351696E	Tributary of Chappel Creek
JD-00-249	5808411N, 351378E	Tributary of Chappel Creek
JD-00-250	5802722N, 351283E	Tributary of North Thompson River
JD-00-251	5801907N, 351000E	Tributary of North Thompson River
JD-00-252	5800888N, 350998E	Tributary of North Thompson River
JD-00-253	5799936N, 350805E	Tributary of North Thompson River

JD-00-254	5799683N, 350757E	Tributary of North Thompson River
JD-00-255	5799125N, 350600E	Tributary of North Thompson River
JD-00-R27	5799655N, 350755E	Jackhammer FSR
JD-00-256	5801474N, 351575E	Tributary of North Thompson River
JD-00-257	5796161N, 351167E	Tributary of North Thompson River
JD-00-258	5796222N, 351176E	Tributary of North Thompson River
JD-00-R28	5796327N, 351102E	Daylon Road
JD-00-R29	5796345N, 351100E	Daylon Road
JD-00-R30	5796355N, 351100E	Daylon Road
JD-00-259	5795753N, 350590E	Tributary of North Thompson River
JD-00-260	5795700N, 350421E	Tributary of North Thompson River
JD-00-261	5795791N, 350490E	Tributary of North Thompson River
JD-00-262	5797021N, 350662E	Tributary of North Thompson River
JD-00-263	5790944N, 349418E	Tributary of North Thompson River
JD-00-264	5791673N, 349563E	Tributary of North Thompson River
JD-00-265	5792782N, 349932E	Tributary of North Thompson River
JD-00-266	5793909N, 350379E	Tributary of North Thompson River
JD-00-267	5794693N, 348775E	Tributary of Miledge Creek
JD-00-268	5794640N, 350095E	Tributary of Miledge Creek
JD-00-269	5795036N, 347878E	Tributary of Miledge Creek
JD-00-270	5796991N, 346300E	Tributary of Miledge Creek
JD-00-271	5796418N, 346331E	Tributary of Miledge Creek
JD-00-272	5796322N, 347723E	Tributary of Miledge Creek
JD-00-273	5797010N, 347439E	Tributary of Miledge Creek
JD-00-R31	5797630N, 346887E	Spur of Miledge Creek FSR
JD-00-274	5798503N, 346280E	Tributary of Miledge Creek
JD-00-275	5799303N, 346448E	Tributary of Miledge Creek
JD-00-R32	5798510N, 346285E	Spur of Miledge Creek FSR
JD-00-276	5799525N, 346493E	Tributary of Miledge Creek
JD-00-277	5799712N, 346571E	Tributary of Miledge Creek
JD-00-278	5799268N, 346882E	Tributary of Miledge Creek
JD-00-279	5800950N, 347548E	Tributary of Miledge Creek
JD-00-280	5798835N, 346116E	Tributary of Miledge Creek
JD-00-281	5798976N, 346118E	Tributary of Miledge Creek

JD-00-R33	5798985N, 346120E	Spur of Miledge Creek Road
JD-00-282	5799307N, 346131E	Tributary of Miledge Creek
JD-00-283	5799873N, 346210E	Tributary of Miledge Creek
JD-00-284	5800820N, 346181E	Tributary of Miledge Creek
JD-00-285	5797638N, 346821E	Tributary of Miledge Creek
JD-00-R34	5797680N, 346246E	Miledge Creek FSR
JD-00-286	5797760N, 346115E	Tributary of Miledge Creek
JD-00-287	5797795N, 344816E	Tributary of Miledge Creek
JD-00-288	5788646N, 348461E	Tributary of Thunder River
JD-00-289	5789172N, 347877E	Tributary of Thunder River
JD-00-290	5790877N, 346677E	Tributary of Thunder River
JD-00-291	5791426N, 346930E	Tributary of Thunder River
JD-00-R35	5791813N, 346692E	Mount St. Anne FSR
JD-00-292	5792651N, 345940E	Tributary of Thunder River
JD-00-293	5793005N, 344934E	Tributary of Thunder River
JD-00-294	5782126N, 345090E	Tributary of Whitewater Creek
JD-00-295	5782887N, 344118E	Tributary of Whitewater Creek
JD-00-296	5783396N, 344446E	Tributary of Whitewater Creek
JD-00-297	5784286N, 345179E	Tributary of Whitewater Creek
JD-00-298	5784236N, 344909E	Tributary of Whitewater Creek
JD-00-299	5782301N, 343083E	Tributary of Cook Creek
JD-00-300	5781895N, 342432E	Tributary of Cook Creek
JD-00-301	5776932N, 341504E	White River
JD-00-302	5776842N, 340271E	Tributary of Blue River
JD-00-303	5775487N, 338603E	Tributary of Blue River
JD-00-304	5774646N, 335565E	Tributary of Blue River
JD-00-305	5774631N, 335564E	Tributary of Blue River
JD-00-306	5777380N, 334500E	Tributary of North Blue River
JD-00-307	5778846N, 334754E	Tributary of North Blue River
JD-00-308	5780397N, 334988E	Tributary of North Blue River
JD-00-309	5782069N, 334518E	North Blue River
JD-00-310	5783040N, 334371E	Tributary of North Blue River
JD-00-311	5784214N, 334523E	Tributary of North Blue River
JD-00-312	5785777N, 333897E	Tributary of North Blue River
JD-00-313	5779041N, 333979E	Tributary of North Blue River
JD-00-314	5780307N, 333924E	Tributary of North Blue River
JD-00-315	5781624N, 333819E	Tributary of North Blue River
JD-00-316	5782491N, 333562E	Tributary of North Blue River
JD-00-317	5777055N, 333538E	Tributary of North Blue River
JD-00-318	5775456N, 333577E	Tributary of North Blue River
JD-00-319	5773246N, 333250E	Tributary of North Blue River
JD-00-320	5772631N, 332319E	Tributary of Blue River
JD-00-321	5777263N, 340127E	Tributary of Blue River
JD-00-322	5777996N, 340280E	Tributary of White River
JD-00-323	5778646N, 340098E	Tributary of White River

JD-00-324	5778354N, 339279E	Tributary of Blue River
JD-00-325	5777998N, 339306E	Tributary of Blue River
JD-00-326	5778022N, 338377E	Tributary of Blue River
JD-00-327	5777578N, 336910E	Tributary of Blue River
JD-00-328	5779143N, 346215E	Tributary of Mud Creek
JD-00-329	5780405N, 345948E	Tributary of North Thompson River
JD-00-330	5781563N, 346560E	Tributary of North Thompson River
JD-00-331	5783589N, 348276E	Tributary of North Thompson River
JD-00-332	5785219N, 348663E	Tributary of North Thompson River
JD-00-333	5779148N, 346902E	Tributary of Mud Creek
JD-00-334	5778702N, 348426E	Tributary of Mud Creek
JD-00-335	5779677N, 349906E	Tributary of Mud Creek
JD-00-336	5780548N, 350760E	Tributary of Mud Creek
JD-00-337	5780390N, 350460E	Tributary of Mud Creek
JD-00-338	5780189N, 350803E	Tributary of Mud Creek
JD-00-R36	5778450n, 349437E	Mud Creek FSR
JD-00-339	5778379N, 349449E	Tributary of Mud Creek
JD-00-341	5778972N, 353617E	Tributary of Mud Creek
JD-00-342	5779071N, 354331E	Tributary of Mud Creek
JD-00-343	5778715N, 354654E	Tributary of Mud Creek
JD-00-344	5778555N, 355478E	Tributary of Mud Creek
JD-00-345	5772629N, 337214E	Tributary of Blue River
JD-00-346	5772839N, 335624E	Tributary of Blue River
JD-00-347	5771976N, 333352E	Tributary of Blue River
JD-00-348	5771533N, 332169E	Tributary of Blue River
JD-00-349	5771006N, 330536E	Tributary of Blue River
JD-00-350	5770091N, 329154E	Tributary of Blue River
JD-00-351	5769780N, 327190E	Tributary of Blue River
JD-00-352	5769994N, 325755E	Tributary of Blue River
JD-00-353	5770529N, 325737E	Tributary of Blue River
JD-00-354	5770925N, 325733E	Tributary of Blue River
JD-00-355	5770914N, 326502E	Tributary of Blue River
JD-00-356	5771297N, 326445E	Tributary of Blue River
JD-00-357	5772430N, 326730E	Tributary of Blue River
JD-00-358	5772960N, 327487E	Tributary of Blue River
JD-00-359	5773109N, 329228E	Tributary of McRae Creek
JD-00-360	5773384N, 329722E	Tributary of McRae Creek
JD-00-361	5841919N, 348887E	Tributary of Camp Creek
JD-00-362	5842366N, 349834E	Tributary of Camp Creek
JD-00-363	5840525N, 349382E	Tributary of Camp Creek
JD-00-364	5841364N, 349222E	Tributary of Camp Creek
JD-00-365	5838950N, 349400E	Tributary of Camp Creek

JD-00-366	5838395N, 350626E	Tributary of Camp Creek
JD-00-367	5835912N, 352432E	Tributary of Camp Creek
JD-00-368	5822998N, 330888E	Tributary of Pleasant Creek
JD-00-369	5823147N, 331188E	Tributary of Pleasant Creek
JD-00-370	5823371N, 330960E	Tributary of Pleasant Creek
JD-00-R37	5824798N, 329933E	North Thompson FSR
JD-00-371	5826034N, 328437E	Tributary of North Thompson River
JD-00-R38	5825787N, 328398E	North Thompson FSR
JD-00-R39	5825895N, 328402E	North Thompson FSR
JD-00-372	5826348N, 328467E	Tributary of North Thompson River
JD-00-R39A	5822665N, 336445E	Adolph Creek FSR
JD-00-373	5823054N, 336251E	Tributary of Adolph Creek
JD-00-R40	5823343N, 336079E	Adolph Creek FSR
JD-00-R41	5823345N, 336080E	Adolph Creek FSR
JD-00-375	5823752N, 335909E	Tributary of Adolph Creek
JD-00-R42	5823852N, 335939E	Adolph Creek FSR
JD-00-R43	5794591N, 349953E	Miledge Creek FSR
JD-00-375	5801642N, 346957E	Tributary of Chappel Creek
JD-00-376	5802453N, 347129E	Tributary of Chappel Creek
JD-00-377	5790695N, 343585E	Tributary of Thunder River
JD-00-378	5789813N, 344872E	Tributary of Thunder River
JD-00-379	5789116N, 345553E	Tributary of Thunder River
JD-00-380	5793819N, 340095E	Tributary of Thunder River
JD-00-381	5824802N, 362993E	Tributary of Clemina Creek
JD-00-382	5825359N, 362403E	Tributary of Clemina Creek
JD-00-383	5826281N, 363386E	Tributary of Clemina Creek
JD-00-384	5825297N, 362195E	Tributary of Clemina Creek
JD-00-385	5825700N, 358786E	Tributary of Dora Creek

APPENDIX B

GEOCHEMICAL ANALYSES

ACME ANALYTICAL LABORATORIES LTD. [illegible] E. HASTINGS ST. VANCOUVER BC [illegible] 1R6 PHONE (604) 253-3158 FAX (604) 253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Dawson Geological Cons. Ltd. File # A003877

860-625 Howe St., Vancouver BC V6C 2T6 Submitted by: James M. Dawson

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
JD-00-R1	4	40	6	22	<.3	16	7	86	4.00	<2	<8	<2	3	6	<.2	<3	3	19	.04	.024	11	43	.86	109	.11	3	1.56	.09	.76	5	4
JD-00-R2	6	8	6	7	<.3	11	1	38	.71	<2	<8	<2	3	3	<.2	<3	<3	2	.03	.019	8	29	.01	5	.01	<3	.07	.02	.03	3	3
JD-00-R3	5	43	14	108	<.3	37	14	311	4.99	3	<8	<2	4	41	<.2	<3	3	70	.77	.071	10	78	1.91	288	.15	<3	3.03	.16	1.21	6	<2
JD-00-R4	3	58	8	31	<.3	22	8	389	3.14	<2	<8	<2	13	5	<.2	<3	<3	17	.23	.045	21	34	.88	44	.16	<3	1.73	.03	.32	<2	3
JD-00-R7	3	50	7	30	<.3	35	12	274	2.80	2	<8	<2	2	62	.2	<3	<3	19	1.42	.043	6	45	.65	25	.17	<3	1.90	.10	.11	5	5
JD-00-R8	8	670	9	31	.3	173	108	200	16.95	3	13	<2	8	6	.3	<3	4	15	.15	.028	13	23	.49	77	.13	3	1.12	.01	.48	2	12
JD-00-R9	8	34	5	39	<.3	9	4	80	8.32	<2	<8	<2	5	4	<.2	<3	3	11	.02	.035	11	32	.74	48	.09	<3	1.39	.06	.69	8	<2
JD-00-R10	3	377	11	148	<.3	250	146	260	14.08	4	12	<2	<2	4	.7	<3	3	177	.19	.071	4	104	4.09	88	.35	<3	4.75	.08	2.92	3	3
JD-00-R12	6	75	15	93	<.3	54	25	364	5.51	2	<8	<2	2	76	<.2	<3	<3	49	1.21	.037	3	58	1.70	77	.14	<3	3.40	.21	1.04	7	<2
JD-00-R13	5	51	9	24	<.3	24	14	82	3.82	<2	<8	<2	12	3	<.2	<3	<3	10	.05	.030	11	28	.79	56	.05	<3	1.27	.04	.68	<2	2
JD-00-R14	2	222	<3	30	<.3	3	2	132	40.96	<2	<8	<2	21	3	<.2	<3	5	19	<.01	.059	6	29	.21	29	.03	5	.47	.01	.20	<2	<2
JD-00-R15	4	320	8	83	<.3	246	123	490	18.47	5	<8	<2	6	18	.7	<3	7	32	.27	.039	5	40	1.57	65	.06	<3	1.56	.08	.84	2	3
RE JD-00-R15	6	328	9	84	<.3	249	125	496	18.70	7	<8	<2	6	19	1.1	<3	<3	33	.27	.040	5	39	1.59	65	.06	3	1.61	.08	.85	<2	3
JD-00-R16	4	25	9	53	<.3	33	13	336	2.89	3	<8	<2	10	17	<.2	<3	<3	32	.61	.066	11	77	.96	257	.16	<3	1.29	.17	.46	9	<2
JD-00-R17	6	35	7	46	<.3	42	11	283	2.97	<2	<8	<2	6	32	<.2	<3	<3	7	.78	.034	5	24	.55	44	.02	<3	.64	.02	.43	<2	<2
JD-00-R18	6	36	8	88	<.3	30	10	292	4.19	<2	<8	<2	12	12	<.2	<3	<3	48	.17	.051	32	49	1.45	115	.11	<3	2.16	.06	.88	3	<2
JD-00-R19	7	136	4	65	<.3	29	9	304	7.71	<2	<8	<2	4	6	<.2	<3	<3	37	.08	.057	11	60	1.03	163	.24	<3	2.27	.07	1.13	2	<2
JD-00-R20	1	116	5	44	<.3	27	28	503	4.77	<2	<8	<2	<2	15	<.2	<3	<3	252	1.80	.087	2	9	1.05	22	.25	5	1.71	.27	.17	<2	<2
JD-00-R21	4	39	19	75	<.3	49	12	360	4.63	<2	<8	<2	6	158	<.2	<3	<3	73	3.37	.022	14	103	1.14	154	.18	<3	5.53	.26	.65	3	<2
JD-00-R22	3	51	9	43	<.3	32	11	397	3.89	<2	<8	<2	7	34	<.2	<3	<3	79	.67	.095	12	89	1.47	66	.22	<3	2.18	.11	.31	2	<2
JD-00-R23	38	423	11	24	<.3	113	42	146	7.05	<2	8	<2	6	10	<.2	<3	3	53	.14	.033	8	45	.46	46	.15	<3	.79	.07	.21	<2	4
JD-00-R24	1	462	7	39	<.3	131	52	445	4.32	2	<8	<2	<2	25	<.2	<3	<3	234	1.97	.055	3	21	1.08	46	.40	<3	1.46	.22	.13	<2	6
JD-00-R25	3	50	8	38	<.3	40	15	407	3.61	<2	<8	<2	4	27	<.2	<3	<3	76	.49	.059	9	109	1.39	55	.33	3	2.06	.04	.34	<2	<2
JD-00-R26	6	64	11	82	<.3	34	16	430	3.99	<2	<8	<2	4	22	<.2	<3	<3	51	.18	.048	8	62	1.78	127	.13	<3	2.30	.08	1.27	8	3
JD-00-R27	8	38	8	40	<.3	21	6	132	2.76	<2	<8	<2	9	5	<.2	<3	<3	15	.05	.026	20	34	.65	74	.08	12	1.12	.05	.48	<2	<2
JD-00-R28	1	47	10	58	<.3	29	13	410	3.84	3	<8	<2	3	338	.3	<3	<3	48	12.37	.097	7	45	1.21	76	.22	<3	1.26	.03	.72	3	<2
JD-00-R29	6	23	4	3	<.3	12	1	42	1.58	<2	<8	<2	<2	9	<.2	<3	<3	3	.05	.002	1	27	.05	9	.01	<3	.18	.02	.05	<2	<2
JD-00-R30	<1	7	8	6	<.3	5	3	278	.53	3	<8	<2	3	1824	<.2	<3	<3	1	34.35	.033	5	4	.06	19	.02	<3	.19	.01	.08	<2	2
JD-00-R31	7	12	<3	5	<.3	13	2	40	1.73	<2	<8	<2	2	23	<.2	<3	<3	3	.20	.011	3	30	.09	21	.04	<3	.30	.01	.15	<2	<2
JD-00-R32	<1	10	6	4	<.3	12	6	54	.75	16	<8	<2	<2	1266	.2	<3	<3	<1	32.09	.014	2	3	.02	15	.01	<3	.11	.01	.04	2	<2
JD-00-R33	7	7	8	16	<.3	22	4	487	1.29	<2	<8	<2	4	38	<.2	<3	<3	10	.68	.014	6	39	.24	38	.01	<3	.72	.07	.08	<2	<2
JD-00-R34	5	6	3	3	<.3	7	3	52	1.02	2	<8	<2	<2	54	<.2	<3	<3	1	.67	.003	1	27	.04	13	.01	<3	.16	.01	.06	8	<2
JD-00-R35	7	59	12	95	<.3	39	14	906	5.46	5	<8	<2	3	187	.3	<3	<3	98	2.75	.086	7	79	1.59	114	.18	<3	5.57	.25	1.08	2	<2
JD-00-R36	3	140	4	35	<.3	28	32	383	3.35	<2	<8	<2	<2	18	<.2	<3	<3	116	1.77	.192	4	26	.86	40	.31	<3	1.25	.22	.11	<2	<2
STANDARD C3/AU-R	28	67	38	183	5.5	41	12	809	3.55	59	15	3	22	30	23.9	19	23	76	.58	.099	18	174	.63	160	.09	23	1.86	.04	.18	17	478
STANDARD G-2	1	5	3	49	<.3	9	5	568	2.19	2	<8	<2	4	84	<.2	<3	<3	40	.71	.109	8	82	.65	267	.14	3	1.12	.12	.54	<2	<2

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY ICP-ES.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 2 2000 DATE REPORT MAILED: Oct 12/00 SIGNED BY..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data ___ FA ___

ACME ANALYTICAL LABORATORIES (ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Hunter Exploration Group File # A004272 Page 1

860 - 625 Howe St., Vancouver BC V6C 2T6 Submitted by: James M. Dawson

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
JD-00-1	<1	31	6	39	<.3	18	7	122	2.09	<2	<8	<2	12	9	<.2	<3	3	22	.35	.150	37	22	.64	71	.10	<3	1.13	.02	.48	<2	<2
JD-00-2	1	34	<3	22	<.3	13	6	159	1.56	<2	<8	<2	20	10	<.2	<3	3	13	.54	.249	57	16	.34	40	.06	<3	.69	.01	.26	<2	2
JD-00-3	1	5	3	20	<.3	8	4	159	1.37	<2	<8	<2	4	6	<.2	<3	<3	14	.17	.064	12	11	.29	35	.06	<3	.60	.01	.12	<2	3
JD-00-4	<1	19	6	46	<.3	24	9	184	2.02	<2	<8	<2	13	27	.2	<3	<3	17	.86	.142	36	24	.74	62	.09	<3	1.22	.02	.48	<2	2
JD-00-5	<1	18	5	26	<.3	19	7	115	1.37	<2	<8	<2	9	6	<.2	<3	3	8	.21	.084	25	11	.39	31	.05	<3	.61	.01	.27	<2	4
JD-00-6	<1	27	<3	55	<.3	30	11	133	2.25	<2	<8	<2	11	4	<.2	<3	<3	15	.16	.063	28	24	.80	52	.08	3	1.16	.02	.54	<2	2
JD-00-7	<1	27	5	49	<.3	29	11	120	2.08	<2	<8	<2	10	7	<.2	<3	<3	17	.23	.086	29	23	.81	63	.10	<3	1.20	.02	.59	<2	3
JD-00-8	<1	24	12	50	.3	19	10	366	2.58	<2	<8	<2	4	24	.3	<3	<3	37	1.03	.050	16	31	.74	147	.15	3	1.83	.02	.41	<2	<2
JD-00-9	1	30	9	67	.4	31	15	534	3.16	<2	16	<2	5	15	.2	<3	<3	48	.56	.114	12	46	1.33	196	.23	5	2.23	.02	.80	<2	2
JD-00-10	1	26	7	64	<.3	23	13	532	2.99	<2	10	<2	8	15	<.2	<3	<3	44	.51	.096	10	36	1.22	195	.23	3	2.15	.02	.80	<2	3
JD-00-11	1	31	14	87	.4	30	15	746	3.59	2	8	<2	4	20	.2	<3	<3	55	.68	.127	10	49	1.66	246	.25	4	2.63	.02	.83	<2	3
JD-00-12	1	36	8	81	.4	39	17	695	3.59	3	11	<2	5	16	.3	<3	<3	59	.66	.167	11	62	1.49	230	.26	5	2.27	.02	.94	<2	6
JD-00-13	1	19	3	45	.3	21	10	348	2.27	<2	<8	<2	5	13	.3	<3	<3	30	.53	.143	13	27	.82	125	.15	5	1.36	.01	.53	<2	3
JD-00-14	<1	29	7	75	.4	26	13	556	3.62	3	14	<2	4	18	.3	<3	<3	58	.76	.133	11	45	1.43	225	.25	4	2.45	.02	.93	<2	4
JD-00-15	1	25	5	93	.3	21	13	512	3.13	<2	<8	<2	3	14	.3	<3	3	47	.61	.127	5	33	1.23	206	.25	3	2.05	.01	.78	<2	2
RE JD-00-6	<1	28	4	55	<.3	30	11	132	2.26	<2	<8	<2	12	4	<.2	<3	<3	14	.16	.060	31	22	.81	52	.08	<3	1.18	.02	.54	<2	4
JD-00-16	1	40	5	112	.3	93	49	815	3.19	<2	<8	<2	7	18	.5	<3	<3	40	.79	.267	38	37	1.14	161	.17	4	1.97	.02	.69	<2	<2
JD-00-17	1	26	7	64	<.3	26	14	387	2.39	2	<8	<2	4	14	.3	<3	<3	38	.59	.147	12	35	.84	137	.15	<3	1.52	.02	.49	<2	<2
JD-00-18	1	9	4	32	<.3	6	5	302	2.09	<2	<8	<2	13	16	<.2	<3	<3	25	1.19	.462	34	13	.34	59	.09	<3	.63	.03	.30	<2	<2
JD-00-19	<1	8	3	33	<.3	7	5	300	1.54	<2	<8	<2	3	10	.2	<3	<3	23	.54	.141	12	13	.31	43	.10	4	.76	.03	.19	<2	2
JD-00-20	1	14	5	43	.4	7	6	326	2.16	<2	<8	<2	13	16	.2	<3	<3	26	1.13	.441	26	18	.45	83	.11	4	.84	.02	.44	<2	4
JD-00-21	7	7	<3	32	<.3	6	4	205	1.51	<2	<8	<2	4	9	.3	<3	<3	22	.53	.165	15	12	.27	33	.08	3	.62	.03	.16	<2	4
JD-00-22	2	14	7	87	<.3	13	9	479	2.40	<2	<8	<2	4	13	.2	<3	<3	35	.74	.190	12	31	.60	84	.14	5	1.33	.03	.36	<2	4
JD-00-23	<1	17	<3	31	<.3	22	10	210	1.56	<2	<8	<2	5	5	<.2	<3	<3	14	.13	.051	18	15	.36	39	.06	<3	.74	.01	.22	<2	4
JD-00-24	1	58	4	21	<.3	20	8	101	1.52	<2	<8	<2	28	11	<.2	<3	<3	13	.59	.277	69	13	.38	40	.06	<3	.66	.01	.33	<2	3
JD-00-25	1	28	5	30	<.3	17	7	97	2.10	<2	<8	<2	7	6	<.2	<3	<3	25	.23	.113	23	28	.68	94	.11	<3	1.13	.02	.53	<2	2
JD-00-26	1	9	4	20	<.3	10	4	108	1.21	<2	<8	<2	6	6	.2	<3	<3	13	.09	.036	15	15	.24	42	.06	3	.69	.01	.14	<2	3
JD-00-27	<1	17	6	42	<.3	26	10	390	2.05	<2	<8	<2	8	17	<.2	<3	<3	18	.42	.099	38	25	.54	74	.08	3	1.34	.01	.25	<2	2
JD-00-28	<1	42	6	73	<.3	61	22	245	3.23	<2	<8	<2	16	50	.3	<3	3	26	1.00	.127	57	44	1.24	161	.16	3	2.17	.05	.83	<2	3
JD-00-29	<1	47	10	79	.3	40	15	206	3.21	2	<8	<2	17	15	.3	<3	3	28	.36	.115	60	39	1.31	102	.16	5	2.06	.03	.91	<2	5
JD-00-30	<1	12	5	38	<.3	16	6	221	1.81	<2	<8	<2	3	15	<.2	<3	<3	13	.27	.043	18	18	.40	60	.08	4	1.08	.01	.19	<2	3
JD-00-31	<1	7	5	20	<.3	7	7	430	1.57	<2	<8	<2	3	13	<.2	<3	<3	11	.17	.023	10	9	.27	36	.05	<3	.70	.02	.12	<2	2
JD-00-32	<1	4	5	19	<.3	8	3	106	.87	<2	<8	<2	5	11	<.2	<3	<3	21	.32	.113	16	12	.31	30	.03	<3	.65	.01	.11	<2	<2
JD-00-33	<1	31	7	77	<.3	37	32	356	2.31	<2	<8	<2	9	9	.2	<3	<3	21	.35	.125	34	22	.83	82	.12	3	1.33	.01	.47	<2	4
STANDARD C3/AU-S	27	66	36	167	5.5	38	11	782	3.43	58	21	3	22	30	23.4	16	21	77	.58	.094	18	171	.62	152	.09	21	1.86	.04	.18	16	47
STANDARD G-2	1	4	<3	42	<.3	8	4	552	2.11	<2	<8	<2	4	76	<.2	<3	<3	37	.67	.103	7	79	.62	241	.13	<3	1.00	.08	.48	<2	2

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C AU** GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY ICP-ES.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 23 2000 DATE REPORT MAILED: Nov 3/00 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

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
JD-00-34	2	37	8	52	<.3	19	6	160	3.64	<2	<8	<2	17	22	<.2	<3	3	25	.10	.054	47	34	.98	82	.12	<3	1.66	.02	.57	<2	<2
JD-00-35	1	23	<3	39	<.3	33	9	194	2.36	<2	<8	<2	12	14	<.2	<3	<3	15	.22	.094	37	18	.48	58	.08	<3	.99	.01	.32	<2	3
JD-00-36	2	27	13	68	<.3	38	13	383	3.08	2	<8	<2	8	18	.2	<3	<3	21	.33	.085	27	23	.85	88	.11	<3	1.35	.02	.39	<2	2
JD-00-37	2	49	5	43	<.3	26	10	119	2.23	<2	<8	<2	13	6	<.2	<3	<3	19	.34	.147	35	25	.80	73	.11	<3	1.24	.03	.60	<2	2
JD-00-38	<1	13	3	38	<.3	21	9	402	2.00	<2	<8	<2	6	9	<.2	<3	3	14	.19	.068	22	16	.40	63	.08	<3	.95	.01	.25	<2	2
JD-00-39	1	31	8	63	<.3	48	43	2203	3.16	<2	<8	<2	10	10	.3	<3	<3	28	.27	.096	52	34	.71	90	.12	<3	1.75	.01	.42	<2	<2
JD-00-40	1	28	7	47	<.3	23	12	271	3.14	<2	<8	<2	8	9	<.2	<3	<3	27	.15	.074	38	33	.77	71	.10	<3	1.61	.02	.37	<2	9
JD-00-41	<1	29	5	14	<.3	10	5	148	1.62	<2	<8	<2	12	5	<.2	<3	<3	8	.27	.120	28	7	.25	29	.05	<3	.49	.01	.18	<2	32
JD-00-42	<1	12	6	36	<.3	16	10	316	1.76	<2	<8	<2	7	7	<.2	<3	4	15	.16	.058	25	14	.34	52	.07	<3	.82	.01	.18	<2	2
JD-00-43	<1	19	3	37	<.3	22	12	241	1.86	<2	<8	<2	10	6	<.2	<3	<3	15	.28	.118	26	16	.39	42	.07	<3	.81	.01	.26	<2	3
JD-00-44	<1	13	8	61	<.3	11	8	355	2.13	<2	<8	<2	4	13	<.2	<3	<3	32	.61	.146	14	20	.47	70	.12	<3	1.08	.03	.32	<2	<2
JD-00-45	1	21	14	77	<.3	17	11	449	2.88	<2	<8	<2	5	13	.2	<3	<3	39	.46	.108	16	25	.70	103	.16	<3	1.63	.03	.48	<2	2
RE JD-00-45	1	23	14	80	<.3	17	11	475	2.99	<2	<8	<2	5	13	<.2	<3	<3	40	.45	.105	16	28	.73	110	.17	<3	1.70	.03	.50	<2	2
JD-00-46	<1	23	8	71	<.3	18	10	372	2.38	<2	<8	<2	9	14	<.2	<3	<3	39	.70	.209	17	31	.74	125	.14	<3	1.33	.02	.55	<2	2
JD-00-47	<1	19	7	60	<.3	23	12	326	2.31	<2	<8	<2	7	9	<.2	<3	<3	21	.22	.062	22	19	.55	48	.08	<3	1.12	.01	.24	<2	<2
JD-00-48	<1	21	4	37	<.3	21	8	247	1.92	<2	<8	<2	13	11	.2	<3	<3	19	.22	.095	42	20	.55	60	.09	<3	1.02	.01	.38	<2	<2
JD-00-49	1	16	5	41	<.3	22	9	274	2.00	<2	<8	<2	6	10	<.2	<3	<3	22	.21	.072	19	26	.64	78	.10	<3	1.18	.01	.32	2	3
JD-00-50	<1	24	8	46	<.3	27	9	260	2.72	<2	<8	<2	7	10	<.2	<3	<3	21	.17	.051	26	24	.60	60	.08	4	1.18	.02	.38	<2	<2
JD-00-51	1	21	<3	30	<.3	18	8	152	1.71	<2	<8	<2	6	8	<.2	<3	<3	14	.19	.079	17	14	.48	42	.06	<3	.78	.01	.29	<2	<2
JD-00-52	<1	14	<3	41	<.3	20	10	443	1.81	<2	<8	<2	6	8	.2	<3	<3	16	.19	.068	18	17	.37	49	.07	<3	.82	.01	.18	<2	5
JD-00-53	1	15	<3	56	<.3	20	9	304	1.89	<2	<8	<2	6	8	<.2	<3	<3	18	.21	.064	20	23	.54	55	.09	<3	1.09	.01	.25	<2	<2
JD-00-54	<1	12	<3	40	<.3	15	6	326	1.36	<2	<8	<2	5	7	<.2	<3	<3	13	.14	.042	15	14	.33	43	.07	<3	.75	.01	.16	<2	2
JD-00-55	1	15	4	38	<.3	25	10	345	1.89	<2	<8	<2	5	11	<.2	<3	<3	21	.20	.062	19	21	.47	62	.08	<3	1.07	.01	.26	<2	<2
JD-00-56	1	24	5	32	<.3	31	8	154	1.95	<2	<8	<2	11	15	<.2	<3	<3	21	.39	.175	36	34	.52	73	.09	<3	.96	.01	.34	<2	4
JD-00-57	<1	23	7	49	<.3	41	11	353	2.06	<2	<8	<2	6	14	.2	<3	<3	22	.30	.085	30	29	.53	62	.09	<3	1.16	.01	.28	<2	2
JD-00-58	<1	16	6	35	<.3	18	9	385	1.83	<2	<8	<2	5	11	.2	<3	<3	19	.23	.053	20	22	.45	56	.08	3	1.03	.01	.24	<2	2
JD-00-59	1	23	9	54	<.3	22	14	708	3.38	<2	<8	<2	15	14	<.2	<3	3	25	.28	.096	46	28	.62	62	.10	<3	1.48	.01	.23	<2	<2
JD-00-60	1	59	7	81	<.3	64	28	502	3.75	<2	<8	<2	10	13	<.2	<3	3	28	.29	.126	30	36	.89	95	.11	<3	2.13	.03	.49	<2	<2
JD-00-61	1	72	10	71	<.3	38	24	455	4.02	<2	<8	<2	9	22	<.2	<3	<3	26	.33	.100	26	35	.80	89	.12	<3	1.79	.02	.43	<2	<2
JD-00-62	1	13	6	32	<.3	16	8	300	1.80	<2	<8	<2	5	11	<.2	<3	<3	18	.17	.086	19	20	.41	76	.08	<3	1.00	.01	.27	<2	<2
JD-00-63	<1	28	7	121	<.3	24	8	169	2.67	<2	<8	<2	5	13	<.2	<3	<3	26	.23	.079	21	30	.70	91	.13	<3	1.45	.02	.50	2	<2
JD-00-64	2	26	6	119	<.3	23	13	626	3.38	<2	9	<2	4	18	.4	<3	<3	59	.87	.178	10	46	1.09	161	.23	<3	1.90	.03	.67	2	<2
JD-00-65	2	32	16	117	<.3	28	15	795	3.73	<2	13	<2	3	21	.4	<3	<3	71	1.04	.153	9	59	1.23	191	.25	<3	2.18	.03	.71	2	4
JD-00-66	3	33	8	86	<.3	18	12	950	2.93	<2	10	<2	4	21	.5	<3	<3	46	.87	.111	17	36	.81	158	.17	<3	1.81	.02	.53	<2	<2
STANDARD C3/AU-S	27	66	36	166	5.4	38	12	771	3.40	57	22	4	22	30	22.9	16	22	78	.57	.094	18	171	.61	148	.09	19	1.84	.04	.17	15	47
STANDARD G-2	2	3	<3	40	<.3	8	4	514	1.98	<2	<8	<2	4	71	<.2	<3	<3	36	.62	.098	7	73	.57	223	.13	<3	.92	.07	.45	2	<2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data L FA ___

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
JD-00-67	<1	29	17	132	<.3	32	17	928	4.54	<2	<8	<2	2	22	.3	<3	<3	72	1.17	.331	9	57	1.43	201	.26	<3	2.08	.04	1.03	3	<2
JD-00-68	<1	11	4	33	<.3	11	5	319	1.35	<2	<8	<2	7	16	<.2	<3	<3	11	.28	.075	15	17	.92	123	.11	4	1.04	.01	.48	<2	2
JD-00-69	<1	10	5	25	<.3	12	6	286	1.42	<2	<8	<2	11	7	<.2	<3	3	10	.67	.074	14	14	1.07	85	.09	<3	.91	.01	.39	<2	2
JD-00-70	<1	17	5	33	<.3	16	6	164	1.67	<2	<8	<2	6	16	<.2	<3	<3	15	.34	.074	16	16	.51	42	.07	<3	.83	.02	.27	<2	2
JD-00-71	<1	29	5	64	<.3	26	14	336	3.20	<2	<8	<2	3	30	.2	<3	<3	54	.45	.049	8	41	1.41	90	.15	3	1.99	.02	.69	<2	<2
JD-00-72	<1	29	4	43	<.3	24	13	347	2.78	<2	<8	<2	5	19	.2	<3	<3	31	.51	.077	14	24	1.01	62	.09	<3	1.21	.01	.49	<2	2
JD-00-73	<1	30	7	61	<.3	26	13	1084	3.75	<2	<8	<2	4	30	<.2	<3	<3	41	.54	.050	11	29	1.22	118	.11	<3	1.66	.02	.59	<2	<2
JD-00-74	2	39	8	62	<.3	28	16	590	3.38	<2	<8	<2	6	20	<.2	<3	<3	30	.36	.048	22	23	.98	92	.10	5	1.54	.02	.44	<2	2
JD-00-75	<1	37	10	63	<.3	28	15	488	3.14	<2	<8	<2	6	20	<.2	<3	<3	33	.34	.059	12	24	1.06	93	.09	<3	1.40	.02	.53	<2	2
JD-00-76	<1	28	8	56	<.3	24	13	423	2.90	<2	<8	<2	4	21	<.2	<3	<3	39	.69	.074	12	29	1.19	83	.10	<3	1.42	.01	.45	<2	<2
JD-00-77	<1	32	6	55	<.3	28	14	377	2.98	<2	<8	<2	4	21	.2	<3	<3	41	.63	.079	12	32	1.19	76	.11	<3	1.41	.02	.49	<2	3
JD-00-78	<1	13	4	42	<.3	17	6	510	2.23	<2	<8	<2	9	14	<.2	<3	<3	16	.34	.041	12	14	.83	74	.09	<3	1.04	.01	.29	2	84
JD-00-79	<1	22	6	47	<.3	21	9	1003	3.81	<2	<8	<2	4	32	<.2	<3	<3	25	.36	.036	11	21	.73	95	.08	4	1.10	.01	.33	<2	2
JD-00-80	<1	35	8	60	<.3	31	15	366	3.23	<2	<8	<2	5	26	<.2	<3	<3	45	.59	.085	12	38	1.26	88	.13	<3	1.69	.02	.66	<2	2
RE JD-00-80	<1	38	6	63	<.3	33	16	387	3.35	<2	<8	<2	4	28	<.2	<3	<3	48	.62	.091	12	40	1.32	92	.14	<3	1.78	.02	.69	<2	<2
JD-00-81	<1	30	7	68	<.3	38	19	279	2.61	<2	<8	<2	11	12	<.2	<3	<3	26	.32	.084	34	25	.93	68	.12	<3	1.37	.02	.58	<2	<2
JD-00-82	<1	25	7	47	<.3	26	13	204	1.91	<2	<8	<2	9	10	<.2	<3	<3	17	.29	.098	29	17	.60	46	.08	<3	.91	.01	.39	<2	3
JD-00-83	<1	26	6	64	<.3	28	12	432	2.95	<2	<8	<2	6	24	<.2	<3	<3	33	.43	.060	13	30	1.00	55	.14	<3	1.40	.01	.40	<2	2
JD-00-84	<1	32	7	54	<.3	28	16	248	2.26	<2	<8	<2	17	8	<.2	<3	<3	18	.29	.110	35	22	.70	59	.09	<3	1.13	.02	.49	<2	11
JD-00-85	<1	28	10	69	<.3	28	14	533	3.05	<2	<8	<2	5	30	<.2	<3	<3	27	.47	.078	14	28	.87	50	.12	<3	1.28	.01	.35	<2	<2
JD-00-86	<1	45	10	94	<.3	44	29	552	3.95	<2	<8	<2	10	11	<.2	<3	3	47	.19	.090	33	64	1.52	146	.22	<3	2.40	.02	.91	<2	4
JD-00-87	<1	47	5	54	<.3	20	9	113	2.26	<2	<8	<2	26	5	<.2	<3	3	26	.43	.193	65	25	.91	67	.12	<3	1.40	.03	.72	<2	9
JD-00-88	<1	32	8	58	<.3	24	12	1054	3.32	<2	<8	<2	5	21	<.2	<3	<3	29	.36	.049	16	19	.68	95	.07	<3	1.19	.01	.30	<2	3
JD-00-89	<1	20	<3	37	<.3	21	8	205	2.00	<2	<8	<2	8	19	<.2	<3	<3	14	.25	.069	20	16	.50	29	.06	<3	.76	.01	.24	<2	3
JD-00-90	<1	6	6	30	<.3	9	4	288	1.31	<2	<8	<2	2	16	<.2	<3	<3	9	.30	.033	9	9	.29	24	.04	<3	.54	<.01	.10	<2	<2
JD-00-91	<1	19	5	42	<.3	21	9	229	2.12	<2	<8	<2	6	18	<.2	<3	<3	16	.26	.048	15	18	.57	30	.07	<3	.87	.01	.26	<2	<2
JD-00-92	<1	22	9	50	<.3	23	9	232	2.27	<2	<8	<2	6	22	<.2	<3	<3	18	.31	.060	16	21	.68	37	.08	<3	1.03	.01	.31	<2	3
JD-00-93	<1	21	4	55	<.3	22	12	599	2.63	<2	<8	<2	3	15	<.2	<3	<3	20	.25	.032	17	19	.61	49	.06	<3	1.16	.01	.18	2	3
JD-00-94	<1	24	6	47	<.3	25	10	309	2.38	<2	<8	<2	6	21	<.2	<3	<3	17	.35	.066	15	18	.68	34	.09	<3	.99	.01	.32	<2	3
JD-00-95	<1	23	12	67	<.3	28	14	716	2.46	<2	<8	<2	2	15	.3	<3	<3	19	.49	.056	26	16	.63	96	.04	<3	1.05	.01	.13	<2	2
JD-00-96	<1	15	9	51	<.3	19	8	385	2.13	<2	<8	<2	6	16	<.2	<3	<3	11	.27	.060	18	13	.41	26	.05	<3	.74	<.01	.12	<2	<2
JD-00-97	<1	8	4	33	<.3	15	7	1236	2.26	<2	<8	<2	4	20	.2	<3	<3	7	.21	.034	16	11	.33	21	.03	<3	.68	<.01	.06	<2	<2
JD-00-98	<1	10	3	27	<.3	13	4	297	1.26	<2	<8	<2	3	5	<.2	<3	<3	6	.07	.024	10	8	.28	11	.02	<3	.49	<.01	.04	<2	<2
JD-00-99	<1	11	<3	31	<.3	25	6	209	1.81	<2	<8	<2	3	8	<.2	<3	<3	7	.12	.037	16	13	.35	13	.02	<3	.64	<.01	.07	<2	2
STANDARD C3/AU-S	26	63	36	170	5.4	38	11	766	3.35	54	20	3	21	30	22.5	17	21	77	.57	.092	18	168	.60	148	.09	20	1.83	.04	.17	16	49
STANDARD G-2	1	4	<3	43	<.3	8	4	538	2.07	<2	<8	<2	4	77	<.2	<3	<3	39	.64	.102	7	79	.60	238	.13	<3	.95	.08	.48	3	2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA

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
JD-00-100	<1	21	5	40	<.3	22	9	212	1.94	<2	<8	<2	8	9	<.2	<3	<3	12	.22	.083	24	14	.52	33	.06	<3	.80	.01	.27	<2	<2
JD-00-101	<1	11	4	28	<.3	19	6	329	1.48	<2	<8	<2	5	6	<.2	<3	<3	4	.09	.036	13	8	.29	13	.02	<3	.52	<.01	.07	<2	<2
JD-00-102	<1	17	5	33	<.3	22	7	335	1.73	<2	<8	<2	6	8	<.2	<3	<3	7	.14	.045	13	12	.38	21	.04	<3	.62	<.01	.13	<2	<2
JD-00-103	<1	8	5	31	<.3	14	6	583	1.50	<2	<8	<2	5	7	<.2	<3	<3	5	.11	.033	12	9	.27	21	.02	<3	.56	<.01	.06	<2	2
JD-00-104	<1	28	5	37	<.3	24	9	209	1.94	<2	<8	<2	10	8	<.2	<3	<3	10	.23	.072	20	13	.54	65	.06	<3	.78	.01	.31	<2	<2
JD-00-105	<1	14	5	34	<.3	31	8	303	1.77	<2	<8	<2	6	8	.2	<3	<3	4	.09	.035	18	9	.38	16	.01	<3	.69	<.01	.05	<2	18
JD-00-106	<1	16	12	34	<.3	23	7	193	1.80	4	<8	<2	6	10	<.2	<3	<3	4	.15	.040	16	12	.39	11	.01	<3	.74	<.01	.04	<2	<2
JD-00-107	<1	15	5	22	<.3	14	4	99	1.26	<2	<8	<2	4	5	<.2	<3	<3	3	.08	.030	10	7	.27	9	.01	<3	.50	<.01	.04	<2	<2
JD-00-108	<1	11	6	36	<.3	19	5	235	1.70	<2	<8	<2	4	4	<.2	<3	<3	4	.07	.027	12	10	.37	12	.02	<3	.69	<.01	.05	<2	<2
JD-00-109	<1	26	9	67	<.3	39	11	411	3.00	<2	<8	<2	11	8	<.2	<3	<3	8	.10	.042	26	16	.50	9	.01	<3	.91	<.01	.03	<2	2
JD-00-110	<1	13	5	40	<.3	22	7	528	1.84	<2	<8	<2	3	22	<.2	<3	<3	9	.41	.040	18	20	.38	16	.01	<3	.86	.01	.04	<2	<2
JD-00-111	<1	9	4	15	<.3	13	5	206	1.24	<2	<8	<2	6	7	<.2	<3	<3	6	.11	.047	14	9	.17	6	.01	<3	.35	<.01	.01	<2	<2
JD-00-112	<1	11	<3	28	<.3	11	5	271	1.19	<2	<8	<2	5	12	<.2	<3	<3	11	.24	.053	15	13	.56	80	.08	<3	.77	.01	.28	<2	<2
JD-00-113	<1	20	3	42	<.3	22	9	268	2.11	<2	<8	<2	6	13	<.2	<3	<3	16	.34	.076	19	16	.67	47	.07	<3	.90	.01	.33	<2	<2
JD-00-114	<1	28	5	56	<.3	26	13	353	3.00	<2	<8	<2	3	47	.2	<3	<3	49	2.13	.050	8	34	1.34	95	.13	<3	1.79	.02	.63	<2	<2
JD-00-115	2	19	5	29	<.3	16	11	705	2.53	3	<8	<2	7	17	.2	<3	<3	19	.74	.077	20	16	1.04	102	.09	<3	1.24	.01	.36	<2	3
RE JD-00-108	<1	11	3	36	<.3	18	5	235	1.68	<2	<8	<2	5	4	<.2	<3	<3	5	.07	.028	12	11	.37	12	.02	<3	.68	<.01	.05	<2	2
JD-00-116	<1	14	4	39	<.3	18	6	364	1.38	2	<8	<2	4	10	<.2	<3	<3	14	.22	.051	17	14	.44	70	.07	<3	.82	.01	.25	<2	2
JD-00-117	<1	20	5	41	<.3	18	8	269	2.10	<2	<8	<2	8	11	.2	<3	<3	18	.23	.074	20	15	.58	64	.09	3	.89	.01	.36	<2	<2
JD-00-118	1	21	8	43	<.3	24	10	276	2.22	<2	<8	<2	6	16	.2	<3	<3	17	.42	.070	20	15	.67	45	.07	<3	.90	.01	.33	<2	2
JD-00-119	1	18	8	46	<.3	18	8	293	1.84	<2	<8	<2	6	6	.2	<3	<3	17	.24	.064	18	12	.68	63	.08	<3	.93	.01	.33	<2	2
JD-00-120	<1	27	7	50	<.3	23	10	439	2.65	<2	<8	<2	7	20	.3	<3	<3	22	.38	.075	18	18	.72	46	.08	<3	1.03	.01	.28	<2	<2
JD-00-121	<1	16	9	40	<.3	17	8	385	1.90	<2	<8	<2	6	5	.2	<3	<3	16	.28	.064	21	15	.91	80	.09	<3	1.20	.01	.39	<2	<2
JD-00-122	<1	28	7	52	<.3	23	11	534	2.76	<2	<8	<2	6	21	.2	<3	<3	25	.39	.066	18	20	.80	58	.09	<3	1.19	.01	.31	<2	<2
JD-00-123	<1	20	7	65	<.3	42	14	603	2.49	2	<8	<2	5	20	.3	<3	<3	16	.30	.065	25	15	.63	34	.07	<3	1.19	.01	.23	<2	2
JD-00-124	<1	30	7	56	<.3	47	13	720	2.89	<2	<8	<2	7	18	.3	<3	<3	13	.28	.065	32	13	.50	31	.04	<3	.88	.01	.19	<2	3
JD-00-125	<1	21	7	43	<.3	27	9	291	2.36	<2	<8	<2	6	8	<.2	<3	<3	13	.15	.049	20	16	.58	32	.06	<3	.91	.01	.26	<2	3
JD-00-126	<1	25	6	69	<.3	19	9	307	2.52	<2	<8	<2	7	12	.3	<3	<3	25	.22	.060	23	24	1.06	104	.14	3	1.51	.02	.57	<2	2
JD-00-127	1	25	3	56	<.3	17	8	267	2.26	<2	<8	<2	8	15	.3	<3	<3	19	.27	.069	20	21	.94	77	.11	<3	1.24	.01	.46	<2	2
JD-00-128	<1	18	<3	40	<.3	16	8	359	1.85	2	<8	<2	7	13	.2	<3	<3	16	.33	.098	20	12	.60	61	.07	<3	.85	.01	.28	<2	<2
JD-00-129	1	21	10	52	<.3	24	9	296	2.27	2	<8	<2	7	16	.3	<3	<3	20	.33	.064	17	18	.78	73	.09	3	1.09	.01	.38	<2	2
JD-00-130	<1	22	8	57	<.3	58	15	541	2.26	<2	<8	<2	7	14	<.2	<3	3	18	.24	.053	50	16	.55	36	.07	<3	1.01	.01	.24	<2	3
JD-00-131	1	21	3	48	<.3	28	10	290	2.37	<2	<8	<2	7	17	.2	<3	<3	23	.27	.067	20	23	.72	61	.08	3	1.10	.01	.32	<2	4
JD-00-132	<1	21	7	42	<.3	43	10	289	2.15	<2	<8	<2	6	13	<.2	<3	<3	16	.21	.048	23	17	.53	35	.05	<3	.87	.01	.22	<2	3
STANDARD C3/AU-S	26	62	36	167	5.5	38	11	758	3.33	57	25	3	21	30	22.6	15	22	78	.56	.093	18	168	.60	146	.09	22	1.81	.04	.17	16	49
STANDARD G-2	1	3	<3	43	<.3	8	4	542	2.07	<2	<8	<2	4	76	<.2	<3	<3	39	.65	.102	7	76	.60	236	.13	<3	.96	.08	.47	<2	2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

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
JD-00-133	<1	33	6	44	<.3	26	10	281	2.53	<2	<8	<2	9	19	<.2	<3	<3	23	.69	.101	20	25	.90	50	.07	7	1.04	.01	.36	<2	3
JD-00-134	<1	32	3	53	<.3	37	12	281	3.14	2	<8	<2	6	159	<.2	<3	<3	22	3.40	.057	16	28	.92	67	.11	<3	1.44	.02	.62	<2	6
JD-00-135	1	30	3	50	<.3	20	10	489	2.38	2	<8	<2	4	15	.2	<3	<3	33	.37	.073	12	23	.64	70	.08	<3	1.02	.01	.22	<2	<2
JD-00-136	<1	20	6	31	<.3	23	8	181	1.81	3	<8	<2	8	234	<.2	<3	<3	9	4.52	.079	16	16	.42	26	.04	<3	.73	.01	.16	<2	5
JD-00-137	<1	18	<3	44	<.3	22	10	301	2.17	<2	<8	<2	4	14	.2	<3	<3	27	.25	.080	13	29	.59	119	.14	3	1.36	.02	.50	<2	6
JD-00-138	<1	20	<3	41	<.3	20	8	366	2.32	<2	<8	<2	3	21	<.2	<3	<3	30	.36	.080	15	26	.52	126	.14	<3	1.39	.02	.41	<2	12
JD-00-139	<1	10	<3	36	<.3	20	5	172	1.50	<2	<8	<2	3	15	<.2	<3	<3	20	.32	.089	12	21	.49	73	.12	<3	1.05	.01	.37	<2	7
JD-00-140	<1	42	3	146	<.3	74	51	934	4.78	3	<8	<2	2	30	.2	<3	<3	64	.86	.345	13	51	1.39	397	.31	<3	2.77	.03	1.31	2	<2
JD-00-141	1	26	7	53	<.3	17	8	294	2.92	<2	<8	<2	3	7	<.2	<3	<3	40	.10	.054	13	37	.84	136	.21	<3	1.92	.02	.75	<2	4
JD-00-142	<1	31	<3	54	<.3	20	6	261	3.67	<2	<8	<2	5	7	<.2	<3	<3	45	.12	.071	19	46	.88	181	.22	<3	2.34	.02	.74	<2	<2
JD-00-143	1	26	6	45	<.3	18	14	460	2.44	<2	<8	<2	4	6	.2	<3	<3	30	.15	.080	14	27	.64	101	.14	3	1.44	.02	.59	<2	4
JD-00-144	2	48	8	35	<.3	17	17	371	2.29	2	<8	<2	2	17	.3	<3	<3	23	.21	.086	13	25	.25	82	.08	<3	4.07	.02	.17	<2	<2
JD-00-145	2	50	<3	78	<.3	36	22	536	4.15	3	<8	<2	3	22	<.2	<3	<3	55	.41	.171	12	68	1.25	267	.26	<3	2.25	.03	1.09	2	2
JD-00-146	1	29	6	60	<.3	28	12	359	2.41	<2	<8	<2	3	22	.2	<3	<3	38	.41	.098	11	35	.74	140	.16	<3	1.49	.03	.55	<2	<2
JD-00-147	3	17	5	33	<.3	14	6	204	2.27	<2	<8	<2	5	17	<.2	<3	<3	35	.25	.039	14	39	.51	110	.15	<3	1.35	.02	.33	<2	3
JD-00-148	1	21	3	44	<.3	19	12	383	2.37	3	<8	<2	3	23	.2	<3	<3	39	.27	.066	11	35	.54	129	.14	5	1.41	.02	.39	<2	13
JD-00-149	5	49	8	61	<.3	39	12	348	4.54	4	<8	<2	5	23	<.2	<3	<3	72	.21	.109	17	105	1.26	324	.27	<3	2.48	.03	.79	<2	<2
JD-00-150	4	26	<3	42	<.3	32	13	249	2.40	<2	<8	<2	4	17	<.2	<3	<3	41	.27	.065	15	51	.67	127	.16	6	1.45	.02	.46	<2	<2
RE JD-00-150	2	25	<3	39	<.3	31	12	232	2.26	<2	<8	<2	4	16	<.2	<3	<3	40	.27	.069	16	47	.61	118	.15	<3	1.36	.02	.42	<2	<2
JD-00-151	<1	6	3	17	<.3	9	2	135	1.43	<2	<8	<2	6	17	<.2	<3	<3	16	.44	.199	16	16	.34	73	.09	<3	.70	.02	.32	<2	7
JD-00-152	<1	25	7	43	<.3	26	12	310	2.48	<2	<8	<2	3	10	<.2	<3	<3	33	.11	.040	11	32	.69	114	.17	6	1.52	.02	.55	<2	6
JD-00-153	<1	16	<3	44	<.3	18	7	227	2.13	<2	<8	<2	3	12	.2	<3	<3	29	.15	.048	12	26	.64	140	.17	<3	1.41	.02	.56	<2	<2
JD-00-154	1	25	<3	43	<.3	40	11	246	3.18	2	<8	<2	3	16	<.2	<3	<3	42	.24	.055	10	37	.77	139	.20	<3	1.85	.02	.61	<2	11
JD-00-155	<1	40	6	50	<.3	23	10	241	3.20	<2	<8	<2	5	14	<.2	<3	<3	39	.07	.046	15	30	.91	174	.23	<3	1.99	.02	.81	<2	<2
JD-00-156	1	42	5	46	<.3	21	6	178	2.76	2	<8	<2	4	13	.3	<3	<3	38	.06	.039	18	30	.83	149	.23	<3	1.93	.02	.72	<2	<2
JD-00-157	<1	46	10	77	<.3	43	19	374	4.39	5	<8	<2	5	20	.3	<3	<3	56	.10	.057	17	46	1.28	270	.30	<3	3.00	.03	1.12	<2	10
JD-00-158	<1	40	5	24	<.3	24	7	155	2.05	<2	<8	<2	4	12	<.2	<3	12	20	.40	.151	13	23	.50	101	.12	<3	1.01	.03	.50	<2	8
JD-00-159	1	45	10	85	<.3	51	20	357	4.69	2	<8	<2	4	13	.3	<3	<3	48	.14	.051	16	48	1.12	217	.26	5	2.54	.03	.96	<2	3
JD-00-160	1	15	<3	31	<.3	13	5	152	1.73	<2	<8	<2	3	11	<.2	<3	<3	25	.19	.079	10	22	.51	101	.12	5	1.06	.02	.43	<2	4
JD-00-161	<1	19	8	52	<.3	40	13	536	2.71	<2	<8	<2	4	45	.2	<3	<3	30	.55	.074	14	40	.79	69	.13	<3	1.94	.03	.26	<2	<2
JD-00-162	<1	18	9	47	<.3	26	8	261	2.14	<2	<8	<2	3	55	<.2	<3	<3	27	.76	.116	11	32	.61	58	.11	<3	1.59	.03	.24	<2	5
JD-00-163	1	22	8	58	<.3	34	12	445	2.75	2	<8	<2	4	79	.2	<3	<3	37	.89	.116	15	40	.76	61	.12	6	1.87	.03	.20	<2	134
JD-00-164	<1	25	8	85	<.3	42	12	330	2.90	<2	<8	<2	5	108	.2	<3	<3	35	1.04	.115	15	54	1.14	93	.15	<3	2.25	.03	.48	2	4
JD-00-165	1	22	6	48	<.3	18	7	326	1.80	<2	<8	<2	3	22	<.2	<3	<3	23	.37	.072	12	17	.60	64	.09	<3	1.08	.02	.27	<2	3
STANDARD C3/AU-S	26	62	33	166	5.4	37	10	748	3.29	57	18	2	20	28	22.9	16	22	77	.55	.091	17	158	.59	140	.08	22	1.80	.04	.16	17	47
STANDARD G-2	1	2	<3	44	<.3	8	4	547	2.12	<2	<8	<2	4	75	<.2	<3	<3	41	.65	.105	7	78	.61	238	.14	<3	.97	.07	.49	3	<2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Date ___ FA ___

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
JD-00-166	<1	12	10	48	<.3	12	3	263	1.66	<2	<8	<2	3	14	<.2	<3	<3	14	.27	.074	13	14	.42	43	.07	<3	.89	.01	.22	<2	<2
JD-00-167	<1	15	4	29	<.3	21	7	142	1.63	<2	<8	<2	4	12	<.2	<3	<3	19	.32	.098	11	26	.50	68	.09	<3	.98	.01	.34	<2	41
JD-00-168	<1	15	4	42	<.3	17	6	250	1.56	<2	<8	<2	4	22	.2	<3	3	19	.37	.082	12	24	.40	54	.08	4	1.04	.02	.24	<2	<2
JD-00-169	<1	16	5	46	<.3	22	8	302	1.46	<2	<8	<2	3	10	<.2	<3	<3	16	.23	.078	13	21	.37	50	.07	<3	.98	.01	.20	<2	3
JD-00-170	<1	18	6	36	<.3	20	7	201	1.86	<2	<8	<2	5	20	<.2	<3	<3	22	.34	.084	16	23	.51	51	.09	6	1.14	.02	.26	<2	4
JD-00-171	1	35	11	53	<.3	33	12	339	3.03	<2	<8	<2	8	47	<.2	<3	3	29	.61	.114	21	29	.80	70	.11	<3	1.56	.04	.44	<2	3
JD-00-172	<1	29	10	62	<.3	46	14	237	3.22	<2	<8	<2	6	34	<.2	<3	<3	41	.45	.054	20	61	1.17	120	.18	<3	2.63	.04	.75	<2	<2
JD-00-173	<1	16	4	37	<.3	19	6	193	1.74	<2	<8	<2	5	20	<.2	<3	<3	19	.31	.074	13	21	.47	47	.08	4	1.04	.02	.24	<2	<2
JD-00-174	<1	45	6	64	<.3	83	15	305	2.97	<2	<8	<2	6	17	.2	<3	<3	36	.24	.073	21	43	.84	115	.13	<3	2.53	.02	.39	<2	2
JD-00-175	<1	20	6	38	<.3	22	8	277	2.12	<2	<8	<2	3	14	<.2	<3	<3	27	.27	.061	15	28	.54	60	.10	3	1.42	.02	.28	<2	2
JD-00-176	<1	8	<3	12	<.3	11	3	100	.91	<2	<8	<2	3	8	<.2	<3	<3	10	.18	.063	11	11	.18	28	.04	<3	.65	.01	.10	<2	<2
JD-00-177	<1	7	7	27	<.3	7	2	210	1.09	<2	<8	<2	3	10	<.2	<3	<3	11	.27	.076	12	10	.30	28	.05	<3	.65	.01	.15	<2	2
JD-00-178	<1	23	12	67	<.3	40	12	430	3.14	4	<8	<2	6	107	<.2	<3	4	36	.95	.100	15	53	1.14	83	.16	<3	2.58	.04	.43	<2	<2
JD-00-179	<1	29	12	62	<.3	45	14	339	3.51	<2	<8	<2	8	52	<.2	<3	<3	36	.56	.082	22	52	.96	70	.16	3	2.32	.03	.34	<2	<2
JD-00-180	<1	18	8	41	<.3	28	9	283	2.15	<2	<8	<2	4	48	<.2	<3	<3	21	.59	.086	13	30	.64	48	.10	6	1.78	.03	.19	<2	2
JD-00-181	<1	30	7	57	<.3	26	12	464	2.90	<2	<8	<2	6	21	<.2	<3	<3	30	.46	.079	15	36	.82	77	.13	<3	1.83	.02	.35	<2	2
JD-00-182	<1	24	13	62	<.3	33	13	451	2.90	<2	<8	<2	5	11	.2	<3	<3	32	.17	.056	16	30	.61	77	.10	<3	1.79	.01	.21	<2	<2
JD-00-183	<1	31	11	61	<.3	30	9	385	2.37	<2	<8	<2	4	27	.4	<3	<3	34	.46	.063	17	38	.62	82	.12	<3	1.42	.02	.27	<2	3
JD-00-184	<1	39	16	82	<.3	63	23	526	3.43	2	<8	<2	6	28	<.2	<3	<3	39	.42	.072	23	51	.97	132	.15	<3	2.19	.02	.49	<2	<2
JD-00-185	<1	37	11	78	<.3	35	19	483	4.18	2	<8	<2	5	14	<.2	<3	<3	51	.16	.059	14	43	1.32	176	.23	<3	2.73	.02	.80	<2	4
RE JD-00-176	<1	7	5	12	<.3	11	3	105	.93	<2	<8	<2	4	8	<.2	<3	<3	11	.19	.067	11	11	.19	29	.04	4	.68	.01	.10	<2	<2
JD-00-186	<1	19	8	30	<.3	14	7	240	2.21	<2	<8	<2	4	16	<.2	<3	<3	25	.16	.055	14	24	.52	112	.11	<3	1.37	.01	.38	<2	2
JD-00-187	<1	35	8	34	<.3	18	5	221	3.92	<2	<8	<2	4	8	<.2	<3	<3	42	.09	.048	13	45	1.05	201	.23	4	2.19	.03	.78	<2	3
JD-00-188	<1	16	3	38	<.3	16	6	229	2.48	<2	<8	<2	4	9	<.2	<3	<3	36	.12	.041	13	35	.71	128	.16	<3	1.55	.02	.48	<2	<2
JD-00-189	3	14	3	39	<.3	18	8	282	1.98	<2	<8	<2	5	24	<.2	<3	<3	32	.26	.056	18	28	.44	137	.12	<3	1.22	.02	.24	<2	2
JD-00-190	1	20	6	33	<.3	24	10	297	2.10	<2	<8	<2	5	53	<.2	<3	<3	39	.36	.108	22	46	.53	184	.12	3	1.09	.02	.31	<2	<2
JD-00-191	6	46	8	74	<.3	83	24	1178	3.87	4	<8	<2	6	74	<.2	<3	<3	50	.54	.162	22	112	1.05	233	.16	<3	1.91	.02	.44	<2	3
JD-00-192	<1	36	9	80	<.3	44	19	380	3.68	<2	<8	<2	5	37	<.2	<3	<3	49	.31	.102	22	60	1.27	269	.26	<3	2.29	.03	1.05	<2	<2
JD-00-193	<1	12	4	29	<.3	13	6	230	1.85	<2	<8	<2	6	20	<.2	<3	<3	29	.21	.059	23	21	.39	86	.10	<3	.93	.02	.27	<2	<2
JD-00-194	<1	43	19	79	<.3	55	17	451	4.55	5	<8	<2	6	34	<.2	3	<3	57	.17	.078	21	58	1.32	237	.27	<3	3.29	.03	.94	<2	7
JD-00-195	<1	30	13	71	<.3	30	11	268	3.83	3	<8	<2	5	23	<.2	<3	3	48	.13	.066	18	45	1.20	242	.26	<3	2.35	.02	1.07	<2	2
JD-00-196	<1	51	9	89	<.3	45	17	427	4.87	5	<8	<2	6	19	.2	<3	<3	65	.14	.074	20	69	1.59	294	.33	<3	3.06	.04	1.42	<2	<2
JD-00-197	<1	39	11	102	<.3	49	19	456	4.48	3	<8	<2	3	12	.2	<3	<3	64	.16	.064	12	70	1.60	275	.34	<3	3.52	.03	1.40	<2	5
JD-00-198	<1	38	8	69	<.3	40	15	388	3.47	<2	<8	<2	5	10	<.2	<3	<3	44	.16	.067	19	47	1.04	170	.25	3	2.66	.02	.91	<2	<2
STANDARD C3/AU-S	26	62	34	168	5.6	37	11	755	3.33	56	19	3	21	28	22.7	15	22	78	.55	.094	17	166	.59	143	.09	21	1.76	.04	.16	15	51
STANDARD G-2	1	4	7	43	<.3	9	4	556	2.14	<2	<8	<2	4	75	<.2	<3	<3	41	.66	.107	8	79	.62	246	.14	<3	.99	.08	.49	2	<2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data A FA

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
JD-00-199	<1	21	9	40	<.3	22	9	271	2.51	<2	<8	<2	3	20	.2	<3	<3	35	.19	.057	15	34	.65	136	.15	<3	1.74	.02	.50	<2	3
JD-00-200	<1	42	17	93	<.3	49	13	354	3.92	2	<8	<2	4	35	.4	3	<3	51	.21	.061	14	52	1.25	247	.27	<3	2.88	.02	1.00	<2	3
JD-00-201	5	75	8	82	<.3	77	26	489	4.08	3	<8	<2	3	93	.3	<3	<3	74	.59	.084	10	260	1.64	266	.25	<3	2.78	.02	.53	<2	2
JD-00-202	4	15	6	69	<.3	17	9	461	2.27	<2	<8	<2	2	43	.2	<3	<3	36	.34	.042	11	35	.57	135	.15	<3	1.56	.02	.39	<2	3
JD-00-203	3	14	8	31	<.3	9	4	183	1.89	<2	<8	<2	3	27	<.2	<3	<3	34	.26	.056	12	29	.42	86	.12	<3	1.14	.02	.22	<2	<2
JD-00-204	2	11	8	31	<.3	13	6	231	1.77	<2	<8	<2	3	19	<.2	<3	<3	29	.19	.043	14	27	.42	119	.12	<3	1.12	.01	.30	<2	3
JD-00-205	10	32	8	42	<.3	29	9	238	2.74	<2	<8	<2	2	42	<.2	<3	<3	34	.26	.049	12	37	.76	198	.16	<3	1.85	.02	.58	<2	2
JD-00-206	2	33	6	66	<.3	61	64	981	3.50	3	<8	<2	3	22	.4	3	<3	51	.20	.059	12	65	.96	258	.25	<3	2.77	.02	.75	<2	<2
JD-00-207	9	11	8	60	<.3	13	12	806	2.81	<2	<8	<2	<2	13	.3	<3	<3	33	.43	.098	11	25	.54	83	.12	<3	1.26	.01	.28	2	<2
JD-00-208	13	11	4	68	<.3	14	13	2187	3.43	<2	<8	<2	3	20	.4	3	<3	36	.67	.173	14	26	.57	128	.11	<3	1.33	.02	.31	<2	<2
JD-00-209	1	12	8	31	<.3	17	6	227	1.64	<2	<8	<2	3	12	.2	<3	<3	19	.25	.079	13	21	.40	50	.07	3	.96	.01	.17	<2	<2
JD-00-210	<1	14	5	33	<.3	20	7	240	1.80	<2	<8	<2	3	19	.2	<3	<3	22	.29	.084	13	22	.48	69	.09	<3	1.16	.01	.22	<2	4
JD-00-211	<1	18	7	37	<.3	23	9	284	2.31	<2	<8	<2	4	60	.2	<3	<3	34	.79	.301	19	31	.69	91	.11	<3	1.26	.02	.38	<2	<2
JD-00-212	<1	12	4	39	<.3	19	8	289	1.83	<2	<8	<2	2	16	<.2	<3	<3	22	.34	.090	13	21	.43	45	.08	<3	1.07	.01	.16	<2	3
JD-00-213	<1	41	14	101	<.3	44	23	1722	4.15	2	<8	<2	4	218	.4	<3	<3	52	1.44	.197	64	38	1.28	277	.11	3	1.70	.01	.31	2	3
JD-00-214	<1	26	3	22	<.3	20	7	153	1.79	<2	<8	<2	3	25	<.2	<3	<3	23	.65	.275	11	24	.52	117	.12	<3	1.01	.02	.52	<2	3
JD-00-215	<1	64	15	126	<.3	66	26	494	5.00	3	<8	<2	6	17	.2	4	<3	58	.17	.068	17	61	1.50	257	.27	<3	3.61	.03	1.05	<2	3
RE JD-00-214	<1	27	<3	22	<.3	19	7	161	1.83	<2	<8	<2	3	24	<.2	<3	<3	23	.65	.274	12	27	.53	117	.12	<3	1.02	.02	.52	<2	<2
JD-00-216	<1	61	6	90	.5	66	54	562	2.79	<2	<8	<2	<2	15	.2	3	<3	34	.17	.079	10	32	.64	98	.15	<3	2.11	.02	.38	<2	<2
JD-00-217	<1	32	7	79	<.3	38	22	648	3.40	2	<8	<2	3	27	.5	4	<3	45	.29	.074	15	45	.93	202	.20	<3	2.54	.02	.72	<2	<2
JD-00-218	<1	21	6	40	<.3	24	13	334	2.48	<2	<8	<2	4	9	<.2	<3	<3	31	.14	.053	13	32	.74	134	.16	4	1.67	.02	.64	<2	3
JD-00-219	1	44	11	92	<.3	71	53	867	3.84	<2	<8	<2	2	35	.5	3	<3	65	.50	.147	10	90	1.17	257	.23	<3	4.44	.02	.64	<2	3
JD-00-220	1	39	8	165	<.3	104	77	845	2.82	<2	<8	<2	3	27	.3	3	<3	40	.44	.146	21	37	.92	118	.16	<3	1.98	.02	.59	3	2
JD-00-221	<1	27	9	53	<.3	37	15	605	2.97	<2	<8	<2	2	126	.4	<3	<3	47	1.25	.346	29	53	1.09	168	.15	<3	1.76	.02	.47	<2	3
JD-00-222	<1	47	4	86	<.3	75	26	493	4.89	2	<8	<2	3	36	.4	3	<3	83	.34	.097	11	98	1.62	263	.29	<3	3.28	.02	1.13	<2	<2
JD-00-223	<1	28	7	63	<.3	39	14	411	3.34	2	<8	<2	4	95	.4	3	<3	60	.96	.350	25	61	1.22	226	.21	<3	2.23	.02	.80	<2	<2
JD-00-224	<1	36	8	58	<.3	43	15	324	3.23	<2	<8	<2	4	31	.4	<3	<3	51	.44	.150	16	57	1.15	216	.24	<3	2.34	.03	.87	<2	<2
JD-00-225	<1	31	8	66	<.3	48	18	465	3.56	<2	<8	<2	3	30	.4	4	<3	62	.35	.112	11	70	1.37	305	.30	<3	2.72	.02	1.05	<2	4
JD-00-226	<1	15	3	55	<.3	18	8	557	2.20	<2	<8	<2	<2	35	.2	3	<3	34	.40	.084	12	25	.52	136	.14	3	1.45	.02	.33	<2	6
JD-00-227	1	50	10	58	<.3	50	17	242	3.82	<2	<8	<2	5	33	.3	3	<3	61	.65	.268	16	68	1.32	286	.25	<3	2.34	.03	1.17	<2	4
JD-00-228	<1	27	12	57	<.3	40	15	663	3.67	2	<8	<2	5	182	.3	<3	<3	68	1.51	.533	48	60	1.23	210	.16	<3	2.27	.02	.59	<2	5
JD-00-229	<1	11	<3	28	<.3	11	5	237	1.25	<2	<8	<2	6	18	<.2	<3	<3	11	.22	.068	16	14	.65	81	.08	3	.78	.01	.34	<2	3
JD-00-230	<1	25	5	36	<.3	18	9	229	1.91	<2	<8	<2	7	13	<.2	<3	<3	21	.31	.087	19	19	.42	56	.09	<3	.90	.01	.22	<2	<2
JD-00-231	<1	20	8	61	<.3	24	9	182	2.25	<2	<8	<2	8	120	.2	<3	<3	15	2.28	.060	18	23	.79	29	.09	<3	1.31	.01	.32	<2	2
STANDARD C3/AU-S	25	62	32	163	5.1	37	11	761	3.34	59	22	3	20	28	23.1	18	22	77	.54	.096	17	158	.59	145	.08	20	1.81	.04	.16	17	48
STANDARD G-2	1	3	<3	40	<.3	8	3	524	2.03	<2	<8	<2	4	68	<.2	<3	<3	37	.61	.103	6	73	.59	227	.13	3	.95	.07	.46	2	<2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

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
JD-00-232	<1	40	9	80	.3	27	14	535	3.29	2	<8	<2	5	43	<.2	<3	<3	44	.77	.085	15	35	1.31	103	.14	<3	1.87	.02	.64	<2	2
JD-00-233	<1	22	3	29	<.3	17	9	253	2.01	<2	<8	<2	6	100	<.2	<3	<3	23	3.35	.132	14	19	.56	52	.09	<3	.89	.02	.38	<2	3
JD-00-234	1	17	8	37	<.3	13	8	481	1.66	<2	<8	<2	3	16	<.2	<3	<3	18	.42	.060	11	19	.35	47	.08	<3	.95	.01	.17	<2	<2
JD-00-235	<1	33	18	76	<.3	46	15	330	3.58	2	8	<2	6	45	<.2	<3	<3	42	.72	.104	13	56	1.00	109	.20	3	2.44	.03	.56	<2	2
JD-00-236	<1	17	10	51	<.3	28	9	378	2.06	<2	<8	<2	3	22	<.2	<3	<3	22	.36	.068	12	32	.49	78	.10	<3	1.38	.02	.28	<2	4
JD-00-237	<1	24	13	39	<.3	13	7	572	1.90	<2	<8	<2	7	16	<.2	<3	<3	17	.67	.078	14	25	2.25	184	.13	<3	2.39	.03	.70	<2	3
JD-00-238	1	51	9	95	<.3	30	29	374	3.39	<2	<8	<2	13	8	<.2	<3	<3	28	.18	.056	46	37	1.29	106	.17	<3	2.09	.03	.83	<2	<2
JD-00-239	<1	37	6	47	<.3	15	12	367	2.46	<2	<8	<2	4	10	<.2	<3	<3	22	.40	.140	16	10	.28	68	.08	<3	.65	.02	.21	<2	29
JD-00-240	<1	21	<3	37	<.3	19	7	155	1.58	<2	<8	<2	5	6	<.2	<3	<3	25	.21	.052	21	15	.36	54	.10	4	.73	.01	.21	<2	<2
JD-00-241	<1	24	10	92	<.3	18	9	598	2.27	<2	<8	<2	12	13	<.2	<3	3	17	.45	.092	43	23	1.80	238	.14	<3	1.91	.02	.75	<2	2
JD-00-242	<1	8	3	25	<.3	8	4	179	1.01	<2	<8	<2	6	13	<.2	<3	<3	7	.21	.069	15	11	.55	68	.07	4	.61	.01	.30	<2	2
JD-00-243	<1	25	9	68	<.3	16	7	2499	7.23	2	<8	<2	3	39	<.2	<3	<3	51	.49	.051	8	41	1.57	117	.14	<3	2.36	.03	.62	<2	<2
JD-00-244	<1	37	12	53	<.3	33	15	324	2.99	<2	<8	<2	4	17	<.2	<3	<3	37	.37	.072	13	32	1.15	66	.13	<3	1.66	.02	.59	<2	<2
JD-00-245	<1	29	11	104	<.3	35	9	326	3.42	<2	<8	<2	15	15	<.2	<3	<3	20	.18	.038	39	21	.59	73	.12	<3	1.36	.01	.50	<2	<2
RE JD-00-247	<1	10	<3	21	<.3	8	3	72	1.06	<2	<8	<2	7	2	<.2	<3	<3	11	.05	.025	8	11	.21	45	.07	<3	.60	.01	.17	<2	<2
JD-00-246	<1	12	6	37	<.3	12	4	190	1.63	<2	<8	<2	2	12	<.2	<3	<3	18	.19	.041	17	15	.27	85	.07	<3	1.03	.01	.19	<2	2
JD-00-247	<1	10	3	22	<.3	8	3	74	1.07	<2	<8	<2	4	3	<.2	<3	<3	12	.06	.029	8	10	.22	44	.07	<3	.60	.01	.17	<2	<2
JD-00-248	<1	8	9	25	<.3	8	3	117	1.37	<2	<8	<2	<2	5	<.2	<3	<3	15	.05	.046	12	13	.37	49	.07	<3	1.18	.01	.17	<2	<2
JD-00-249	<1	7	3	29	<.3	8	3	141	1.51	<2	<8	<2	<2	7	<.2	<3	<3	14	.10	.037	11	10	.18	63	.05	<3	.67	.01	.12	<2	<2
JD-00-250	<1	6	<3	23	<.3	7	4	204	1.51	<2	<8	<2	2	4	<.2	<3	<3	12	.07	.031	8	9	.20	37	.06	<3	.61	.01	.13	<2	<2
JD-00-250A	<1	18	11	49	.4	22	9	361	2.46	<2	<8	<2	8	131	<.2	<3	<3	13	1.25	.075	21	17	.54	28	.07	3	1.05	.01	.21	<2	2
JD-00-251	<1	17	5	42	<.3	17	8	694	2.24	<2	<8	<2	6	35	<.2	<3	<3	21	.45	.079	15	21	.67	49	.09	<3	1.11	.01	.36	<2	<2
JD-00-252	<1	25	10	63	.3	25	12	876	3.15	<2	<8	<2	6	41	<.2	<3	<3	37	.61	.083	18	33	1.06	99	.15	<3	1.63	.01	.52	<2	2
JD-00-253	<1	32	13	51	<.3	21	10	431	2.65	<2	<8	<2	5	34	<.2	<3	<3	38	.59	.087	16	27	.96	79	.10	<3	1.33	.02	.45	<2	2
JD-00-254	<1	27	14	57	<.3	26	9	269	2.15	<2	<8	<2	5	10	.2	<3	<3	24	.28	.053	18	20	.64	67	.09	3	1.01	.01	.32	<2	3
JD-00-255	<1	17	9	80	<.3	21	12	706	2.79	<2	<8	<2	8	19	<.2	<3	<3	27	.54	.079	17	30	2.29	201	.17	<3	2.84	.03	.79	<2	3
JD-00-256	<1	17	8	54	<.3	17	7	371	2.07	<2	<8	<2	5	45	.2	<3	<3	15	.46	.063	18	18	.53	39	.08	<3	.92	.01	.27	<2	<2
JD-00-257	<1	30	16	79	.3	37	15	769	3.59	<2	<8	<2	9	104	<.2	<3	<3	32	1.09	.144	22	30	.89	56	.14	<3	1.86	.02	.29	<2	3
JD-00-258	<1	17	11	43	<.3	23	10	277	2.48	3	<8	<2	6	152	<.2	<3	3	28	5.01	.101	12	29	.67	38	.11	<3	1.26	.02	.22	<2	2
JD-00-259	<1	24	18	105	<.3	30	12	474	3.27	<2	<8	<2	6	35	.2	<3	3	30	.45	.049	16	34	1.12	48	.14	<3	1.88	.02	.35	2	<2
JD-00-260	<1	16	9	37	<.3	20	7	619	3.84	<2	<8	<2	5	35	<.2	<3	<3	21	.51	.058	15	22	.52	35	.09	<3	1.14	.02	.24	<2	4
JD-00-261	<1	13	6	31	<.3	15	6	219	1.96	<2	<8	<2	4	15	<.2	<3	<3	17	.17	.039	11	17	.46	30	.07	<3	.93	.01	.17	<2	3
JD-00-262	<1	49	11	66	<.3	38	18	432	4.15	<2	<8	<2	5	45	<.2	<3	<3	78	.94	.108	11	55	1.34	109	.16	<3	1.93	.02	.49	<2	<2
JD-00-263	<1	30	14	54	<.3	33	10	294	2.74	2	<8	<2	5	16	<.2	<3	<3	29	.24	.051	15	35	.65	73	.11	<3	1.61	.01	.29	<2	3
STANDARD C3/AU-S	26	63	38	165	5.3	37	11	770	3.38	57	21	2	21	28	23.3	15	22	76	.55	.095	16	164	.60	145	.08	20	1.76	.04	.16	16	48
STANDARD G-2	1	1	6	43	<.3	8	4	547	2.11	<2	<8	<2	4	71	<.2	<3	<3	38	.63	.107	6	79	.61	245	.13	<3	.95	.07	.49	<2	<2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA

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
JD-00-264	<1	7	5	19	<.3	6	2	144	.85	<2	<8	<2	2	9	<.2	<3	<3	9	.18	.028	10	9	.17	29	.06	<3	.50	.01	.09	<2	<2
JD-00-265	<1	13	7	32	<.3	13	6	297	2.03	<2	<8	<2	4	13	<.2	<3	<3	17	.25	.065	15	16	.32	61	.08	<3	.91	.01	.16	<2	<2
JD-00-266	<1	42	11	77	<.3	53	18	593	3.65	<2	<8	<2	7	52	.3	<3	<3	29	.74	.066	34	29	1.06	122	.13	5	2.39	.02	.48	<2	<2
JD-00-267	<1	34	8	45	<.3	20	8	322	1.75	<2	<8	<2	4	12	<.2	<3	<3	23	.38	.055	19	24	.45	72	.11	<3	1.08	.01	.29	<2	2
JD-00-268	<1	29	11	52	<.3	57	28	303	2.23	<2	<8	<2	6	15	<.2	<3	<3	16	.25	.064	17	19	.42	42	.07	<3	1.22	.01	.21	<2	<2
JD-00-269	<1	18	3	41	<.3	15	7	375	1.82	<2	<8	<2	3	12	.2	<3	<3	20	.28	.060	12	16	.46	64	.09	<3	1.01	.02	.30	<2	3
JD-00-270	<1	11	<3	25	<.3	7	4	1040	1.31	<2	<8	<2	4	7	<.2	<3	<3	13	.18	.045	12	9	.21	46	.06	3	.56	.01	.17	<2	<2
JD-00-271	<1	21	10	36	<.3	11	4	155	4.10	<2	8	<2	4	10	<.2	<3	<3	37	.16	.026	14	18	.42	71	.16	4	1.25	.01	.38	<2	2
JD-00-272	<1	34	6	29	<.3	41	14	127	2.90	<2	<8	<2	15	43	<.2	<3	<3	18	1.51	.113	40	29	.66	24	.09	<3	1.25	.01	.22	<2	<2
JD-00-273	<1	12	6	29	<.3	21	6	274	1.75	<2	<8	<2	4	31	<.2	<3	<3	13	.41	.041	13	17	.44	34	.07	<3	.92	.01	.17	<2	2
JD-00-274	<1	13	11	27	<.3	21	6	212	1.80	3	<8	<2	6	36	<.2	<3	<3	12	.47	.093	18	19	.37	33	.06	<3	.85	.01	.12	<2	<2
JD-00-275	<1	14	9	28	<.3	23	7	239	1.94	2	<8	<2	5	25	<.2	<3	<3	12	.25	.068	19	18	.37	31	.06	3	.95	.01	.14	<2	2
JD-00-276	<1	13	9	46	<.3	27	7	493	1.84	<2	<8	<2	3	37	<.2	<3	<3	15	.44	.069	21	18	.34	42	.05	<3	1.05	.01	.14	<2	<2
JD-00-277	<1	10	5	27	<.3	18	7	314	1.54	2	<8	<2	3	18	<.2	<3	<3	10	.23	.049	13	11	.27	27	.04	<3	.65	.01	.10	<2	6
JD-00-278	<1	28	8	39	<.3	42	13	186	2.57	<2	<8	<2	10	16	<.2	<3	<3	18	.16	.040	29	27	.62	46	.08	<3	1.30	.01	.31	<2	<2
JD-00-279	<1	14	9	40	<.3	14	6	371	1.93	<2	<8	<2	2	13	.3	<3	<3	19	.23	.043	12	15	.44	46	.06	<3	.90	.01	.17	<2	<2
JD-00-280	<1	12	6	28	<.3	19	6	258	1.64	2	<8	<2	3	107	.2	<3	<3	12	1.59	.070	10	19	.36	51	.05	<3	.85	.01	.14	<2	<2
JD-00-281	<1	22	6	34	<.3	34	9	188	2.09	<2	<8	<2	7	39	.2	<3	<3	21	.63	.108	22	31	.62	63	.09	<3	1.24	.01	.30	<2	<2
JD-00-282	<1	16	5	32	<.3	24	7	222	1.77	2	<8	<2	4	53	<.2	<3	<3	13	.79	.063	14	23	.50	47	.06	3	.98	.01	.18	<2	<2
JD-00-283	<1	15	6	44	<.3	26	7	194	1.85	8	<8	<2	4	50	.2	<3	<3	10	.53	.157	11	18	.33	30	.04	<3	.82	.01	.14	<2	2
JD-00-284	<1	16	6	31	<.3	25	8	201	1.70	<2	<8	<2	6	118	.2	<3	<3	14	2.25	.054	13	30	.59	64	.08	<3	1.15	.02	.36	<2	3
JD-00-285	<1	16	6	41	<.3	24	7	275	2.22	<2	<8	<2	5	40	<.2	<3	<3	13	.58	.050	16	17	.60	38	.06	<3	1.03	.01	.23	<2	2
RE JD-00-285	<1	19	6	41	<.3	24	8	277	2.26	<2	<8	<2	6	42	<.2	<3	<3	12	.62	.058	18	16	.59	38	.06	<3	1.02	.01	.23	<2	2
JD-00-286	<1	13	9	27	<.3	20	6	188	1.82	5	<8	<2	5	86	<.2	<3	<3	11	1.23	.092	15	18	.35	32	.05	<3	.86	.01	.12	<2	<2
JD-00-287	<1	32	15	77	.3	52	15	484	3.53	7	<8	<2	10	69	.4	<3	<3	32	.82	.105	27	55	1.07	79	.14	<3	2.43	.01	.34	<2	<2
JD-00-288	<1	20	12	59	<.3	30	10	419	2.49	2	<8	<2	6	25	.3	<3	<3	30	.32	.048	17	35	.68	104	.12	<3	1.74	.02	.32	<2	2
JD-00-289	<1	24	6	38	<.3	33	8	137	1.79	<2	<8	<2	3	49	.2	<3	<3	18	3.72	.101	13	33	.54	53	.09	<3	1.21	.02	.35	<2	3
JD-00-290	<1	34	10	68	<.3	42	10	458	4.11	<2	8	<2	6	53	.5	<3	<3	37	.42	.053	21	31	.98	90	.14	<3	2.19	.02	.51	<2	2
JD-00-291	<1	8	<3	21	<.3	6	4	337	.87	<2	<8	<2	<2	6	<.2	<3	<3	14	.18	.027	7	10	.20	32	.06	4	.64	.01	.09	<2	2
JD-00-292	<1	10	16	46	<.3	12	3	298	1.44	<2	21	<2	3	13	<.2	<3	<3	12	.42	.096	11	20	.77	46	.08	<3	1.20	.01	.32	<2	3
JD-00-293	<1	2	3	11	<.3	2	1	256	.45	<2	16	<2	<2	7	.2	<3	<3	5	.14	.029	7	4	.09	22	.02	<3	.30	.01	.06	<2	2
JD-00-294	<1	6	<3	25	<.3	12	3	201	1.03	<2	<8	<2	4	10	<.2	<3	<3	12	.15	.037	15	12	.21	32	.05	<3	.62	.01	.12	<2	<2
JD-00-295	<1	8	<3	23	<.3	13	5	268	1.23	<2	<8	<2	4	10	<.2	<3	<3	14	.14	.044	13	14	.26	48	.06	<3	.73	.01	.18	<2	<2
JD-00-296	<1	11	<3	41	<.3	24	6	250	1.72	<2	<8	<2	3	17	.3	<3	<3	19	.19	.038	12	25	.38	81	.09	<3	1.18	.01	.26	<2	<2
STANDARD C3/AU-S	26	65	37	171	5.3	38	11	776	3.39	57	20	3	21	31	23.6	17	23	75	.59	.096	18	170	.61	149	.09	22	1.85	.04	.17	15	47
STANDARD G-2	1	3	6	43	<.3	9	4	548	2.10	<2	<8	<2	4	77	<.2	<3	<3	36	.67	.105	7	82	.61	241	.14	3	.99	.08	.48	2	2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

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
JD-00-297	<1	11	4	47	<.3	22	8	211	2.53	<2	<8	<2	3	15	<.2	<3	<3	31	.20	.039	12	35	.60	86	.13	<3	1.66	.01	.31	<2	3
JD-00-298	<1	15	<3	44	<.3	30	9	259	2.20	<2	<8	<2	4	18	<.2	<3	<3	25	.28	.070	15	33	.57	91	.12	<3	1.44	.02	.34	<2	3
JD-00-299	<1	10	6	40	<.3	18	7	262	1.52	<2	<8	<2	6	21	<.2	<3	<3	19	.29	.077	20	18	.31	46	.07	<3	.91	.01	.17	<2	2
JD-00-300	<1	14	6	52	<.3	21	9	286	2.17	<2	<8	<2	6	20	<.2	<3	<3	24	.24	.054	17	28	.49	87	.09	<3	1.36	.02	.36	<2	<2
JD-00-301	<1	13	7	50	<.3	22	8	248	1.89	<2	<8	<2	5	64	<.2	<3	<3	23	.54	.087	16	25	.52	67	.09	<3	1.42	.04	.24	2	<2
JD-00-302	<1	12	11	80	<.3	20	8	423	1.95	<2	<8	<2	3	28	.3	<3	<3	25	.38	.078	17	23	.49	85	.07	<3	1.57	.02	.19	<2	3
JD-00-303	<1	53	8	78	<.3	76	18	315	2.97	<2	8	<2	3	57	.2	<3	<3	57	1.08	.162	11	85	1.04	166	.13	<3	1.96	.03	.33	<2	3
JD-00-304	<1	15	13	57	.3	24	9	610	2.12	<2	<8	<2	3	38	.3	<3	<3	27	.39	.056	18	24	.40	83	.07	4	1.60	.01	.17	<2	3
JD-00-305	<1	25	17	129	.4	58	21	713	3.04	<2	<8	<2	2	43	.4	<3	<3	38	.44	.049	23	40	.60	114	.11	<3	2.33	.02	.32	<2	2
JD-00-306	<1	14	14	97	<.3	36	14	684	5.92	2	<8	<2	4	24	.2	<3	<3	31	.24	.048	15	31	.49	77	.08	5	1.83	.01	.21	<2	<2
JD-00-307	<1	25	10	85	<.3	29	10	708	2.57	<2	18	<2	3	54	.3	<3	<3	38	.66	.067	23	34	.62	125	.12	<3	2.08	.03	.31	<2	3
JD-00-308	<1	24	10	88	.3	72	29	315	1.70	<2	14	<2	4	95	<.2	<3	<3	25	1.25	.060	17	48	.55	62	.10	3	1.75	.02	.14	<2	<2
JD-00-309	1	27	7	77	<.3	35	11	374	2.33	2	20	<2	3	75	<.2	<3	<3	39	1.03	.070	14	39	.54	99	.14	<3	1.89	.03	.31	<2	2
JD-00-310	<1	11	4	50	<.3	18	7	447	1.67	<2	<8	<2	2	40	.2	<3	<3	30	.46	.069	15	28	.42	91	.09	<3	1.44	.02	.15	<2	3
RE JD-00-311	<1	22	7	87	<.3	29	10	302	2.34	<2	<8	<2	4	16	.2	<3	<3	37	.25	.069	14	29	.53	120	.13	<3	1.51	.01	.30	<2	3
JD-00-311	<1	20	8	90	<.3	30	11	317	2.45	2	<8	<2	4	17	.3	<3	<3	40	.26	.069	15	31	.55	125	.13	<3	1.58	.01	.32	<2	3
JD-00-312	<1	13	7	51	<.3	16	10	360	1.73	<2	<8	<2	<2	19	<.2	<3	<3	23	.20	.041	13	21	.32	63	.09	<3	1.37	.01	.20	<2	3
JD-00-313	<1	15	10	63	<.3	20	8	353	1.93	<2	<8	<2	2	26	.3	<3	<3	26	.31	.047	15	25	.45	86	.10	<3	1.48	.01	.22	<2	2
JD-00-314	<1	19	12	64	<.3	24	10	396	2.22	<2	<8	<2	6	45	<.2	3	<3	36	.47	.058	19	33	.60	136	.13	<3	2.08	.02	.26	<2	3
JD-00-316	2	13	10	51	<.3	19	7	318	1.69	2	<8	<2	5	39	.3	<3	<3	18	.49	.054	17	22	.37	54	.09	<3	1.40	.01	.12	<2	<2
JD-00-317	<1	14	9	57	.3	20	8	298	2.06	<2	<8	<2	3	14	<.2	<3	<3	22	.22	.040	10	25	.49	56	.10	<3	1.23	.02	.27	<2	<2
JD-00-318	<1	28	27	289	<.3	177	19	612	3.54	2	16	<2	4	29	.5	<3	<3	39	.39	.059	17	45	.83	58	.08	<3	2.20	.01	.26	<2	4
JD-00-319	2	10	10	54	<.3	18	8	550	1.77	<2	<8	<2	4	45	.2	<3	<3	21	.47	.068	15	19	.28	56	.08	<3	1.50	.02	.10	<2	<2
JD-00-319A	<1	16	14	150	.3	33	9	966	2.26	<2	12	<2	3	43	.3	<3	<3	25	.66	.074	17	30	.44	101	.08	<3	1.74	.01	.22	<2	2
JD-00-320	<1	14	16	61	.3	32	7	383	2.14	3	<8	<2	3	39	.2	<3	<3	28	.53	.065	19	27	.43	108	.08	<3	1.81	.01	.18	<2	4
JD-00-321	1	14	8	70	<.3	19	7	373	1.84	<2	<8	<2	2	25	.2	<3	<3	23	.33	.066	13	22	.46	77	.07	<3	1.44	.02	.17	<2	<2
JD-00-322	<1	13	13	82	.3	18	7	320	1.98	<2	<8	<2	4	30	.2	<3	<3	21	.57	.065	17	25	.56	86	.08	3	1.40	.02	.27	<2	3
JD-00-323	<1	12	15	72	<.3	22	8	413	1.94	<2	<8	<2	2	32	.2	<3	<3	24	.38	.064	16	23	.39	96	.06	<3	1.50	.01	.18	<2	2
JD-00-324	<1	18	21	176	<.3	28	10	429	2.59	2	<8	<2	3	29	.5	<3	<3	28	.75	.068	20	35	.89	89	.10	<3	1.79	.02	.27	2	<2
JD-00-325	<1	13	13	65	<.3	21	8	450	1.77	<2	<8	<2	<2	26	.3	<3	<3	24	.36	.061	17	20	.45	82	.06	<3	1.44	.02	.16	<2	4
JD-00-326	<1	16	13	58	<.3	30	10	270	2.57	<2	<8	<2	6	13	<.2	<3	<3	33	.28	.082	15	48	.82	70	.11	<3	1.56	.02	.30	<2	<2
JD-00-327	1	18	18	70	.3	26	10	405	3.23	<2	<8	<2	3	11	<.2	<3	<3	47	.13	.044	14	43	.63	102	.13	4	2.35	.02	.27	<2	3
JD-00-328	1	15	9	39	<.3	19	8	352	2.38	<2	<8	<2	4	13	<.2	<3	<3	45	.20	.053	15	25	.51	117	.12	<3	1.47	.02	.35	<2	2
JD-00-329	1	36	16	85	.3	45	19	931	4.34	3	<8	<2	7	9	.3	<3	<3	48	.14	.052	17	52	1.28	131	.16	4	2.50	.01	.49	<2	5
STANDARD C3/AU-S	27	60	36	170	5.3	37	11	755	3.33	57	22	3	20	29	22.8	15	22	77	.55	.093	17	162	.59	146	.09	21	1.81	.04	.16	16	46
STANDARD G-2	1	2	<3	42	<.3	7	3	523	2.02	<2	<8	<2	3	71	<.2	<3	<3	37	.61	.103	7	74	.58	226	.13	<3	.91	.07	.47	2	<2

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data /- FA ___

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
JD-00-330	<1	17	5	34	<.3	16	8	322	2.35	<2	<8	<2	4	7	<.2	<3	<3	25	.16	.054	10	21	.64	70	.10	4	1.30	.01	.30	<2	<2
JD-00-331	<1	21	7	36	<.3	19	15	628	2.89	<2	<8	<2	4	11	<.2	<3	<3	37	.16	.053	13	28	.59	105	.13	5	1.49	.02	.39	<2	4
JD-00-332	1	30	13	123	<.3	61	25	470	3.39	2	<8	<2	3	12	.3	<3	<3	40	.18	.066	15	37	.69	119	.15	6	2.52	.02	.44	<2	6
JD-00-333	1	16	6	34	<.3	18	7	238	2.25	<2	<8	<2	7	11	<.2	<3	<3	49	.18	.061	17	29	.54	120	.13	<3	1.24	.02	.42	<2	<2
JD-00-334	<1	26	5	56	<.3	46	12	367	2.93	2	<8	<2	6	29	<.2	<3	<3	44	.37	.063	18	54	.79	152	.19	<3	1.86	.02	.47	<2	4
JD-00-335	2	21	5	69	<.3	49	26	358	4.37	<2	<8	<2	6	25	.3	<3	<3	33	.27	.068	20	38	.63	139	.15	3	1.53	.02	.44	<2	4
JD-00-336	<1	13	<3	34	<.3	28	7	190	1.84	<2	<8	<2	4	18	<.2	<3	<3	27	.17	.049	15	30	.57	127	.14	<3	1.20	.02	.40	<2	3
JD-00-337	2	31	6	45	<.3	44	20	321	3.57	<2	<8	<2	6	22	<.2	3	<3	44	.12	.065	22	44	.84	264	.21	<3	1.93	.02	.57	<2	2
JD-00-338	1	15	<3	33	<.3	20	10	424	2.28	<2	<8	<2	9	22	<.2	<3	<3	28	.26	.077	18	28	.48	103	.11	3	1.12	.02	.27	<2	5
JD-00-339	1	37	9	61	<.3	33	18	282	3.64	<2	<8	<2	5	23	.2	<3	<3	51	.26	.056	13	57	.96	130	.21	7	2.10	.03	.52	<2	<2
JD-00-340	<1	20	7	43	<.3	20	6	197	2.70	<2	<8	<2	6	14	<.2	<3	<3	36	.13	.055	17	54	.62	121	.16	<3	1.47	.02	.43	<2	<2
JD-00-341	1	23	8	53	<.3	34	10	268	2.48	<2	<8	<2	4	48	<.2	<3	<3	42	.37	.137	29	60	.91	339	.22	7	1.51	.04	.56	<2	4
JD-00-342	2	46	13	82	<.3	66	37	932	4.77	2	<8	<2	5	31	<.2	<3	<3	65	.25	.113	18	76	1.44	373	.31	5	2.81	.03	1.03	<2	2
JD-00-343	1	26	5	47	<.3	40	16	291	2.37	<2	<8	<2	3	26	<.2	<3	<3	38	.27	.091	17	40	.64	149	.17	<3	1.52	.02	.45	<2	<2
JD-00-344	1	18	3	39	<.3	18	7	270	2.24	<2	<8	<2	4	19	<.2	<3	<3	37	.39	.145	14	35	.58	156	.16	<3	1.41	.02	.43	<2	4
JD-00-345	<1	10	9	63	<.3	9	5	451	1.59	<2	<8	<2	6	56	<.2	<3	<3	26	.43	.104	28	12	.35	52	.04	<3	1.11	.02	.08	<2	2
JD-00-346	<1	14	14	86	<.3	21	10	489	2.22	<2	8	<2	4	36	.2	<3	<3	34	.38	.069	16	28	.49	65	.07	<3	1.39	.02	.13	<2	2
JD-00-347	<1	31	18	111	<.3	37	14	472	3.19	2	<8	<2	7	28	.3	<3	<3	26	.42	.066	20	27	.52	88	.06	<3	1.18	.01	.31	2	3
JD-00-348	<1	9	6	32	<.3	16	5	146	1.45	<2	<8	<2	6	16	<.2	<3	<3	20	.21	.062	16	18	.34	98	.07	<3	.83	.01	.19	<2	4
JD-00-349	<1	10	9	43	<.3	23	5	161	1.57	<2	<8	<2	4	43	<.2	<3	<3	21	.39	.049	14	25	.39	88	.10	3	1.21	.02	.21	<2	5
JD-00-350	1	63	16	147	<.3	63	19	401	3.31	<2	<8	<2	5	67	.7	<3	<3	69	1.06	.228	31	52	.94	267	.14	4	2.29	.02	.44	<2	3
JD-00-351	<1	15	15	64	<.3	43	12	366	2.23	2	<8	<2	2	75	.2	<3	<3	33	.63	.072	14	35	.55	144	.11	<3	2.16	.04	.28	<2	4
JD-00-352	<1	33	17	116	<.3	70	20	318	2.80	<2	<8	<2	4	46	.3	<3	<3	33	.60	.054	24	40	.66	128	.12	4	3.07	.02	.25	<2	2
JD-00-353	<1	37	16	119	<.3	78	18	316	3.69	2	<8	<2	8	52	.2	<3	<3	58	.51	.038	32	84	1.09	156	.16	<3	3.19	.04	.27	<2	4
JD-00-354	<1	7	7	25	<.3	11	6	200	1.70	<2	<8	<2	5	15	<.2	<3	<3	19	.16	.035	14	13	.25	58	.06	4	.86	.01	.07	<2	2
JD-00-355	<1	12	12	135	<.3	15	14	678	2.00	<2	<8	<2	<2	67	.3	<3	<3	22	.58	.064	21	15	.23	105	.06	<3	1.90	.02	.07	2	5
RE JD-00-339	<1	38	7	62	<.3	32	18	288	3.64	<2	<8	<2	5	24	.2	<3	3	51	.26	.058	13	56	.95	134	.21	4	2.13	.03	.52	<2	2
JD-00-356	<1	10	10	35	<.3	16	7	173	2.03	<2	<8	<2	5	32	<.2	<3	<3	24	.24	.038	15	20	.33	82	.07	<3	1.46	.02	.10	<2	3
JD-00-357	<1	5	6	22	<.3	10	3	115	1.14	<2	<8	<2	4	12	<.2	<3	<3	18	.14	.040	10	14	.25	48	.06	<3	.93	.01	.08	<2	2
JD-00-358	<1	14	15	47	<.3	18	6	153	2.51	2	<8	<2	3	14	.2	3	<3	34	.14	.041	14	26	.40	57	.10	<3	2.03	.01	.09	<2	3
JD-00-359	1	35	23	81	<.3	32	14	394	4.15	<2	<8	<2	3	18	<.2	<3	<3	55	.12	.053	13	38	.46	105	.13	<3	2.75	.01	.23	<2	<2
JD-00-360	<1	9	12	52	<.3	18	7	435	1.51	<2	<8	<2	2	12	.3	<3	3	19	.21	.062	12	20	.33	49	.05	<3	.98	.01	.12	<2	<2
JD-00-361	<1	20	3	73	<.3	19	11	421	2.57	<2	<8	<2	3	18	<.2	<3	<3	34	.82	.258	10	32	.77	172	.14	<3	1.33	.02	.53	<2	3
JD-00-362	<1	7	6	23	<.3	7	5	235	1.38	<2	<8	<2	4	11	<.2	<3	<3	17	.59	.201	13	12	.30	50	.07	<3	.57	.02	.21	<2	<2
STANDARD C3/AU-S	25	60	36	170	5.3	37	11	763	3.33	55	20	<2	21	29	22.7	15	22	75	.57	.094	18	162	.60	145	.09	23	1.79	.04	.17	17	48
STANDARD G-2	1	3	4	41	<.3	8	4	547	2.11	<2	<8	<2	5	76	<.2	<3	<3	40	.66	.104	8	80	.61	235	.13	<3	.98	.08	.49	3	3

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA

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
JD-00-363	2	20	<3	50	<.3	20	11	335	2.37	<2	<8	<2	2	18	.2	<3	<3	32	.77	.200	10	34	.86	144	.13	<3	1.40	.02	.47	<2	<2
JD-00-364	1	7	<3	16	<.3	6	3	165	1.19	<2	<8	<2	4	9	<.2	<3	<3	12	.38	.132	11	8	.25	55	.06	10	.51	.01	.20	<2	<2
JD-00-365	1	23	<3	65	<.3	24	12	437	2.74	<2	<8	<2	3	16	.2	<3	<3	34	.73	.197	12	36	.92	150	.14	3	1.50	.02	.60	<2	<2
JD-00-366	1	24	4	74	<.3	28	13	419	2.70	<2	<8	<2	5	18	<.2	3	<3	40	.92	.243	11	39	1.02	164	.15	6	1.50	.02	.66	2	2
JD-00-367	<1	39	<3	21	<.3	55	11	184	1.86	<2	<8	<2	2	30	<.2	<3	<3	34	.57	.204	8	73	.60	57	.09	<3	.73	.01	.30	<2	2
JD-00-368	1	11	4	42	<.3	14	7	790	1.69	<2	<8	<2	3	6	.2	<3	<3	10	.29	.049	12	13	.83	68	.05	<3	1.16	.01	.26	<2	<2
JD-00-369	1	13	7	39	<.3	12	11	1771	1.81	<2	<8	<2	5	5	.5	<3	<3	8	.30	.057	12	11	.78	96	.06	<3	.94	.01	.39	<2	3
JD-00-370	2	16	6	45	<.3	14	12	699	1.82	<2	<8	<2	3	7	.4	<3	<3	11	.29	.072	16	11	.54	64	.04	<3	.98	.01	.23	<2	<2
JD-00-370A	4	20	6	155	<.3	21	14	1853	2.63	2	<8	<2	7	11	.3	<3	<3	13	.19	.045	18	14	.63	66	.05	<3	1.04	.01	.23	3	<2
JD-00-371	3	96	14	87	<.3	46	24	489	5.30	5	<8	<2	11	9	.7	5	<3	34	.18	.062	38	33	.99	63	.07	<3	3.08	.01	.36	<2	2
JD-00-372	<1	25	4	48	<.3	28	13	820	2.57	<2	<8	<2	5	12	.2	<3	<3	20	.26	.058	15	19	.56	47	.04	4	.92	.01	.17	<2	3
JD-00-373	3	21	10	39	.5	27	6	3497	16.88	18	19	<2	6	62	1.5	<3	3	17	.64	.043	30	14	.47	92	.05	10	.66	.01	.27	<2	<2
JD-00-374	1	15	<3	48	<.3	17	9	455	2.16	<2	<8	<2	5	12	<.2	<3	<3	19	.29	.068	17	18	.80	86	.08	<3	1.19	.01	.40	<2	3
JD-00-374A	2	35	6	53	<.3	30	15	300	3.19	2	<8	<2	4	14	.2	<3	<3	58	.45	.076	9	41	1.39	125	.13	<3	1.72	.02	.64	<2	<2
JD-00-375	<1	19	4	41	<.3	22	8	257	2.30	<2	<8	<2	5	18	.2	<3	<3	21	.30	.054	14	20	.63	44	.07	7	1.10	.01	.25	<2	<2
RE JD-00-370	2	16	8	46	<.3	13	12	702	1.82	<2	<8	<2	3	6	.5	<3	<3	11	.28	.065	14	11	.56	65	.05	6	.99	.01	.23	<2	2
JD-00-376	1	19	4	32	<.3	16	8	233	1.91	<2	<8	<2	7	18	<.2	<3	<3	17	.41	.098	17	15	.55	37	.06	7	.79	.01	.23	<2	4
JD-00-377	1	22	8	50	<.3	35	11	317	2.70	2	26	<2	5	62	<.2	<3	<3	31	.78	.086	19	43	.78	71	.13	3	1.85	.03	.36	2	<2
JD-00-378	<1	18	3	37	.3	27	9	238	2.21	<2	<8	<2	5	71	.2	<3	<3	30	.92	.133	16	33	.54	59	.11	6	1.66	.04	.28	<2	2
JD-00-379	<1	30	15	77	.4	57	16	744	4.56	2	9	<2	7	93	.4	<3	<3	40	.88	.093	20	53	1.00	73	.14	<3	2.66	.03	.39	2	2
JD-00-380	<1	18	6	32	<.3	35	9	158	2.35	<2	<8	<2	6	16	.2	<3	<3	26	.24	.057	20	36	.64	63	.11	8	1.62	.02	.36	<2	<2
JD-00-381	5	19	8	110	<.3	15	9	555	2.87	2	<8	<2	4	18	.3	<3	<3	44	.71	.190	17	34	.62	178	.14	8	1.38	.03	.43	2	2
JD-00-382	2	14	<3	36	.3	7	5	308	2.25	<2	<8	<2	16	18	<.2	<3	<3	25	1.31	.551	29	16	.45	90	.10	<3	.74	.02	.46	2	2
JD-00-383	1	15	4	57	<.3	15	8	408	2.62	<2	<8	<2	4	11	.2	<3	<3	36	.55	.140	15	27	.64	90	.14	<3	1.28	.04	.42	<2	5
JD-00-384	2	24	10	57	<.3	16	8	339	3.28	<2	<8	<2	3	8	<.2	<3	<3	43	.31	.070	15	31	.63	67	.15	<3	1.80	.02	.31	<2	3
JD-00-385	2	10	4	47	<.3	8	6	350	1.88	<2	<8	<2	3	12	.2	<3	<3	27	.65	.160	14	17	.40	54	.11	3	.89	.03	.25	<2	2
STANDARD C3/AU-S	29	66	37	167	5.4	39	11	790	3.46	60	19	2	22	31	23.6	16	22	76	.59	.096	19	177	.62	153	.08	20	1.81	.04	.17	16	50
STANDARD G-2	2	3	<3	40	<.3	8	4	551	2.10	<2	<8	<2	4	75	<.2	<3	<3	37	.66	.106	7	79	.61	238	.13	<3	.94	.08	.48	3	3

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ___

APPENDIX C

REFERENCES

REFERENCES

Poulton, T.P. and Simony, P.S.(1980):	Stratigraphy, sedimentology and regional correlation of the Horsethief Creek Group (Hadrynian, Late Precambrian) in the northern Purcell and Selkirk Mountains, British Columbia; Can. Jour. Earth Sci. ,Vol. 17, pp. 1708-1724.
Brown, R.L. et al (1978):	Stratigraphy, facies changes and correlations in the Northern Selkirk Mountains, southern Canadian Cordillera; Can. Jour. Earth Sci., Vol. 15, pp. 1129-1140.
Murphy, D.C. (1990):	Geology of Canoe River map Area (83D), B.C.-Alberta; G.S.C. Open File 2324.
Campbell, R.B. (1967):	Geology-Canoe river, British Columbia; G.S.C. Map 15-1967. lo.
Pell, J. (1984):	Stratigraphy, structure and metamorphism of Hadrynian strata in the southeastern Cariboo Mountains, British Columbia; Unpublished Ph. D. thesis, University of Calgary.
McDonough,M.R. and Murphy, D.C. (1994):	Geology and structure cross sections, Valemount, British Columbia; G.S.C. Map 1843A.
British Columbia Department of Mines and Energy:	MINFILE; Quadrangle 83 D.

83 D EDITION 2 Canada ÉDITION 2 83 D

Military users, refer to this map as: Référence de cette carte pour usage militaire: SERIES A 502 SÉRIE MAP 83 D CARTE EDITION 2 MCE EDITION

CANOE RIVER

BRITISH COLUMBIA ALBERTA
COLOMBIE-BRITANNIQUE ALBERTA

Produced by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. Compiled from large scale maps. Information current as shown in diagram. Published in 1986.

Copies may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, or your nearest map dealer.

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Surveys and Mapping Branch, Ottawa.

Pour tous renseignement concernant les repères et bornes altimétriques, s'adresser aux levés géodésiques, Direction des levés et de la cartographie, Ottawa.

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Mise à jour à l'aide de cartes à grande échelle. Renseignements à jour tels qu'indiqués au diagramme. Publiée en 1986.

Ces cartes sont en vente au Bureau des Cartes du Canada, ministère de l'Énergie, des Mines et des Ressources, Ottawa, ou chez le vendeur le plus près.

1980
1979
1978

Updated for all major features using satellite imagery obtained in 1983.

Les principales caractéristiques ont été mises à jour à l'aide des images prises par satellite en 1983.

Roads: Routes:

	dual highway / double chaussée / 2 lanes	more than 2 lanes / plus de 2 voies / less than 2 lanes
hard surface / revêtement dur		
hard surface / revêtement dur	2 voies	moins de 2 voies
loose or stabilized surface, all weather / gravier, agglomeré, toute saison	2 lanes or more / 2 voies ou plus	less than 2 lanes / moins de 2 voies
loose surface, dry weather / de gravier, temps sec		
cart track / de terre		
trail, cut line or portage / sentier, percée ou portage		

FOR COMPLETE REFERENCE SEE REVERSE SIDE POUR UNE LISTE COMPLETE DES SIGNES, VOIR AU VERSO

Scale 1:250 000 Échelle

Miles 5 0 5 10 15 20 Miles
Kilometres 5 0 5 10 15 20 25 30 Kilomètres

Magnetic declination 1985 varies from 22°36' easterly at centre of west edge to 22°04' easterly at centre of east edge. Mean annual change decreasing 14.1'.

En 1985, la déclinaison magnétique varie vers l'est de 22°36' au centre du bord ouest à 22°04' au centre du bord est. La variation annuelle moyenne décroît de 14.1'.

CONVERSION SCALE FOR ELEVATIONS
Metres 30 20 10 0 50 100
Feet 100 50 0 100 200 300 400 500

ÉCHELLE DE CONVERSION DES ALTITUDES
150 200 250 300 Mètres
600 700 800 900 1000 Pieds

CONTOUR INTERVAL 500 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 500 PIEDS
Altitudes en pieds
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

TEN THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE UNIVERSEL TRANSVERSE DE MERCATOR
DE DIX MILLE MÈTRES

GRID ZONE DESIGNATION / DÉSIGNATION DE LA ZONE DU QUADRILLAGE: 11 U

100 000 m SQUARE IDENTIFICATION / IDENTIFICATION DU CARRÉ DE 100 000 m: KJ LJ MJ / KH LH MH / 3 4 / 58

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 1000 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE POUR FIXER DES REPÈRES À 1000 MÈTRES PRÈS

NU NT / 1 0 9 / 2 3 4 5

REFERENCE POINT / POINT DE REPÈRE: CHURCH · ÉGLISE (as above / ci-dessus)

SQUARE. Read letters of 100 000m square / CARRÉ. Lire les lettres du carré de 100 000m: NU

EASTING. Read number on grid line immediately to left of point. / ABSCISSE. Noter le chiffre de la ligne du quadrillage immédiatement à gauche du repère. Estimate tenths of a square from this line eastward to point. / Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction est: 4 / 5 / 45

NORTHING. Read number on grid line immediately below point. / ORDONNÉE. Noter le chiffre de la ligne du quadrillage immédiatement en dessous du repère. Estimate tenths of a square from this line northward to point. / Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction nord: 0 / 4 / 04

GRID REFERENCE / RÉFÉRENCE AU QUADRILLAGE: NU4504

If reporting beyond 18° in any direction, prefix Grid Zone designation as: 14VNU4504
Si vous faites connaître votre position a quelqu'un qui se trouve a plus de 18° peu importe la direction, indiquez également la zone du quadrillage tel que 14VNU4504

Index to adjoining Maps of the National Topographic System
Tableau d'assemblage du Système national de référence cartographique

93 H	83 E	83 F
93 A	83 D	83 C
92 P	82 M	82 N

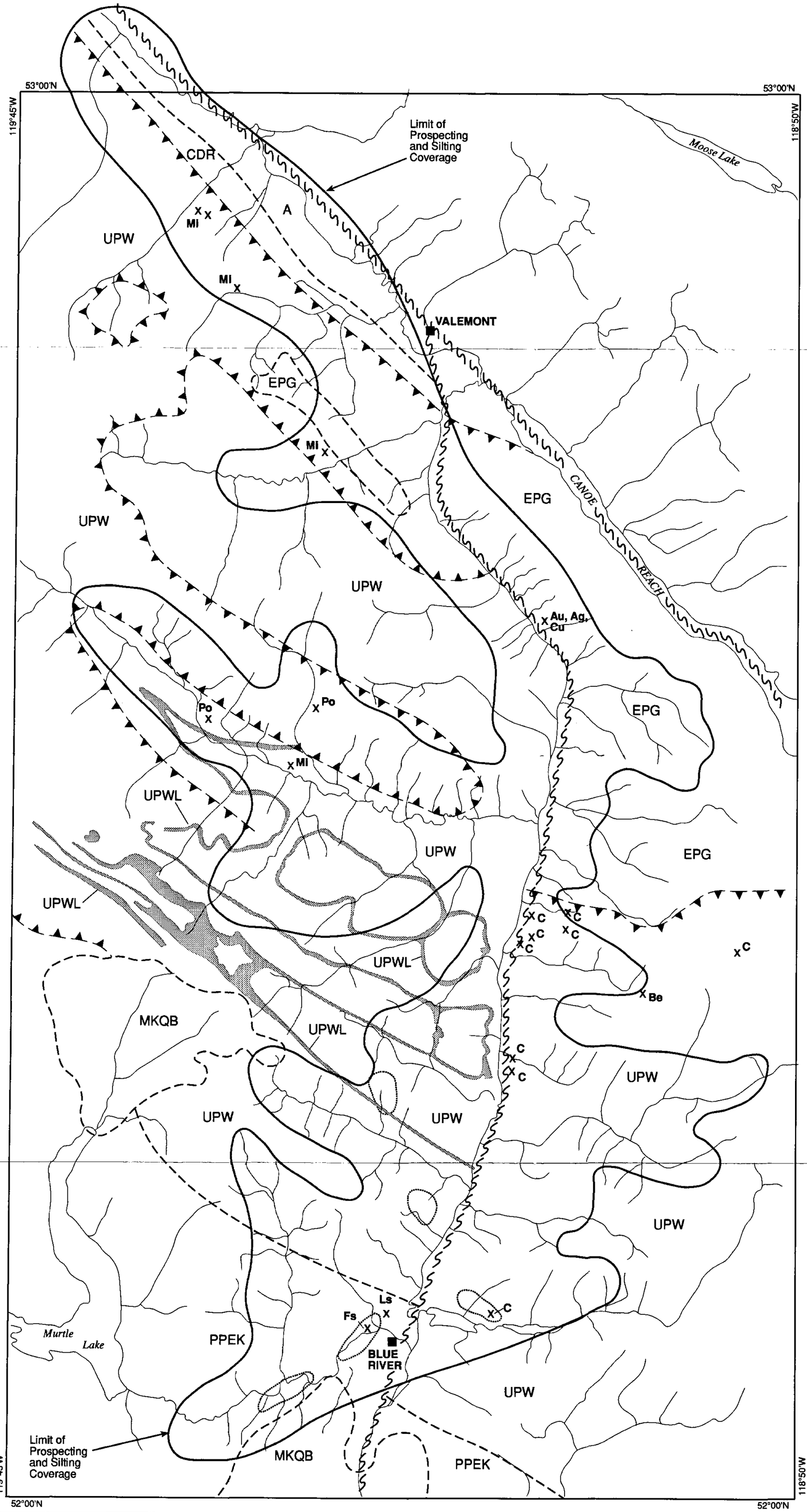
122° 116° 54° 51°

FIG: 705-3

00-34 ①

CANOE RIVER
83 D
EDITION 2 ÉDITION

Energy, Mines and Resources Canada Énergie, Mines et Ressources Canada



A — Alluvium

MKQB — Mid-Cretaceous
Quartz monzonite, granite and granodiorite

CDR — Cambian
Silty gray limestone and calcarious phyllite

PPEK — Upper Proterozoic - Paleozoic
Quartzite, biotite-chlorite schist and gneiss, granitic gneiss

UPW — Upper Proterozoic - Windermere Supergroup
Quartzite, quartz-feldspar-biotite schist and gneiss, chlorite-biotite schist, chlorite and graphitic phyllite, amphibolite

UPWL — Massive gray weathering marble, sandy marble and calcarious grit

EPG — Lower Proterozoic Leucocratic
Paragneiss and orthogneiss

Pegmatite dike swarm

High angle fault

Thrust fault - teeth on upper plate

Geological contact

X — Mineral occurrence

MI — Mica

Po — Pyrrhotite

Au — Gold

Ag — Silver

Cu — Copper

Be — Berylium

Fs — Feldspar

Ls — Limestone

C — Carbonatite layers and 'sills' - contain niobium, tantalum, uranium, phosphate and rare earths

0 5 10 15 km

00-34 (2)

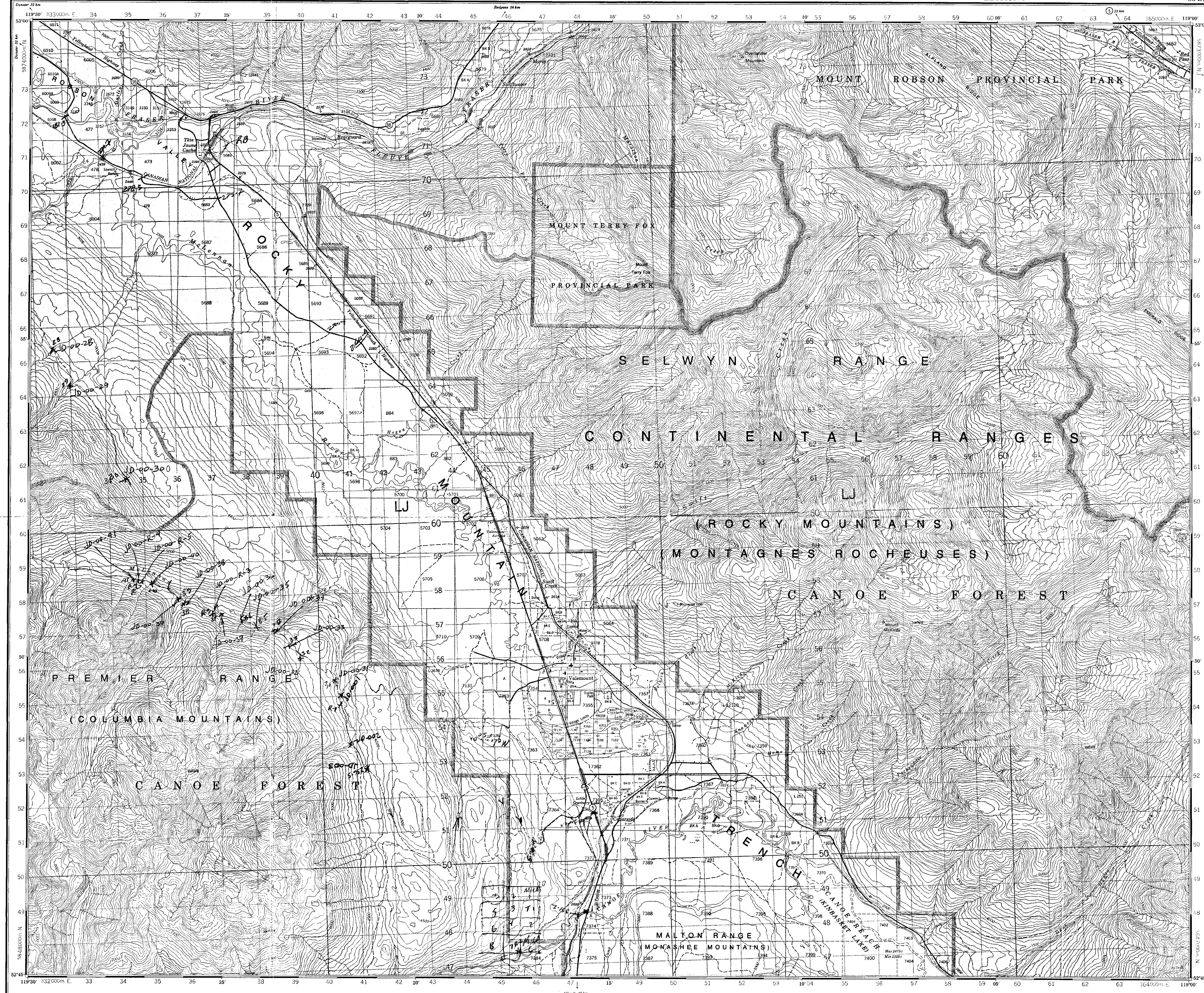
GEOLOGY & MINERAL OCCURRENCES

CANOE RIVER PROJECT AREA
BRITISH COLUMBIA

TECH WORK BY JMD	SCALE 1:250,000
DRAWN BY JMD/XY3	DATE DECEMBER, 2000
APPROVED BY J.M. DAWSON, P.ENG	DWG NO. 705-2

83 D/14 EDITION 3 Canada ÉDITION 3 83 D/14

VALEMOUNT
83 D/14
EDITION 3 ÉDITION



PRODUCED BY THE SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. UPDATED FROM AERIAL PHOTOGRAPHS TAKEN IN 1976. CULTURE CHECK 1978. PUBLISHED IN 1986.

THIS MAP WAS COMPARED WITH SATELLITE IMAGERY OBTAINED IN 1983 AND FOUND TO BE UP-TO-DATE IN ALL MAJOR FEATURES.

COPIES MAY BE OBTAINED FROM THE CANADA MAP OFFICE, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA, OR YOUR NEAREST MAP DEALER.

Roads:	Routes:		
hard surface, all weather	pavée, toute saison	dual highway / 2 chaussées séparées	more than 2 lanes / plus de 2 voies
hard surface, all weather	pavée, toute saison	2 lanes / 2 voies	less than 2 lanes / moins de 2 voies
loose or stabilized surface, all weather	gravier, aggloméré, toute saison	2 lanes or more / 2 voies ou plus	less than 2 lanes / moins de 2 voies
loose surface, dry weather	de gravier, temps sec		
unclassified streets	rues hors classe		
cart track	de terre		
trail, cut line or portage	sentier, percée ou portage		

FOR COMPLETE REFERENCE SEE REVERSE SIDE POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

VALEMOUNT

CARIBOO LAND DISTRICT

BRITISH COLUMBIA COLOMBIE-BRITANNIQUE

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Milles

Metres 1000 0 1000 2000 3000 4000 Mètres

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Surveys and Mapping Branch, Ottawa.

Pour tous renseignement concernant les repères et bornes altimétriques, s'adresser aux levés géodésiques, Direction des levés et de la cartographie, Ottawa.

CONVERSION SCALE FOR ELEVATIONS ÉCHELLE DE CONVERSION DES ALTITUDES

Metres 30 20 10 0 50 100 150 200 250 300 Mètres

Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Pieds

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. MISE À JOUR À L'AIDE DE PHOTOGRAPHIES AÉRIENNES PRISES EN 1976. VÉRIFICATION DES OUVRAGES EN 1978. PUBLIÉE EN 1986.

ON A COMPARÉ CETTE CARTE AUX IMAGES PRISES PAR SATELLITE EN 1983; NOUS AVONS CONSTATÉ QUE TOUTES SES CARACTÉRISTIQUES PRINCIPALES ÉTAIENT À JOUR.

CES CARTES SONT EN VENTE AU BUREAU DES CARTES DU CANADA, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA, OU CHEZ LE VENDEUR LE PLUS PRÈS.

00-34 (3)

VALEMOUNT
83 D/14
EDITION 3 ÉDITION

Energy, Mines and Resources Canada Énergie, Mines et Ressources Canada

83 D/11 1:50 000 **CANADA** EDITION 2 83 D/11

CANOE MOUNTAIN
BRITISH COLUMBIA

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 Mètres
Yards 1000 0 1000 2000 3000 4000 Verges

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence géodésique nord américain, 1927
Projection transverse de Mercator

CONVERSION SCALE FOR ELEVATIONS
Metres 30 20 10 0 50 100 150 200 250 300 Mètres
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Pieds

ÉCHELLE DE CONVERSION DES ALTITUDES

Information concerning location and precise elevation of bench marks can be obtained by writing to the Geodetic Survey, Surveys and Mapping Branch, Ottawa.

On peut obtenir des renseignements sur le lieu et l'altitude exacte des repères de nivellement en écrivant aux Levés géodésiques, Direction des levés et de la cartographie, Ottawa.

Produced by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. Updated from aerial photographs taken in 1976. Culture check 1978. Published in 1980.

Copies may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, or your nearest map dealer.

Roads: Routes:

	dual carriageway	more than 2 lanes
hard surface, all weather ..... pavée, toute saison	2 chaussées séparées	plus de 2 voies
	2 lanes	less than 2 lanes
	2 voies	moins de 2 voies
loose or stabilized surface, all weather . gravier, aggloméré, toute saison	2 lanes or more	more than 2 lanes
	2 voies ou plus	plus de 2 voies
loose surface, dry weather ..... de gravier, temps sec		
ur classified streets ..... rues non classe		
cart track ..... de terre		
trail, cut line or portage ..... sentier, percée ou portage		

FOR COMPLETE REFERENCE SEE REVERSE SIDE POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

Military users, refer to this map as: Référence de cette carte pour usage militaire: SERIES A 721 SÉRIE; MAP 83 D/11 CARTE; EDITION 2 MCE ÉDITION

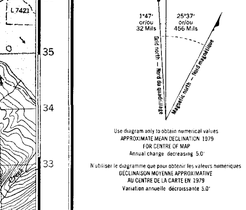
GLOSSARY GLOSSAIRE

Airfield ..... Terrain d'aviation
Arena ..... Arena
City Limits ..... Limites de ville
Customs ..... Douane
Ditch ..... Fossé
Dugout ..... Abreuvoir
Dump ..... Dépotoir
Fertilizer Plant ..... Usine de fertilisation
Gas ..... Gaz
Golf Course ..... Terrain de golf
Junk Yard ..... Ferraille
Kiln ..... Four
Lookout ..... Belvédère
Mine Waste ..... Déblai de mine
Oil Wells ..... Puits de pétrole
Park ..... Parc
Ruin ..... Palinerie
Senior Citizens Home ..... Foyer de l'âge d'or
Ski Area ..... Station de ski
Strip Bog ..... Fondrière à filaments
Surveyed Line ..... Ligne arpentée
Tank ..... Réservoir
Water ..... Eau
Winter Road ..... Chemin d'hiver

For a complete glossary see reverse side
Pour un glossaire complet, voir au verso

ABBREVIATIONS ABRÉVIATIONS

Aband. ..... Abandoned ..... Abandonné, ée
C. ..... Cemetery ..... Cimetière
CO. ..... County ..... Comté
E. ..... Elevator ..... Élévateur
Fy. ..... Ferry ..... Traversier
IR. ..... Indian Reserve ..... Réserve indienne
H. ..... Hospital ..... Hôpital
L. ..... Lot ..... Lot
Micro. ..... Microwave ..... Micro-ondes
Mun. ..... Municipality ..... Municipalité
P. ..... Post Office ..... Bureau de poste
PH. ..... Power House ..... Centrale électrique
RCMP. ..... Royal Canadian Mounted Police ..... Gendarmerie Royale Canadienne
Res. ..... Reservoir ..... Réservoir
Trans Sta. ..... Transformer Station ..... Poste de transformateurs
TFL ..... Tree Farm Licence ..... Licence de sylviculture



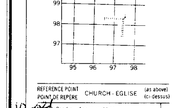
Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1979
FOR CENTRE OF MAP
Annual change decreasing 3.0'

N'utiliser le diagramme que pour obtenir les valeurs numériques
DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1979
Variation annuelle décroissante 3.0'

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE DE MILLE MÈTRES
TRANSVERSE UNIVERSEL DE MERCATOR

GRID ZONE DESIGNATION / DÉSIGNATION DE LA ZONE DU QUADRILLAGE	100 000 M SQUARE IDENTIFICATION / IDENTIFICATION DU CARRÉ DE 100 000 M
11U	LJ

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE POUR FAIRE DES RÉFÉRES À 100 MÈTRES PRÈS



REFERENCE POINT / POINT DE REPÈRE: CHURCH · ÉGLISE (at above / ci-dessus)

EASTING: Read number on grid line immediately to left of point
ABSCISSE: Noter le chiffre de la ligne du quadrillage immédiatement à gauche du repère 97
Estimate tenths of a square from this line eastward to point
Estimer le dixième de divisions du carré entre cette ligne et le repère en direction est 5
GRID REFERENCE 975

NORTHING: Read number on grid line immediately below point
ORDONNÉE: Noter le chiffre de la ligne du quadrillage immédiatement en dessous du repère 98
Estimate tenths of a square from this line northward to point
Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction nord 4
GRID REFERENCE 984
RÉFÉRENCE AU QUADRILLAGE 9754984

Nearest similar grid reference (100 000 metres (about 62 miles))
La prochaine référence semblable est à 100 000 mètres (environ 62 milles)

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Mise à jour à l'aide de photographies aériennes prises en 1976. Vérification des ouvrages en 1978. Publiée en 1980.

Ces cartes sont en vente au Bureau des Cartes du Canada, ministère de l'Énergie, des Mines et des Ressources, Ottawa, ou chez le vendeur le plus près.

TABLEAU D'ASSEMBLAGE DU SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE

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00-34 (9)

CANOE MOUNTAIN
83 D/11
EDITION 2

83 D/6 | 1:50 000 | CANADA | EDITION 2 | 83 D/6

Military users, refer to this map as:	SERIES A 721 SÉRIE
Référence de cette carte pour usage militaire:	MAP 83 D/6 CARTE
	EDITION 2 MCE EDITION

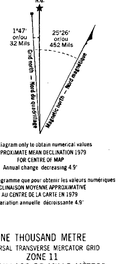
GLOSSARY GLOSSAIRE

Airfield	Terrain d'aviation
Arena	Arena
City Limits	Limites de ville
Customs	Douane
Ditch	Fossé
Dugout	Abreuvoir
Dump	Dépotoir
Filtration Plant	Usine de filtration
Gas	Gaz
Golf Course	Terrain de golf
Junk Yard	Ferraille
Kiln	Four
Lookout	Belvédère
Mine Waste	Déblai de mine
Oil Wells	Puits de pétrole
Park	Parc
Rink	Patinoire
Senior Citizens Home	Foyer de l'âge d'or
Ski Area	Station de ski
Skiing Rog	Fondrière à filaments
Surveyed Line	Ligne arpentée
Tank	Réservoir
Water	Eau
Winter Road	Chemin d'hiver

For a complete glossary see reverse side
Pour un glossaire complet, voir au verso

ABBREVIATIONS ABRÉVIATIONS

Aband. Abandoned	Abandonné, ée
C. Cemetery	Cimetière
CO. County	Comté
E. Elevator	Élévateur
Fy. Ferry	Traversier
IR. Indian Reserve	Réserve indienne
H. Hospital	Hôpital
L. Lot	Lot
Micro. Microwave	Micro-ondes
Mun. Municipality	Municipalité
P. Post Office	Bureau de poste
PH. Power House	Centrale électrique
RCMP. Royal Canadian Mounted Police	Gendarmerie Royale Canadienne
Res. Reservoir	Réservoir
Trans Sta. Transformer Station	Poste de transformateurs
TFL. Tree Farm Licence	Licence de sylviculture



Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1979
FOR CENTRE OF MAP
Annual change decreasing 4.9'

N'utiliser le diagramme que pour obtenir les valeurs numériques
DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1979
Variation annuelle décroissante 4.9'

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE DE MILLE MÈTRES
TRANSVERSE UNIVERSEL DE MERCATOR

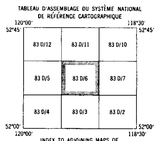
GRID ZONE DESIGNATION DESIGNATION DE LA ZONE DU QUADRILLAGE	100 000 m SQUARE IDENTIFICATION IDENTIFICATION DU CARRÉ DE 100 000 M
11 U	LJ / LH / 58

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE POUR FIXER DES RÉPÈRES À 100 MÈTRES PRÈS

REFERENCE POINT POINT DE REPÈRE	CHURCH - ÉGLISE (as above) (ci-dessus)
EASTING: Read number on grid line immediately to left of point	
ABSCISSE: Noter le chiffre de la ligne du quadrillage immédiatement à gauche du repère	97
Estimate tenths of a square from this line eastward to point. Estimer le nombre de dixièmes de carré entre cette ligne et le repère en direction est:	5
	975
NORTHING: Read number on grid line immediately below point	
ORDONNÉE: Noter le chiffre de la ligne du quadrillage immédiatement en dessous du repère:	98
Estimate tenths of a square from this line northward to point. Estimer le nombre de dixièmes de carré entre cette ligne et le repère en direction nord	4
GRID REFERENCE:	984
RÉFÉRENCE AU QUADRILLAGE:	979984

Nearest sum on grid reference 100 000 metres (about 62 miles)
La prochaine référence semblable est à 100 000 mètres (environ 53 milles)

TABLEAU D'ASSEMBLAGE DU SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE



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LEMPRIERE
83 D/6
EDITION 2

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Copies may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, or your nearest map dealer.

Roads:	Routes:		
hard surface, all weather	pavée, toute saison	2 lanes / 2 chaussées séparées	more than 2 lanes / plus de 2 voies
hard surface, all weather	pavée, toute saison	2 lanes / 2 voies	less than 2 lanes / moins de 2 voies
loose or stabilized surface, all weather	gravier, aggloméré, toute saison	2 lanes or more / 2 voies ou plus	less than 2 lanes / moins de 2 voies
loose surface, dry weather	de gravier, temps sec		
unclassified streets	rues hors classé		
cart track	de terre		
trail, cut line or portage	sentier, percée ou portage		

FOR COMPLETE REFERENCE SEE REVERSE SIDE — POUR UNE LISTE COMPLÈTE DES SIGNES VOIR AU VERSO

LEMPRIERE

KAMLOOPS DIVISION OF YALE LAND DISTRICT

BRITISH COLUMBIA

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 Metres
Yards 1000 0 1000 2000 3000 4000 Verges

Information concerning location and precise elevation of bench marks can be obtained by writing to the Geodetic Survey, Surveys and Mapping Branch, Ottawa.

On peut obtenir des renseignements sur le lieu et l'altitude exacte des repères de nivellement en écrivant au Levés géodésiques, Direction des levés et de la cartographie, Ottawa.

CONVERSION SCALE FOR ELEVATIONS

Metres 20 20 10 0 50 100
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Feet

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉCHELLE DE CONVERSION DES ALTITUDES

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence geodesique nord-américain, 1927
Projection transverse de Mercator

Établi par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Mise à jour à l'aide de photographies aériennes prises en 1976. Vérification des ouvrages en 1978. Publiée en 1980.

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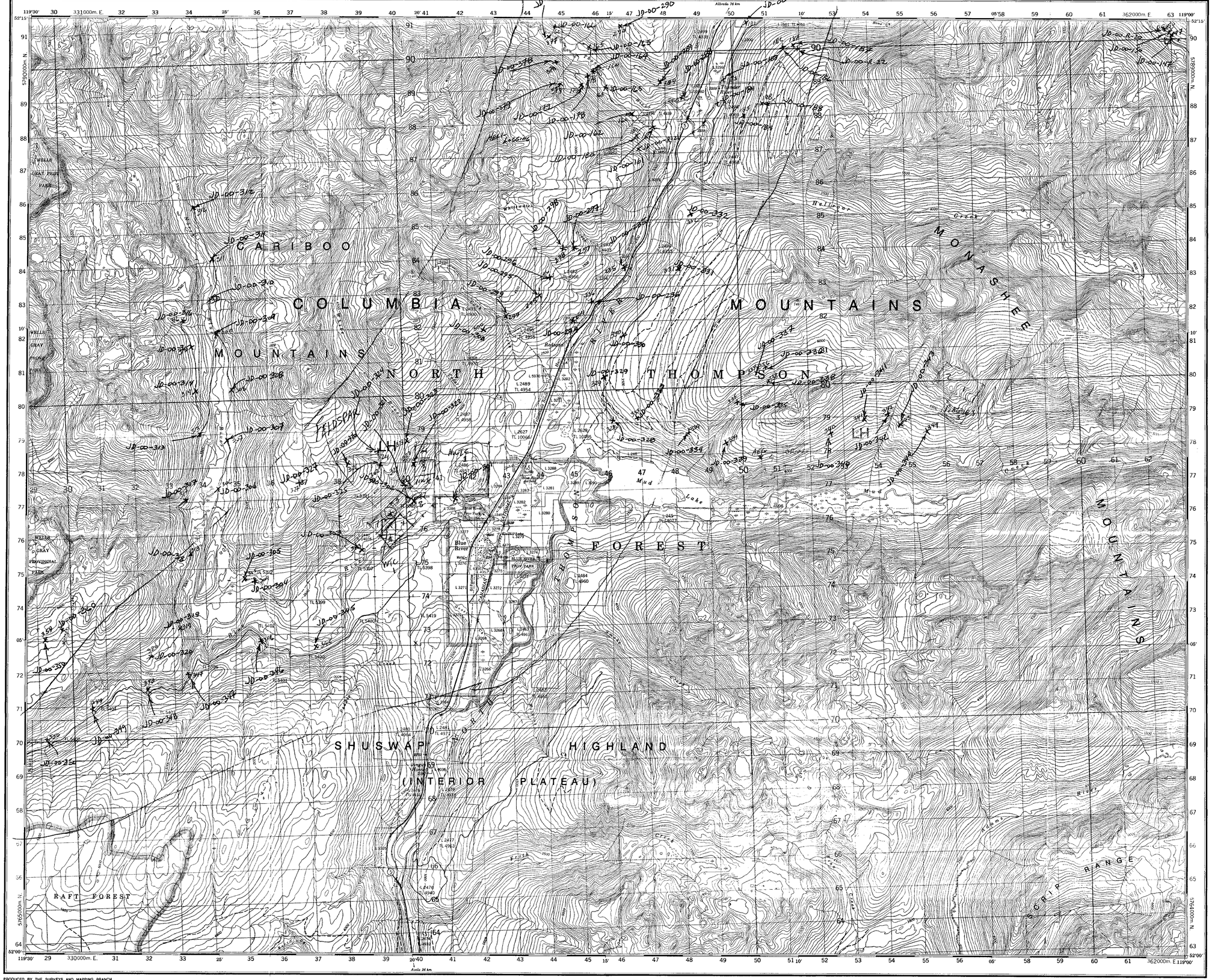
83 D/3 EDITION 3 Canada ÉDITION 3 83 D/3

BLUE RIVER
83 D/3
EDITION 3 EDITION

Military users, refer to this map as: / Référence de cette carte pour usage militaire:	SERIES A 721 SÉRIE MAP 83 D/3 CARTE EDITION 3 MCE ÉDITION



TN
MN
1°47' WEST 32 Mils
23°45' EAST 422 Mils
Grid — Mag. — True

Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1986
FOR CENTRE OF MAP
Annual change decreasing 14.6'

Mettre le diagramme que pour obtenir les valeurs numériques
DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1986
Variation annuelle décroissante 14.6'

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE UNIVERSEL TRANSVERSE DE MERCATOR
DE MILLE MÈTRES

GRID ZONE DESIGNATION / DÉSIGNATION DE LA ZONE DU QUADRILLAGE	100 000 m SQUARE IDENTIFICATION / IDENTIFICATION DU CARRÉ DE 100 000 m
11U	LH

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE POUR FIXER DES REPÈRES À 100 MÈTRES PRÈS

REFERENCE POINT / POINT DE REPÈRE	CHURCH - ÉGLISE (as above) (ci-dessus)
EASTING. Read number on grid line immediately to left of point. / ABSCISSE. Noter le chiffre de la ligne du quadrillage immédiatement à gauche du repère	97
Estimate tenths of a square from this line eastward to point. / Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction est.	5
	975
NORTHING. Read number on grid line immediately below point. / DISCORDE. Noter le chiffre de la ligne du quadrillage immédiatement en dessous du repère	98
Estimate tenths of a square from this line northward to point. / Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction nord.	4
GRID REFERENCE / RÉFÉRENCE AU QUADRILLAGE	5984
	975/5984

Nearest similar grid reference 100 000 metres (about 62 miles)
La prochaine référence similaire est à 100 000 mètres (environ 62 milles)

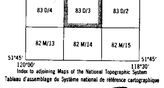


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Tableau d'assemblage du Système national de référence cartographique

00-34 (6)

BLUE RIVER
83 D/3
EDITION 3 EDITION

PRODUCED BY THE SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. UPDATED FROM AERIAL PHOTOGRAPHS TAKEN IN 1978. CULTURE CHECKED 1978. PUBLISHED IN 1986.

THIS MAP WAS COMPARED WITH SATELLITE IMAGERY OBTAINED IN 1983 AND FOUND TO BE UP-TO-DATE IN ALL MAJOR FEATURES.

COPIES MAY BE OBTAINED FROM THE CANADA MAP OFFICE, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA, OR YOUR NEAREST MAP DEALER.

Roads:	Routes:	dual highway 2 lanes/chaussées séparées	more than 2 lanes plus de 2 voies
hard surface, all weather	pavée, toute saison	2 lanes 2 voies	more than 2 lanes plus de 2 voies
hard surface, all weather	pavée, toute saison	2 lanes 2 voies	more than 2 lanes plus de 2 voies
loose or stabilized surface, all weather	gravier, aggloméré, toute saison	2 lanes or more 2 voies ou plus	more than 2 lanes plus de 2 voies
loose surface, dry weather	de gravier, temps sec		
unclassified streets	rues hors classe		
cart track	de terre		
trail, cut line or portage	sentier, percée ou portage		

FOR COMPLETE REFERENCE SEE REVERSE SIDE — POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

BLUE RIVER
KAMLOOPS DIVISION OF YALE LAND DISTRICT
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE
Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 Metres

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Surveys and Mapping Branch, Ottawa.

Pour tous renseignement concernant les repères et bornes astronomiques, s'adresser aux avés géodésiques, Direction des levés et de la cartographie, Ottawa.

CONVERSION SCALE FOR ELEVATIONS
Metres 30 20 10 0 50 100 150 200 250 300 Metres
Feet 100 50 0 100 200 300 400 500 600 700 800 1000 Feets

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉCHELLE DE CONVERSION DES ALTITUDES

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. MISE À JOUR À L'AIDE DE PHOTOGRAPHIES AÉRIENNES PRISES EN 1978. VÉRIFICATION DES OUVRAGES EN 1978. PUBLIÉE EN 1986.

ON A COMPARÉ CETTE CARTE AUX IMAGES PRISES PAR SATELLITE EN 1983. NOUS AVONS CONSTATÉ QUE TOUTES SES CARACTÉRISTIQUES PRINCIPALES ÉTAIENT À JOUR.

CES CARTES SONT EN VENTE AU BUREAU DES CARTES DU CANADA, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA, OU CHEZ LE VENDEUR LE PLUS PRÈS.

Energy, Mines and Resources Canada — Énergie, Mines et Ressources Canada

Military users, refer to this map as: SERIES A 721 SÉRIE
Référence de cette carte pour usage militaire: MAP 83 D/7 CARTE
EDITION 2 MCE ÉDITION

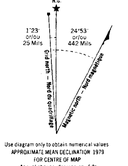
GLOSSARY GLOSSAIRE

Airfield	Terrain d'aviation
Arena	Arena
City Limits	Limites de ville
Customs	Douane
Ditch	Fossé
Dugout	Abreuvoir
Dump	Dépotoir
Filtration Plant	Usine de filtration
Gas	Gaz
Golf Course	Terrain de golf
Junk Yard	Ferraille
Kiln	Four
Lookout	Belvédère
Mine Waste	Déblais de mine
Oil Wells	Puits de pétrole
Park	Parc
Ruins	Ruines
Senior Citizens Home	Foyer de l'âge d'or
Ski Area	Station de ski
String Bog	Fondrière à filaments
Surveyed Line	Ligne arpentée
Tank	Réservoir
Water	Eau
Winter Road	Chemin d'hiver

For a complete glossary see reverse side
Pour un glossaire complet, voir au verso

ABBREVIATIONS ABRÉVIATIONS

Aband	Abandoned	Abandonné, ée
C	Cemetery	Cimetière
CO	County	Comté
E	Elevator	Élévateur
Fy	Ferry	Traversier
IR	Indian Reserve	Réserve indienne
H	Hospital	Hôpital
L	Lot	Lot
Micro	Microwave	Micro-ondes
Mun	Municipality	Municipalité
P	Post Office	Bureau de poste
PH	Power House	Centrale électrique
RCMP	Royal Canadian Mounted Police	Gendarmerie Royale Canadienne
Res	Reservoir	Réservoir
Trans Sta	Transformer Station	Poste de transformateurs
TFL	Tree Farm Licence	Licence de sylviculture



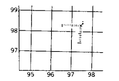
Use diagram only to obtain numerical values
APPROXIMATE MAGNETIC VARIATION 1979
FOR CENTRE OF MAP
Annual change decreasing 5.0'

Utiliser le diagramme que pour obtenir les valeurs numériques
DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1979
Variation annuelle décroissante 5.0'

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE DE MILLE MÈTRES
TRANSVERSE UNIVERSEL DE MERCATOR

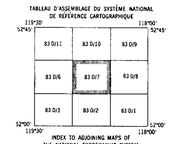
GRID ZONE DESIGNATION DÉSIGNATION DE LA ZONE DU QUADRILLAGE	100 000 M. SQUARE IDENTIFICATION IDENTIFICATION DU CARRÉ DE 100 000 M
11 U	LJ / LH 58

EXAMPLE OF METHOD USED
TO GIVE A REFERENCE TO NEAREST 100 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE
POUR FIXER DES REPÈRES À 100 MÈTRES PRÈS



REFERENCE POINT / POINT DE REPÈRE	CHURCH - ÉGLISE	(as shown) (tel qu'indiqué)
EASTING. Read number on grid line immediately to left of point. ABSCISSE. Noter le chiffre de la ligne du quadrillage immédiatement à gauche du repère		97
Estimate tenths of a square from this line eastward to point. Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction est		5
		975
NORTHING. Read number on grid line immediately below point. ORDONNÉE. Noter le chiffre de la ligne du quadrillage immédiatement en-dessous du repère		98
Estimate tenths of a square from this line northward to point. Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction nord		4
GRID REFERENCE. RÉFÉRENCE AU QUADRILLAGE		975984

Nearest survey grid reference (100 000 metres or (about 62 miles)
La prochaine référence (utilisée est à 100 000 mètres (environ 62 milles)



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00-34 (7)

HOWARD CREEK
83 D/7
EDITION 2

Produced by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. Updated from aerial photographs taken in 1976. Culture check 1978. Published in 1980.

Copies may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, or your nearest map dealer.

Roads: Routes:
loose or stabilized surface, all weather ..... gravier, aggloméré, toute saison ..... 2 lanes or more 2 voies ou plus / less than 2 lanes moins de 2 voies
loose surface, dry weather ..... de gravier, temps sec .....
unclassified streets ..... rues hors classe .....
cart track ..... de terre .....
trail, cut line or portage ..... sentier, percée ou portage .....
FOR COMPLETE REFERENCE SEE REVERSE SIDE POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

HOWARD CREEK
BRITISH COLUMBIA

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 Mètres
Yards 1000 0 1000 2000 3000 4000 Verges

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CONVERSION SCALE FOR ELEVATIONS
Metres 30 20 10 0 50 100
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Feet
CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉCHELLE DE CONVERSION DES ALTITUDES
150 200 250 300 Metres
ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Mise à jour à l'aide de photographies aériennes prises en 1976. Vérification des ouvrages en 1978. Publiée en 1980.

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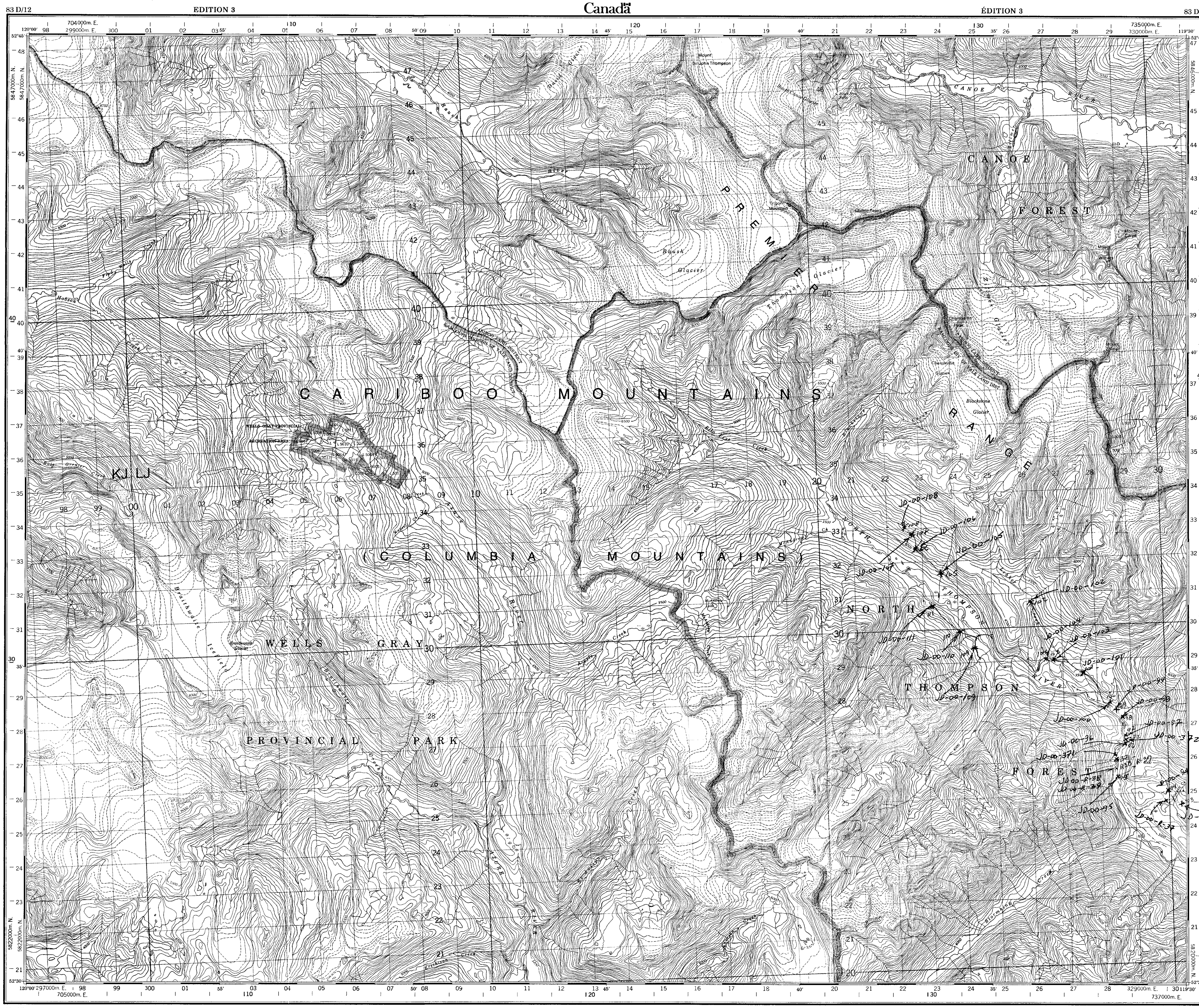
AZURE RIVER
83 D/12
EDITION 3 ÉDITION

Military users, refer to this map as: Référence de cette carte pour usage militaire	SERIES A 721 SÉRIE MAP 83 D/12 CARTE EDITION 3 MCE ÉDITION	



ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE UNIVERSEL TRANSVERSE DE MERCATOR
DE MILLE MÈTRES

BROWN NUMBERED TICKS INDICATE THE 1000 METRE U.T.M. GRID ZONE 10
LES AMORCES BRUNES NUMÉROTÉES REPRÉSENTENT LE QUADRILLAGE U.T.M. DE 1000 MÈTRES

93 A/16	83 D/13	83 D/14
93 A/9	83 D/12	83 D/11
93 A/8	83 D/5	83 D/6

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Tableau d'assemblage du Système national de référence cartographique

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Roads:	Routes:	
loose or stabilized surface, all weather	gravier, aggloméré, toute saison	2 lanes or more / 2 voies ou plus; less than 2 lanes / moins de 2 voies
loose surface, dry weather	de gravier, temps sec	
unclassified streets	rues hors classe	
cart track	de terre	
trail, cut line or portage	sentier, percée ou portage	

FOR COMPLETE REFERENCE SEE REVERSE SIDE　POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

AZURE RIVER
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE

Scale 1:50 000 Échelle

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Surveys and Mapping Branch, Ottawa.

Pour tous renseignement concernant les repères et bornes altimétriques, s'adresser aux levés géodésiques, Direction des levés et de la cartographie, Ottawa.

CONVERSION SCALE FOR ELEVATIONS　ÉCHELLE DE CONVERSION DES ALTITUDES

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. MISE À JOUR À L'AIDE DE PHOTOGRAPHIES AÉRIENNES PRISES EN 1976. VÉRIFICATION DES OUVRAGES EN 1978. PUBLIÉE EN 1986.

ON A COMPARÉ CETTE CARTE AUX IMAGES PRISES PAR SATELLITE EN 1983; NOUS AVONS CONSTATÉ QUE TOUTES SES CARACTÉRISTIQUES PRINCIPALES ÉTAIENT À JOUR.

CES CARTES SONT EN VENTE AU BUREAU DES CARTES DU CANADA, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA, OU CHEZ LE VENDEUR LE PLUS PRÈS.

00-34 (8)

AZURE RIVER
83 D/12
EDITION 3 ÉDITION

Energy, Mines and Resources Canada　Énergie, Mines et Ressources Canada

83 D/4 1:50 000 **CANADA** EDITION 2 83 D/4

Military users, refer to this map as: / Référence de cette carte pour usage militaire:	SERIES A 721 SÉRIE MAP 83 D/4 CARTE EDITION 2 MCE ÉDITION

GLOSSARY GLOSSAIRE

Airfield	Terrain d'aviation
Arena	Arena
City Limits	Limites de ville
Customs	Douane
Ditch	Fossé
Dugout	Abreuvoir
Dump	Dépotoir
Filtration Plant	Usine de filtration
Gas	Gaz
Golf Course	Terrain de golf
Junk Yard	Ferraille
Kiln	Four
Lookout	Belvédère
Mine, Waste	Débris de mine
Oil Wells	Puits de pétrole
Park	Parc
Rink	Patinoire
Senior Citizens Home	Foyer de l'âge d'or
Ski Area	Station de ski
Strng Bdg	Pont-treillis à filaments
Surveyed Line	Ligne importée
Tank	Réservoir
Water	Eau
Winter Road	Chemin d'hiver

For a complete glossary see reverse side
Pour un glossaire complet, voir au verso

ABBREVIATIONS ABRÉVIATIONS

Aband	Abandoned	Abandonné, de
C	Cemetery	Cimetière
CO	County	Comté
E	Elevator	Elévateur
Fy	Ferry	Traversier
IR	Indian Reserve	Réserve indienne
H	Hospital	Hôpital
L	Lot	Lot
Mcro	Microwave	Micro-ondes
Mun	Municipality	Municipalité
P	Post Office	Bureau de poste
PH	Power House	Centrale électrique
RCMP	Royal Canadian Mounted Police	Gendarmerie Royale Canadienne
Res	Reservoir	Réservoir
Trans Sta	Transformer Station	Poste de transformateurs
TFL	Tree Farm Licence	Licence de sylviculture

TN 16.5°

2°10' W'ly 39 Mils — 25°47' W'ly 458 Mils

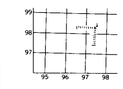
Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1979
FOR CENTRE OF MAP
Annual change decreasing 4.8'

N'utiliser le diagramme que pour obtenir les valeurs numériques
DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1979
Variation annuelle décroissante 4.8'

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE DE MILLE MÈTRES
TRANSVERSE UNIVERSEL DE MERCATOR

GRID ZONE DESIGNATION / DÉSIGNATION DE LA ZONE OU QUADRILLAGE	100 000 M. SQUARE IDENTIFICATION / IDENTIFICATION DU CARRÉ DE 100 000 M.
11U	KH LH

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE POUR FAIRE DES RÉPÉRES À 100 MÈTRES PRÈS

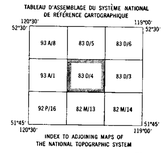


REFERENCE POINT / POINT DE REPÈRE	CHURCH / ÉGLISE	(as above / ci-dessus)
EASTING. Read number on grid line immediately to left of point ABSCISSE. Noter le chiffre de la ligne du quadrillage immédiatement à gauche du repère	97	
Estimate tenths of a square from this line eastward to point Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction est	5	975
NORTHING. Read number on grid line immediately below point ORDONNÉE. Noter le chiffre de la ligne du quadrillage immédiatement en-dessous du repère	98	
Estimate tenths of a square from this line northward to point Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction nord	4	984
GRID REFERENCE / RÉFÉRENCE AU QUADRILLAGE		975984

Nearest similar grid reference 100 000 metres (about 62 miles)
La prochaine référence similaire est à 100 000 mètres (environ 62 milles)

BROWN NUMBERED TICKS INDICATE THE 1000 METRE U.T.M. GRID ZONE 10
LES AMORCES BRUNES NUMÉROTÉES REPRÉSENTENT LE QUADRILLAGE DE 1000 MÈTRES T.U.M.

TABLEAU D'ASSEMBLAGE DU SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE



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00-39 (9)

MURTLE LAKE
83 D/4
EDITION 2

Produced by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES.
Updated from aerial photographs taken in 1978. Culture check 1978. Published in 1980.

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Roads: Routes:
loose or stabilized surface, all weather, gravel, agglomerate, toute saison ... 2 lanes or more / 2 voies ou plus ... less than 2 lanes / moins de 2 voies
loose surface, dry weather ... de gravier, temps sec
unclassified streets ... rues hors classe
cart track ... de terre
trail, cut line or portage ... sentier, percée ou portage
FOR COMPLETE REFERENCE SEE REVERSE SIDE / POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

MURTLE LAKE

KAMLOOPS DIVISION OF YALE DISTRICT

BRITISH COLUMBIA

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 Metres
Yards 1000 0 1000 2000 3000 4000 Yards

Information concerning location and precise elevation of bench marks can be obtained by writing to the Geodetic Survey, Surveys and Mapping Branch, Ottawa.

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CONVERSION SCALE FOR ELEVATIONS
Metres 30 20 10 0 50 100 150 200 250 300 Metres
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Feet

ÉCHELLE DE CONVERSION DES ALTITUDES

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

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PTARMIGAN CREEK
83 D/10
EDITION 3 EDITION

Military users, refer to this map as:	SERIES	A 721	SÉRIE
Référence de cette carte pour usage militaire:	MAP	83 D/10	CARTE
	EDITION	3 MCE	ÉDITION

MOUNT ROBSON PROVINCIAL PARK

SELWYN RANGE

CONTINENTAL RANGES

CANOE FOREST

ROCKY MOUNTAIN TRENCH

MALTON RANGE

MONASHEE MOUNTAINS (COLUMBIA MOUNTAINS)

NORTH THOMPSON FOREST

CANOE (KINBASKET LAKE) REACH

(ROCKY MOUNTAINS) (MONTAGNES ROCHEUSES)

MOUNT ROBSON PROVINCIAL PARK

Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1986
FOR CENTRE OF MAP
Annual change decreasing 15.1'

N'utiliser le diagramme que pour obtenir les valeurs numériques
DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1986
Variation annuelle décroissante 15.1'

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE UNIVERSEL TRANSVERSE DE MERCATOR
DE MILLE MÈTRES

GRID ZONE DESIGNATION / DÉSIGNATION DE LA ZONE DU QUADRILLAGE	100 000 m SQUARE IDENTIFICATION / IDENTIFICATION DU CARRÉ DE 100 000 m
11U	LJ

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE POUR FIXER DES REPÈRES À 100 MÈTRES PRÈS

REFERENCE POINT / POINT DE REPÈRE CHURCH / ÉGLISE	(as above / ci-dessus)
EASTING: Read number on grid line immediately to left of point / ABSCISSE: Noter le chiffre de la ligne du quadrillage immédiatement à gauche du repère	97
Estimate tenths of a square from this line eastward to point / Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction est	5
	975
NORTHING: Read number on grid line immediately below point / ORDONNÉE: Noter le chiffre de la ligne du quadrillage immédiatement en dessous du repère	98
Estimate tenths of a square from this line northward to point / Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction nord	4
GRID REFERENCE / RÉFÉRENCE AU QUADRILLAGE	984 / 975984

Nearest whole grid reference 100 000 metres (about 62 miles)
La prochaine référence unique est à 100 000 mètres (environ 62 milles)

PRODUCED BY THE SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. UPDATED FROM AERIAL PHOTOGRAPHS TAKEN IN 1978. CULTURE CHECK 1978. PUBLISHED IN 1986.

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Roads: Routes.
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loose surface, dry weather ... de gravier, temps sec
unclassified streets ... rues hors classe
cart track ... de terre
trail, cut line or portage ... sentier, percée ou portage
FOR COMPLETE REFERENCE SEE REVERSE SIDE — POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

PTARMIGAN CREEK
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE
Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 Mètres

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Surveys and Mapping Branch, Ottawa.

Pour tous renseignement concernant les repères et bornes arpentiques, s'adresser aux avec géodésiques, Direction des levés et de la cartographie, Ottawa.

CONVERSION SCALE FOR ELEVATIONS
Metres 30 20 10 0 50 100 150 200 250 300 Metres
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Pieds

CONTOUR INTERVAL 100 FEET
Elevations in feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉCHELLE DE CONVERSION DES ALTITUDES

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

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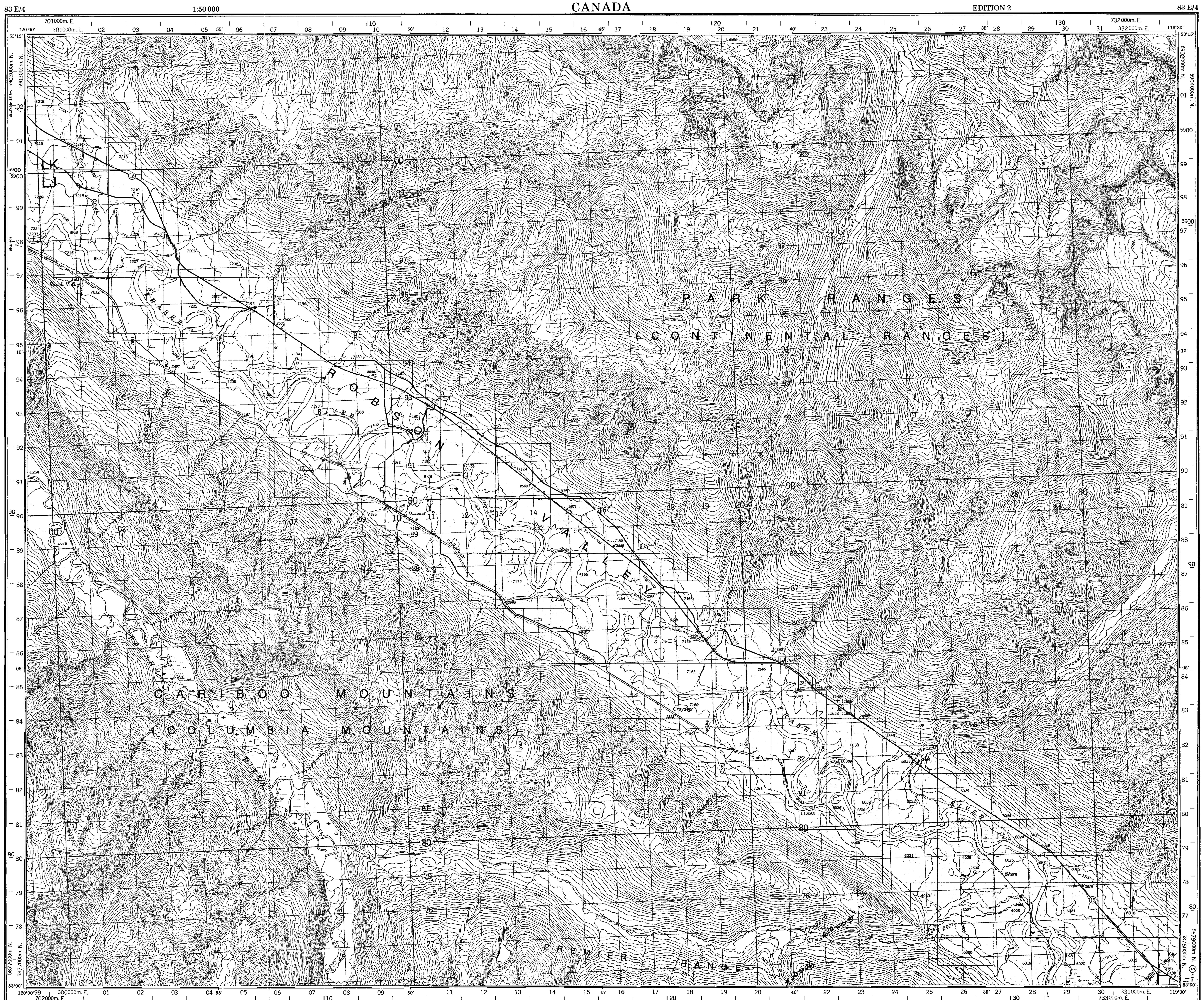
119°30' 53°00'	118°00' 53°00'
83 D/14	83 D/15	83 D/16
83 D/11	83 D/10	83 D/9
83 D/6	83 D/7	83 D/8
52°15'	52°15'
119°30' 52°30'	118°00' 52°30'

Index to adjoining Maps of the National Topographic System
Tables d'assemblage du Système national de référence cartographique

00-39 (10)

PTARMIGAN CREEK
83 D/10
EDITION 3 EDITION

Energy, Mines and Resources Canada / Énergie, Mines et Ressources Canada



Military users, refer to this map as: / Référence de cette carte pour usage militaire:	SERIES A 721 SÉRIE
	MAP 83 E/4 CARTE
	EDITION 2 MCE ÉDITION

GLOSSARY GLOSSAIRE

Airfield	Terrain d'aviation
Arena	Aréna
City Limits	Limites de ville
Customs	Douane
Ditch	Fossé
Dugout	Abreuvoir
Dump	Dépotoir
Filtration Plant	Usine de filtration
Gas	Gaz
Golf Course	Terrain de golf
Junk Yard	Ferraille
Kiln	Four
Lookout	Belvédère
Mine Waste	Déblai de mine
Oil Wells	Puits de pétrole
Park	Parc
Rink	Patinoire
Senior Citizens Home	Foyer de l'âge d'or
Ski Area	Station de ski
String Bog	Fondrière à filaments
Surveyed Line	Ligne arpentée
Tank	Réservoir
Water	Eau
Winter Road	Chemin d'hiver

For a complete glossary see reverse side
Pour un glossaire complet, voir au verso

ABBREVIATIONS ABRÉVIATIONS

Aband	Abandoned	Abandonné, ée
C	Cemetery	Cimetière
CO	County	Comté
E	Elevator	Élévateur
Fy	Ferry	Traversier
IR	Indian Reserve	Réserve indienne
H	Hospital	Hôpital
L	Lot	Lot
Micro	Microwave	Micro-ondes
Mun	Municipality	Municipalité
P	Post Office	Bureau de poste
PH	Power House	Centrale électrique
RCMP	Royal Canadian Mounted Police	Gendarmerie Royale Canadienne
Res	Reservoir	Réservoir
Trans Sta	Transformer Station	Poste de transformateurs
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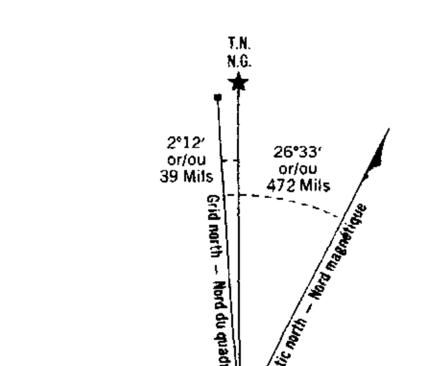

Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1979
FOR CENTRE OF MAP
Annual change decreasing 4.9′

N'utiliser le diagramme que pour obtenir les valeurs numériques
DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1979
Variation annuelle décroissante 4.9′

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE DE MILLE MÈTRES
TRANSVERSE UNIVERSEL DE MERCATOR

GRID ZONE DESIGNATION: DÉSIGNATION DE LA ZONE DU QUADRILLAGE:	100 000 m SQUARE IDENTIFICATION / IDENTIFICATION DU CARRÉ DE 100 000 m
11U	KK, LK, KJ, LJ, 59, 3

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE POUR FIXER DES REPÈRES À 100 MÈTRES PRÈS

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Estimate tenths of a square from this line eastward to point: Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction est:	5
	975
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Estimate tenths of a square from this line northward to point: Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction nord:	4
	984
GRID REFERENCE: / RÉFÉRENCE AU QUADRILLAGE:	975984

Nearest similar grid reference 100 000 metres (about 63 miles)
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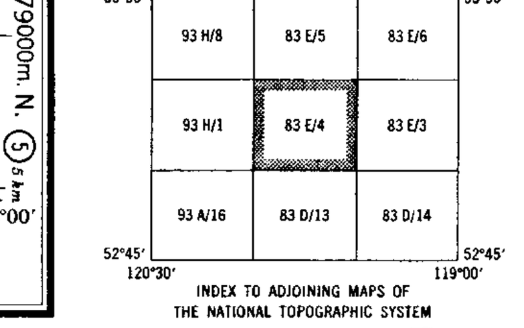
BROWN NUMBERED TICKS INDICATE THE 1000 METRE U.T.M. GRID ZONE 10
LES AMORCES BRUNES NUMÉROTÉES REPRÉSENTENT LE QUADRILLAGE DE 1000 MÈTRES T.U.M.

TABLEAU D'ASSEMBLAGE DU SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE



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hard surface, all weather	pavée, toute saison	dual highway / 2 chaussées séparées	more than 2 lanes / plus de 2 voies
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loose surface, dry weather	de gravier, temps sec		
unclassified streets	rues hors classe		
cart track	de terre		
trail, cut line or portage	sentier, percée ou portage		

FOR COMPLETE REFERENCE SEE REVERSE SIDE POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

CROYDON
CARIBOO LAND DISTRICT
BRITISH COLUMBIA
Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Milles
Metres 1000 0 1000 2000 3000 4000 Mètres
Yards 1000 0 1000 2000 3000 4000 Verges

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Metres 30 20 10 0 50 100 150 200 250 300 Mètres
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Pieds

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
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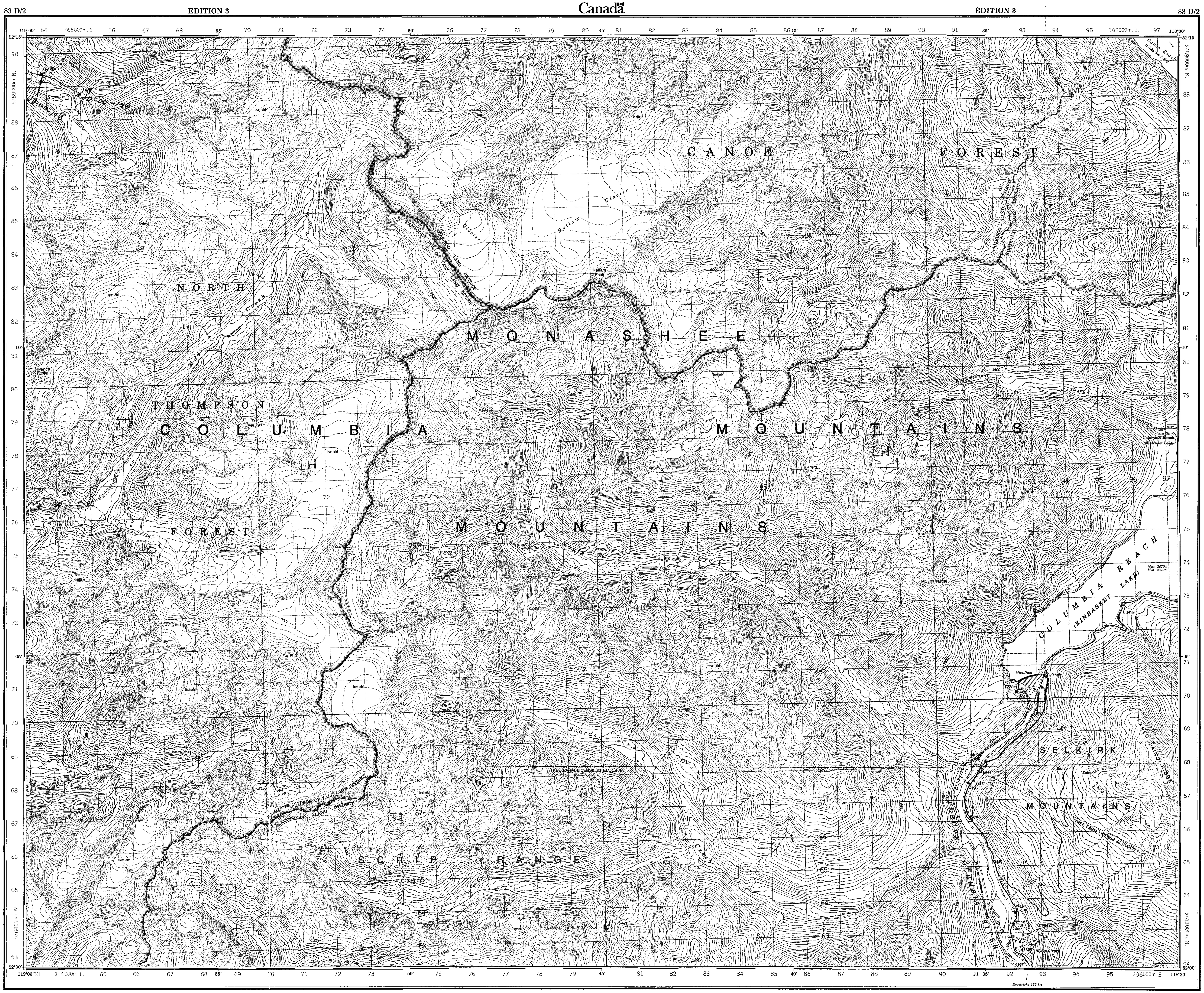
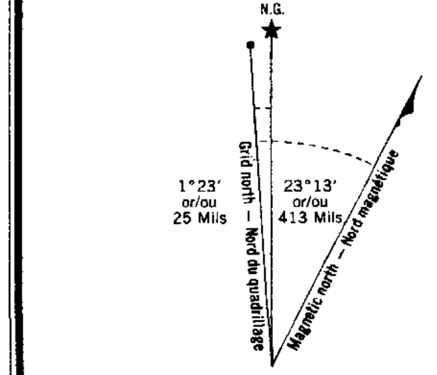
00-34 (11)

NAGLE CREEK
83 D/2
EDITION 3 ÉDITION

Military users, refer to this map as: Référence de cette carte pour usage militaire:	SERIES A 721 SÉRIE
	MAP 83 D/2 CARTE
	EDITION 3 MCE ÉDITION





Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1986
FOR CENTRE OF MAP
Annual change decreasing 14.6′

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DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1986
Variation annuelle décroissante 14,6′

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE UNIVERSEL TRANSVERSE DE MERCATOR
DE MILLE MÈTRES

GRID ZONE DESIGNATION: DÉSIGNATION DE LA ZONE DU QUADRILLAGE:	100 000 m SQUARE IDENTIFICATION IDENTIFICATION DU CARRÉ DE 100 000 m
11 U	LH

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES
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GRID REFERENCE: RÉFÉRENCE AU QUADRILLAGE:	975984

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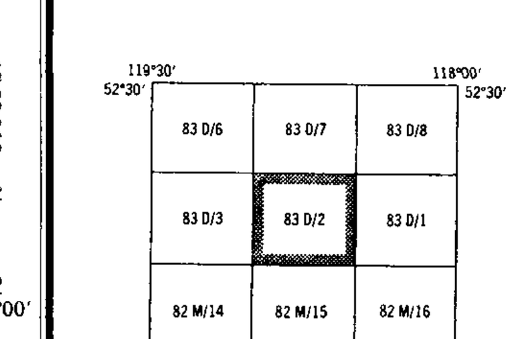

Index to adjoining Maps of the National Topographic System
Tableau d'assemblage du Système national de référence cartographique

00-34 (12)

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trail, cut line or portage	sentier, percée ou portage		

FOR COMPLETE REFERENCE SEE REVERSE SIDE POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

NAGLE CREEK
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Milles
Metres 1000 0 1000 2000 3000 4000 Mètres

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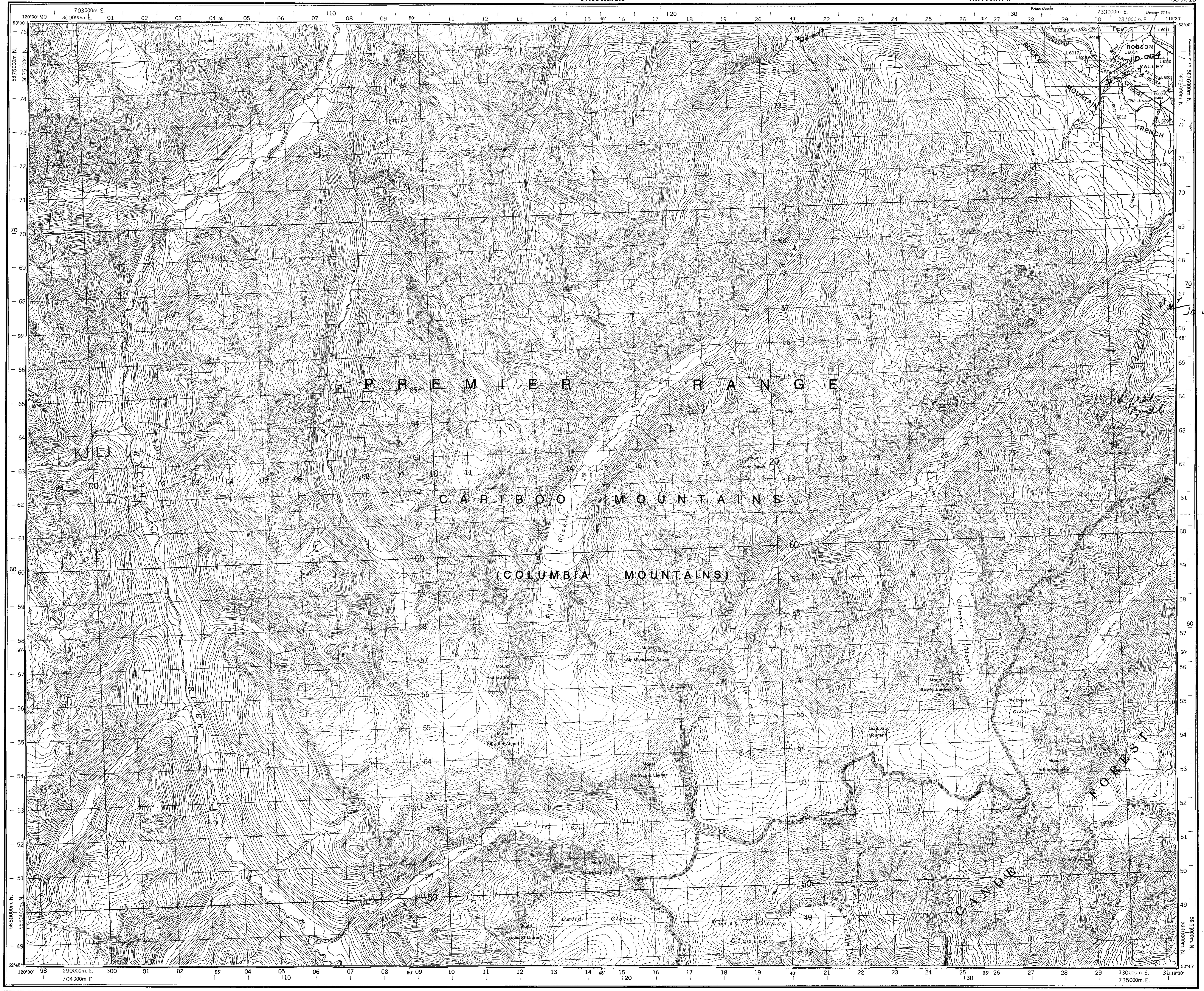
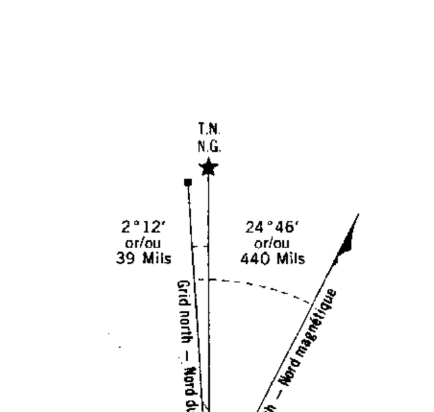
NAGLE CREEK
83 D/2
EDITION 3 ÉDITION

Energy, Mines and Resources Canada Énergie, Mines et Ressources Canada



KIWA CREEK
83 D/13
EDITION 3 ÉDITION

Military users, refer to this map as: Référence de cette carte pour usage militaire:	SERIES A 721 SÉRIE MAP 83 D/13 CARTE EDITION 3 MCE ÉDITION



Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 1986
FOR CENTRE OF MAP
Annual change decreasing 15.2′

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DÉCLINAISON MOYENNE APPROXIMATIVE
AU CENTRE DE LA CARTE EN 1986
Variation annuelle décroissante 15,2′

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11
QUADRILLAGE UNIVERSEL TRANSVERSE DE MERCATOR
DE MILLE MÈTRES

GRID ZONE DESIGNATION: DÉSIGNATION DE LA ZONE DU QUADRILLAGE:	100 000 m SQUARE IDENTIFICATION IDENTIFICATION DU CARRÉ DE 100 000 m
11U	KJ LJ 3

EXAMPLE OF METHOD USED TO GIVE A REFERENCE TO NEAREST 100 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE POUR FIXER DES REPÈRES À 100 MÈTRES PRÈS

99 98 97 / 95 96 97 98

REFERENCE POINT / POINT DE REPÈRE: CHURCH · ÉGLISE (as above) (ci-dessus)

EASTING: Read number on grid line immediately to left of point:
ABSCISSE: Noter le chiffre de la ligne du quadrillage immédiatement à gauche du repère: 97
Estimate tenths of a square from this line eastward to point:
Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction est: 5 — 975

NORTHING: Read number on grid line immediately below point:
ORDONNÉE: Noter le chiffre de la ligne du quadrillage immédiatement en dessous du repère: 98
Estimate tenths of a square from this line northward to point:
Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction nord: 4 — 984

GRID REFERENCE: 975984
RÉFÉRENCE AU QUADRILLAGE: 975984

Nearest similar grid reference 100 000 metres (about 63 miles)
La prochaine référence similaire est à 100 000 mètres (environ 63 milles)

BROWN NUMBERED TICKS INDICATE THE 1000 METRE U.T.M. GRID ZONE 10
LES AMORCES BRUNES NUMÉROTÉES REPRÉSENTENT LE QUADRILLAGE U.T.M. DE 1000 MÈTRES

120°30′ 53°15′		119°00′ 53°15′
93 H/1	83 E/4	83 E/3
93 A/16	83 D/13	83 D/14
93 A/9	83 D/12	83 D/11

52°30′ 120°30′ — 52°30′ 119°00′

Index to adjoining Maps of the National Topographic System
Tableau d'assemblage du Système national de référence cartographique

00-34 (13)

KIWA CREEK
CARIBOO LAND DISTRICT
BRITISH COLUMBIA COLOMBIE-BRITANNIQUE
Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Milles
Metres 1000 0 1000 2000 3000 4000 Mètres

PRODUCED BY THE SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES. UPDATED FROM AERIAL PHOTOGRAPHS TAKEN IN 1976. CULTURE CHECK 1978. PUBLISHED IN 1986.

THIS MAP WAS COMPARED WITH SATELLITE IMAGERY OBTAINED IN 1983 AND FOUND TO BE UP-TO-DATE IN ALL MAJOR FEATURES.

COPIES MAY BE OBTAINED FROM THE CANADA MAP OFFICE, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA, OR YOUR NEAREST MAP DEALER.

Roads:	Routes:	
loose or stabilized surface, all weather	gravier, aggloméré, toute saison	2 lanes or more / 2 voies ou plus; less than 2 lanes / moins de 2 voies
loose surface, dry weather	de gravier, temps sec	
unclassified streets	rues hors classe	
cart track	de terre	
trail, cut line or portage	sentier, percée ou portage	

FOR COMPLETE REFERENCE SEE REVERSE SIDE — POUR UNE LISTE COMPLÈTE DES SIGNES, VOIR AU VERSO

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Surveys and Mapping Branch, Ottawa.

Pour tous renseignement concernant les repères et bornes altimétriques, s'adresser aux levés géodésiques, Direction des levés et de la cartographie, Ottawa.

CONVERSION SCALE FOR ELEVATIONS — ÉCHELLE DE CONVERSION DES ALTITUDES
Metres 30 20 10 0 50 100 150 200 250 300 Mètres
Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Pieds

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

ÉQUIDISTANCE DES COURBES 100 PIEDS
Altitudes en pieds
Système de référence géodésique nord-américain, 1927
Projection transverse de Mercator

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. MISE À JOUR À L'AIDE DE PHOTOGRAPHIES AÉRIENNES PRISES EN 1976. VÉRIFICATION DES OUVRAGES EN 1978. PUBLIÉE EN 1986.

ON A COMPARÉ CETTE CARTE AUX IMAGES PRISES PAR SATELLITE EN 1983; NOUS AVONS CONSTATÉ QUE TOUTES SES CARACTÉRISTIQUES PRINCIPALES ÉTAIENT À JOUR.

CES CARTES SONT EN VENTE AU BUREAU DES CARTES DU CANADA, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA, OU CHEZ LE VENDEUR LE PLUS PRÈS.

KIWA CREEK
83 D/13
EDITION 3 ÉDITION

Energy, Mines and Resources Canada — Énergie, Mines et Ressources Canada