

GEOLOGICAL REPORT

for the

Bohan Property

Nelson Mining Division, Southeastern B.C.
Mapsheets 82F028, 82F038
Latitude 49°17' N, Longitude 116°28'W

Prepared for:

EAGLE PLAINS RESOURCES LTD.

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By

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June 2001

GEOLOGICAL SURVEY BRANCH
ASSESSMENT DIVISION

26,600

TABLE OF CONTENTS

	PAGE
SUMMARY	2
LOCATION, ACCESS AND INFRASTRUCTURE	3
TENURE.....	3
HISTORY AND PREVIOUS WORK.....	4
GEOLOGY.....	5
Regional Geology.....	5
Property Geology	6
2000 WORK PROGRAM.....	7
2000 RESULTS.....	8
CONCLUSIONS AND RECOMMENDATIONS	10
REFERENCES.....	12

LIST OF FIGURES

Figure 1: Property Location Map	following page 3
Figure 2: Property Geology, 200 Sample Locations, Compilation	in pocket

LIST OF APPENDICES

Appendix I:	Statement of Qualifications
Appendix II:.....	Statement of Expenditures
Appendix III.....	Analytical Results
Appendix IV	Rock Sample Descriptions

Summary

The Bohan property consists of 196 claim units located in the Arrow Creek/Mount Bohan area 20km NE of Creston, in southeastern British Columbia. The claims are owned 100% by Eagle Plains Resources Ltd., and carry no underlying royalties or encumbrances.

The property is underlain by Precambrian aged sediments belonging to the Aldridge, Creston and Coppery Creek (Dutch Creek) formations. Work by past operators on the Bohan property area has identified highly anomalous base-metal values in soils over a 4.0 km strike-length, coincident with areas of high chargeability I.P. response. Creeks draining the anomaly area are reported to contain stream-sediment values as high as 480ppm Pb and 2750 ppm Zn. Soil sampling and profiling returned values as high as 4229 ppm Pb and 12,000 ppm zinc. The best coincident soil geochemical/chargeability anomaly area has not been tested by trenching or diamond drilling.

2000 work by Eagle Plains focused on 1:10000 scale geological mapping to both better define property geology and to attempt to put the Bohan geology into a regional context. As part of the 2000 work program, field crews carried out soil and silt sampling to identify geochemical anomalies in areas untested by past work programs.

Results of the 2000 work program and work by past operators indicate the Bohan property has extremely high potential to host sed-ex or manto type stratabound base metal mineralization. A follow-up program of diamond drilling is recommended to locate the source for the geochemical and geophysical anomalies. A permit is currently in place to carry out a diamond drilling program.

The total cost of the 2000 geological exploration work was \$20,321.44

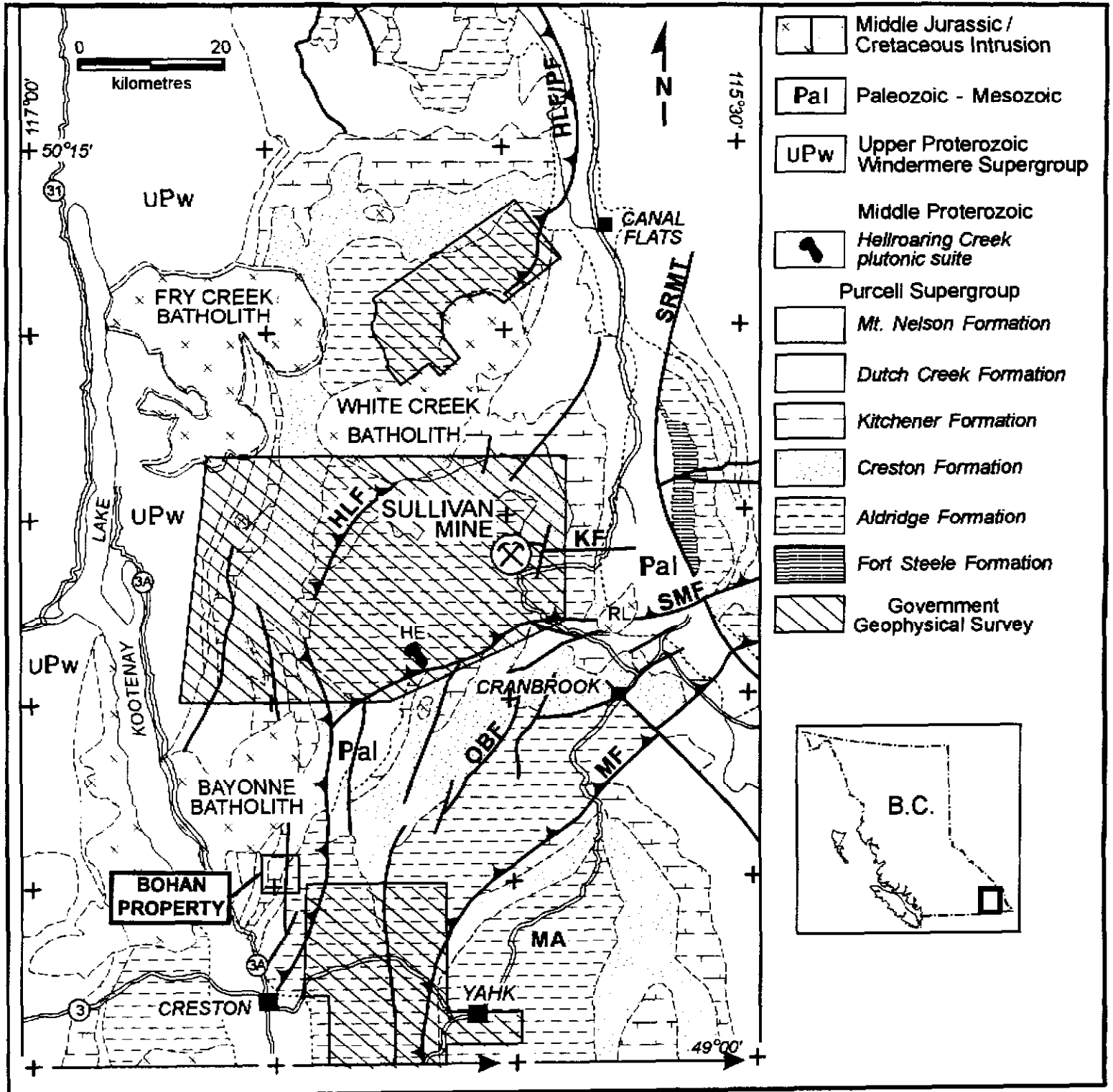


Figure 1 - Bohan Project- Regional Geology and Property Location Map

Location, Access and Infrastructure

The Bohan property is located 22 km NE of Creston, British Columbia (see Location Map; Figure 1, following). The claims are situated within rolling, timbered topography ranging in elevation from 1500-2200m. Road access currently exists to the property area, and active logging is underway in certain areas. Tree cover consists of mature stands of fir, spruce and larch. The property area is subject to moderate precipitation, and is free of snow cover from May to October.

The property is located approximately 15 kilometers from hydro, natural gas and rail lines. The railroad is currently used to haul concentrate from the Sullivan Mine in Kimberley to the Cominco smelter in Trail, B.C., approximately 150 kilometers west of the Bohan property.

Tenure

The property consists of 196 MGS claim units owned 100% by Eagle Plains Resources Ltd. It carries no royalties or other encumbrances. A list of all pertinent tenure details follows:

<u>CLAIM NAME</u>	<u>TENURE NUMBER</u>	<u>NUMBER OF UNITS</u>	<u>EXPIRY DATE*</u>
BO1	374291	20	APRIL 24, 2002
BO2	374292	20	APRIL 24, 2002
BO3	374293	20	APRIL 24, 2003
BO4	374294	20	APRIL 24, 2002
BO5	374295	20	APRIL 24, 2002
BO6	374296	20	APRIL 24, 2002
BO7	374297	20	APRIL 24, 2002
BO8	374298	20	APRIL 24, 2002
SKELLY 1	374307	16	APRIL 24, 2002
DUCK 1	381655	<u>20</u>	APRIL 24, 2002

TOTAL: 196

* after current assessment filed

History and Previous Work

The property area was first staked in 1980 by Amoco Canada Petroleum Company Ltd. following the release of stream-sediment data for the Arrow/Bohan Creek area. During 1980, Amoco spent 98 man-days on the property, and "collected 1003 soil samples along compass and pace lines designed to determine the cause and placement of a strong and extensive lead-zinc silt anomaly occurring in the upper portions of Arrow Creek". Following the program, Amoco concluded that "lead-zinc geochemistry defines an anomalous area approximately 250m x 1500m... and values as high as 12,000ppm Zn and 4229 Pb were encountered" (MacIsaac, 1980). The total cost of the Amoco program was \$19,650.

Cominco in 1988 optioned the claims from Amoco and staked an additional 30 units, expanding property boundaries to the east. In 1988, Cominco contracted Scott Geophysics to complete a 12.1 line-km Induced Polarization geophysical survey over the western property area, only partially covering the soil geochemical anomaly outlined by Amoco. Following the survey, resistivity values were reported to range from below 500 to an average above 3000 ohmm. Workers reported that "chargeabilities correlate well with resistivities. High chargeabilities (ie 20 msec and over) are associated with low resistivities" (Klein, 1988). In 1989, Cominco completed a single BQ diamond drill hole to a depth of 147.86m. The hole was "designed to test coincident soil geochemistry and induced polarization responses", though no soil geochemical data was available. The hole was collared 2.0 km from the soil geochemical anomaly outlined by Amoco.

Mapping correlated with the drillcore identified carbonate and silty sediments of the PreCambrian-aged Dutch Creek Formation. In their 1990 report, Cominco geologists reported that "Mineralization is very limited in the core. Very weak pyrite, galena and sphalerite (can) be seen in the breccia zone...no economic mineralization was intersected by this drilling" (Anderson, 1990). The total cost of the Cominco programs was \$61,700.

The property was staked by Eagle Plains Resources in 1999. After staking, Eagle Plains Resources staff undertook a compilation of past geological work. The highlights are shown on Fig.2.

Geology

Regional Geology

Regionally the area is underlain by rocks of the Purcell Supergroup on the western flank of the Purcell Anticlinorium, a broad, north-plunging arch-like structure in Helikian and Hadrynian aged rocks. The anticlinorium is allocthonous, carried eastward and onto the underlying cratonic basement by generally north trending thrusts throughout the Laramide orogeny during late Mesozoic and early Tertiary time.

The oldest rocks exposed in the area are greenish, rusty weathering thin bedded siltites and quartzites of the greater than 4000m thick Lower Aldridge Formation, along with the facies-related, dominantly fluvial Fort Steele Formation (the base of which is unexposed). The Sullivan deposit is located some 20-30m below the upper contact of the Lower Aldridge Formation. Overlying the Lower Aldridge is a continuous section of Middle Aldridge quartz wackes, subwackes and argillites some 3000+ m thick. Within the Middle Aldridge formation, fourteen varied marker horizons can be correlated over hundreds of kilometres. These represent the only accurate stratigraphic control. A number of aerial extensive, locally thick gabbroic sills are present within the Lower and Middle Aldridge Formations. These sills and dykes; the "Moyie Sills", locally were intruded into wet, unconsolidated sediments, and have been dated to 1445 Ma, providing a minimum age for Aldridge sedimentation and formation of the Sullivan deposit. The Middle Aldridge is overlain conformably by the Upper Aldridge, 300 to 400 meters of thin, fissile, rusty weathering siltite/argillite.

Conformably overlying the Aldridge Formation is the Creston Formation, comprising approximately 1800 meters of grey, green and maroon, cross-bedded and ripple marked platformal quartzites and mudstones. The Kitchener-Siyeh Formation, which includes 1200 to 1600 meters of grey-green and buff coloured dolomitic mudstone are shallow water sediments overlying the Creston Formation.

The upper portion of the Purcell Supergroup consists of the Dutch Creek and Mount Nelson Formations. The Dutch Creek formation consists of approximately 1200 meters of dark grey, calcareous dolomitic mudstones. Overlying the Dutch Creek formation is the Mount Nelson formation, 1000 meters of grey-green and maroon mudstone and calcareous mudstones. This unit marks the top of the Purcell Supergroup.

The Purcell Supergroup in the Sullivan area was deposited along an active tectonic basin margin. Dramatic thickness and facies variations record Purcell-age growth faults and contrast with gradual changes characteristic of most Purcell rocks elsewhere. These faults reflect deep crustal structures that modified incipient Purcell rifting, and led to the development of an intercratonic basin in middle Proterozoic time.

Regional Mineralization

The Wilds Creek or Leg deposit is located approximately 10 kilometers southwest of the Bohan property. The stratabound zinc – lead – barite mineralization occurs within Upper Purcell SuperGroup stratigraphy, with a mineral reserve estimated to be 136,000 tonnes grading 6% zinc (Aho, 1964). Sphalerite and galena are associated with silty dolomite, baritic dolomite and bedded barite within a unit of carbonate breccia. The ore is believed to be of sed-ex and/or manto type, with at least part of the main zone consisting of remobilized mineralization (Brown and Klewchuck 1995). Stratigraphically, the host rocks are thought to be equivalent to the rocks underlying the Bohan property.

Property Geology (Fig.2)

The GSC compilation map #1864A by Reesor (1996) indicates that the area is overlain by rocks of the Middle and Upper Aldridge formations in the eastern part of the property, moving up-section to include Creston and Dutch Creek lithologies in the west. As part of the 2000 work program by Eagle Plains, seven days were spent mapping the Bohan property in more detail. The mapping was carried out by Charlie Greig and a summary of his observations follows.

On the eastern part of the property is a belt of rocks which include local thin to medium bedded, fine grained, pale weathering sandstone and more common siltstone intermixed with more abundant dark grey silty mudstone and mudstone. The western part of this belt is predominantly well-cleaved, generally non-calcareous argillite. Within this belt are local metadioritic sills, and regionally the sequence is probably correlative with uppermost Aldridge Formation and(or) lowermost Creston formation.

To the west of this belt the argillaceous rocks grade into a sequence of phyllitic, thin bedded to laminated mudrocks in which there is a component of pale green weathering siltstone and local arkosic quartz arenite beds. These green and grey coloured rocks grade westward into a poorly exposed, poorly defined, darker weathering muddier sequence which is bordered to the west by relatively distinctive thin bedded to laminated calc-silicate rocks.

The northwestern part of the property is underlain by hornfelsed and partially recrystallized mudrocks, siltstones and sandstones that appear to lie within the contact aureole of an extensive plutonic body visible from a distance in local outcrops in valleys and along the ridges to the west and north. Aside from the contact metamorphic overprint, these rocks do not appear to differ greatly from the Aldridge and Creston Formation rocks mapped on the central and eastern part of the property.

Structural Geology

Foliation or cleavage is well-developed on the property, and in the bulk of the finer grained lithologies, it is pervasively developed, particularly to the west. It is commonly north-northeasterly to northerly trending and moderately to steeply westerly dipping, although local variations occur. Bedding is commonly also moderately to steeply westerly dipping, but variations in dip are indicative of a number of map-scale folds to the east and northwest. The 2000 mapping did not identify any way-up indicators. Evidence for outcrop scale tight and(or) overturned folds is common, and foliation also appears to have been folded locally. This second phase of folding is associated locally with a shallow to moderately westerly dipping axial planar cleavage. Minor folds generally plunge gently to moderately to the north-northeast.

2000 Work Program

The objectives of the 2000 Eagle Plains Resources field program on the Bohan property were to better define the geology and to assess areas untested by past operators for base metal geochemical anomalies. Property scale geological mapping was carried out by Charlie Greig, and field workers completed soil and silt geochemical sampling. Soil sampling was done at 100 meter spacing along ridgelines in the central part of the property. Silt sampling focused on the Hall Creek drainage and an unnamed drainage on the northeastern part of the property. A total of approximately 25 square kilometers of the property was covered with mapping traverses, with field mapping at a scale of 1:12500. A total of 128 soil samples, 31 silt samples and 12 rock samples were collected. A total of 26 man-days were spent on the property.

All samples were shipped to Bondar – Clegg Canada Limited in North Vancouver, B.C. where they were analyzed for 30 element ICP using aqua-regia digestion. High-grade samples were further fire-assayed. All samples were collected, handled, catalogued and prepared for shipment by Toklat Resources and Eagle Plains Resources staff.

All exploration and reclamation work was carried out in accordance to Ministry of Environment, Ministry of Mines and WCB regulations.

Total expenditures by Eagle Plains Resources on the property in 2000 were \$20,321.44

2000 Program Results (Fig. 2)

Geological Mapping

2000 geological mapping by Charlie Greig confirmed the presence of Paleozoic Upper Aldridge – Lower Creston Formation rocks of the Purcell SuperGroup on the eastern and central part of the property. On the western part of the property, most of the geology has historically been described as dolomites and siltstones of the Coppery Creek(Dutch Creek) and LaFrance Creek members of the Dutch Creek group(Reesor,1996). Mapping in 2000 extended the probable extent of Upper Aldridge-Lower Creston rocks to the west. These include phyllitic, thin laminated to thin bedded, generally non-calcareous mudrocks with local green weathering siltstone and local quartzite beds. Greig describes these rocks as essentially the same composition as rocks to the east assigned to the Upper Aldridge-Lower Creston Formation. West of these rocks is a belt of poorly exposed, poorly defined mudrocks which grade into a sequence of thin bedded to laminated calc-silicate rocks. In the northwest, Greig identified a package of hornfelsed, and partially recrystallized mudrocks, siltstones and sandstones, believed to be part of the contact aureole from the Bayonne Batholith that lies to the west.

On the scale of outcrop, many of the rocks have complex folds and generally exhibit a pervasive fabric. This may indicate that the lithologies defined in the field may not form through going units and may be structurally repeated across folds and faults.

Mapping in the area of the soil geochemical and geophysical anomalies confirmed the lack of surface mineralization and outcrop reported by past operators.

Geochemistry

2000 soil geochemical sampling located a number of base metal geochemical anomalies. Samples JCBO00D29, D30 and D31 returned zinc values greater than 250 ppm over 200 meters in the area of the Arrow Creek headwaters. D31 returned the highest zinc value of 567 ppm, with all three samples anomalous in copper, lead and cadmium. The samples were collected in the area of the contact between calc-silicate and hornfelsed units. Samples JCBO00D22, D23, D24 and D25 returned anomalous silver values over a distance of 300 meters with a high of 1.4 ppm Ag in D24. JCBO00D54 returned a value of 912 ppm zinc from the area near the 1989 Cominco drill collar.

Two of the silt samples collected returned anomalous values. BRBO00S05 returned values of 478 ppm zinc and 3.4 ppm cadmium. Silt JCBO00S23 confirmed the tenor of past silt geochemical results from Arrow Creek, returning values of 59 ppm Cu, 180 ppm Pb, 599 ppm Zn and 2.1 ppm Cd.

Eight of the twelve rock samples collected by Charlie Greig during his mapping traverses returned anomalous base metal values. CGB000R01, R02 and R03, samples of ferricrete material collected on the southeastern property area were anomalous in zinc, returning values of greater than 200 ppm Zn. CGB000R07, a sample of thin bedded calc – silicate float returned values of 487 ppm Zn and 1.3 ppm Ag. Sample CGB000R09, a slaty argillite with local mm to cm scale lenses of euhedral pyrite cubes, contained 259 ppm Zn and 1.0 ppm Ag. CGB000R10 returned the highest copper value of the rock samples collected. The in situ sample of laminated phyllitic mudstone with local cm scale limonitic lenses returned a value of 860 ppm Cu. CGB000R13 was collected near the contact between the hornfelsed and calc-silicate units on the BO1 claim block. Described as a hornfelsed carbonate breccia, the sample had the highest zinc and silver values of the rock samples collected at 663 ppm Zn, 157 ppm Pb and 2.6 ppm Ag. CGB000R14, a sample of quartz veined tremolite – talc skarn with disseminated pyrite, returned

anomalous values of 227 ppm Zn and 1.6 ppm Ag.

Conclusions and Recommendations

Geological work by Eagle Plains Resources and past property operators indicates that the Bohan property hosts an extensive base metal geochemical anomaly. The anomaly is approximately 4 kilometers in length with a central continuous zone of 250 meters by 1.5 kilometers, and contains soil sample values up to 12000 ppm zinc and 4229 ppm lead. This anomaly is in part coincident with an Induced Polarization geophysical anomaly and the best anomaly areas have not been tested by diamond drilling. The generally steep dip of the bedding and the general orientation of the anomalies indicate the potential for thick mineralized horizons. Stratigraphically, the rocks underlying the Bohan property and hosting the geochemical anomalies are believed to be equivalent to the rocks that host the Wilds Creek(Leg) lead-zinc-barite deposit located approximately 10 kilometers southwest of the property boundary.

Cominco Limited tested the Bohan property with a single drillhole in 1989. DDH H-89-1(Az 106° / Dip -48.5°) tested a shallow I.P. geophysical anomaly west of Arrow Creek. The hole collared in a package of brecciated, predominantly carbonate lithologies with clasts of limestone, dolomitic limestone, crystalline quartz and argillite. This breccia unit locally has tremolite – actinolite – talc skarn type alteration. The lower part of the hole intersected well foliated, metamorphosed, interbedded argillite and quartzite. The hole was very weakly mineralized. Trace amounts of disseminated sphalerite and galena were reported from within the upper breccia zone. The lower interbedded argillite – quartzite unit contained pyrite as disseminations and coarse crystalline aggregates with up to 5% pyrite over 10 –20 cm intervals. The hole was completed to a depth of 147.8 meters(485 feet). It was concluded that the I.P. response was primarily related to the presence of pyrite(Anderson, 1989). The hole was collared approximately 2.0 kilometers north of the strongest coincident I.P. and geochemical anomaly area.

Further work is required to evaluate the Bohan property for the source of the extensive base metal geochemical anomaly. The lack of outcrop in the area of the best anomalies makes diamond drill testing the most effective tool for defining the source of the anomalies. Three approximate diamond drill locations are shown in Fig.2. The highest priority target is the coincident high lead – zinc geochemical and Induced Polarization geophysical anomaly located west of Arrow Creek near the border of the BO3 and BO1 claim blocks. Two holes are proposed for this area. In the area of the northern hole, soil geochemical results are in the 250 –500 ppm zinc range, with coincident high lead geochemical results. The I.P. anomaly shows a strong correlation between high chargeability and low resistivity responses (Klein, 1989). These anomalous geochemical and geophysical signatures are consistent with the response of a massive sulphide source. A second potential drill site is located on the southern end of the I.P. anomaly, in an area with extremely anomalous base metal soil geochemistry. Zinc values in this area are over 1000 ppm over an area of approximately 125 meters by 100 meters. The third proposed drill site is located approximately 1.5 kilometers south of this coincident geochemical – geophysical anomaly, in an area that was not covered by the 1989 I.P. survey. Soil geochemical results in this area have outlined a coincident lead – zinc geochemical anomaly that covers an area of approximately 600 meters by 800 meters. All hole collars should be ground truthed to locate any soil geochemical or geophysical stations that may provide control for the collar site. The holes should be drilled to intersect the target stratigraphy at a depth of at least 30 meters and should be continued in order to fully test the anomalous horizons. Bedding in the area generally strikes northeast to southwest, with dips generally steep to the west. In the absence of local bedding measurements, the holes should be drilled at an Azimuth of 100° and a dip of -45°. The presence of local intense outcrop scale deformation noted by Greig in his 2000 mapping should be considered and the top of the holes should be carefully checked to determine core intersection angles with bedding. The diamond drilling should be carried out with a heliportable drill staged from one of the access roads that cross the property.

Better control for geological mapping on the Bohan could be provided through the use of airphotos and orthophotos to assist in correlating geological contacts. Mapping traverses should be undertaken over parts of the property that have not been covered.

Soil and silt geochemical sampling should be extended to untested areas of the property. The Wilds Creek deposit, located 10 kilometers south of the Bohan, is a low-grade zinc deposit hosted by Upper Purcell SuperGroup rocks that are stratigraphically equivalent to the Bohan sequence. The mineralization is thought to be of sed-ex and/or manto origin and is associated with barite. Samples from the Bohan should be tested for Ba, which could provide a pathfinder element for similar mineralization.

Ground geophysical magnetic and EM surveys could provide to be a useful tool to better define mineralization trends and to assist in locating drill collars in the absence of outcrop.

Eagle Plains Resources' Bohan property is the site of an extensive highly anomalous base metal geochemical signature which is in part coincident with a very strong I.P. geophysical anomaly. The rocks that host the anomalies are stratigraphically equivalent to rocks that host a small lead-zinc-barite deposit located approximately 10 kilometers from the property boundary. The lack of outcrop in the mineralized areas combined with the generally steep dip of bedding where outcrop is present, the indicates that the Bohan property has the potential to host a very large sed-ex or manto type stratabound base metal deposit. The property is favorably located with respect to hydro power and rail transportation infrastructure, which could be used to ship concentrate to the nearby Cominco Smelter in Trail, B.C.

A budget for the proposed work follows:

PERSONNEL: 40 man days @ \$250.00/day.....	\$10000.00
DIAMOND DRILLING: 3000 feet @ \$15/foot (all-in)	\$45000.00
ANALYTICAL: 300 drill core samples @ \$10.00/sample.....	\$3000.00
50 soil/silt samples @ \$10.00/sample	\$500.00
TRANSPORTATION:	
4WD Vehicle: 20 days x \$50.00/day x 1 vehicles.....	\$1000.00
Mileage: 1500 km x \$.20/km.....	\$300.00
5 ton trailer: 6 days @ \$50.00/day.....	\$300.00
EQUIPMENT RENTAL AND SUPPLIES.....	\$1000.00
MEALS AND ACCOMMODATION.....	\$2500.00
CAMP EQUIPMENT RENTAL: 0.5 mo. @ \$500.00/mo.....	\$250.00
HELICOPTER CHARTER: 8 hours @ \$1000.00/hr	\$8000.00
MISCELLANEOUS:.....	\$1000.00
	SUBTOTAL: \$72850.00
	10 % contingency: \$7000.00
	TOTAL: \$79850.00

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- Termuende, T.J. (2000): *The Bohan Project Executive Summary, Eagle Plains Resources Internal Report*
- Geological Survey of Canada Open File 820; 929; 2721
- Geological Survey of Canada Memoir # 228
- Geological Survey of Canada Map 603A, 1864A
- MEMPR Minfile # 082FSE125

Appendix I
Statement of Qualifications

CERTIFICATE OF QUALIFICATION

I, Charles C. Downie of 122 13th Ave. S. in the city of Cranbrook in the Province of British Columbia hereby certify that:

- 1) I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia (#20137).
- 2) I am a graduate of the University of Alberta (1988) with a B.Sc. degree and have practiced my profession as a geologist continuously since graduation.
- 3) This report is supported by data collected during fieldwork as well as information gathered through research.
- 4) I hold 125,000 shares of Eagle Plains Resources; I Hold an option to purchase a further 25,000 Common Shares of Eagle Plains at \$0.25 per share.

Dated this 30th day of June, 2001 in Cranbrook, British Columbia.



Charles C. Downie, P.Geo.

Appendix II
Statement of Expenditures

STATEMENT OF EXPENDITURES

The following expenses were incurred on the Bohan Property, Nelson Mining Division, for the purpose of mineral exploration between the dates of April 25, 2000 and April 23, 2001.

PERSONNEL

T. Termuende, P. Geo: 3 days x \$425/day	\$1275.00
B. Robison, Geological Technician: 9 days x \$225/day	\$2025.00
J. Campbell: Technician: 8 days x \$225.00/day	\$1800.00

EQUIPMENT RENTAL

4WD Vehicle: 8 days x \$50.00/day	\$400.00
Mileage: 440 km x \$.20/km.....	\$88.00
4WD ATV: 8 days x \$75.00/day.....	\$600.00
Radios (2x): 8 days x \$20.00/day.....	\$160.00
Field Supply: 24.0 man-days x \$25.00/day	\$600.00
Camp Equipment Rental: 0.3 mo x \$500.00/day	\$150.00

OTHER

Meals/Accommodation:	\$983.27
Fuel:	\$380.38
Camp Materials:	\$26.81
Consultants:	\$3424.00
Airfare:	\$329.56
Shipping:	\$847.61
Repairs:	\$96.66
Reclamation Bond:	\$2075.00
Equipment Rental:	\$492.00
Maps / Orthophotos / Reproduction:	\$136.42
Filing Fees:	\$3288.00
Analytical:	\$1294.00
Report Writing/Reproduction (est)	\$2500.00
Handling Fees:	\$923.81
Miscellaneous:	<u>\$561.53</u>
Total:	\$20321.44

Appendix III

Appendix III

Analytical Results : 2000 Exploration Program



BONDAR CLEGG



Geochemical Lab Report

REPORT: V00-01681.0 (COMPLETE)

CLIENT: TOKLAT RESOURCES INC
PROJECT: BOHAN

REFERENCE:

SUBMITTED BY: T. TERMUENDE
DATE RECEIVED: 16-AUG-00 DATE PRINTED: 30-AUG-00

Table with columns: DATE APPROVED, ELEMENT, NUMBER OF ANALYSES, LOWER DETECTION, EXTRACTION, METHOD. Lists elements like Silver, Copper, Lead, Zinc, Molybdenum, Nickel, Cobalt, Cadmium, Bismuth, Arsenic, Antimony, Total Iron, Manganese, Tellurium, Barium, Chrome, Vanadium, Tin, Tungsten, Lanthanum, Aluminum, Magnesium, Calcium, Sodium, Potassium, Strontium, Yttrium, Gallium, Lithium, Niobium, Scandium, Tantalum, Titanium, Zirconium, Sulphur.

Table with columns: SAMPLE TYPES, NUMBER, SIZE FRACTIONS, NUMBER, SAMPLE PREPARATIONS, NUMBER. Row: R ROCK, 12, 2 -150, 12, CRUSH/SPLIT & PULV., 12

REMARKS: Zinc concentration >1% will enhance Tungsten results. Therefore, Tungsten concentration would be greater than true value. There is carryover to the blank and standard due to the high levels of zinc in the samples. RRD 8/22/00

REPORT COPIES TO: MR. TIM TERMUENDE

INVOICE TO: MR. TIM TERMUENDE

This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



BONDAR CLEGG



Geochemical Lab Report

CLIENT: TOKLAT RESOURCES INC
REPORT: V00-01681.0 (COMPLETE)

DATE RECEIVED: 16-AUG-00 DATE PRINTED: 30-AUG-00 PAGE 1 OF 2

PROJECT: BOHAN

Table with columns: SAMPLE NUMBER, ELEMENT UNITS, and various chemical elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Tot, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S) with their respective concentrations in PPM or PCT.



BONDAR CLEGG



Geochemical Lab Report

CLIENT: TOKLAT RESOURCES INC
REPORT: V00-01681.D (COMPLETE)

DATE RECEIVED: 16-AUG-00 DATE PRINTED: 30-AUG-00 PAGE 2 OF 2

PROJECT: BOHAN

Table with columns for STANDARD NAME, ELEMENT UNITS, and various elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Tot, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S) with rows for GS91-2 and ANALYTICAL BLANK.



BONDAR CLEGG



Geochemical Lab Report

REPORT: V00-01588.0 (COMPLETE)

REFERENCE:

CLIENT: TOKLAT RESOURCES INC
PROJECT: BOHAN

SUBMITTED BY: T. TERMUENDE
DATE RECEIVED: 17-AUG-00 DATE PRINTED: 22-AUG-00

Table with columns: DATE APPROVED, ELEMENT, NUMBER OF ANALYSES, LOWER DETECTION, EXTRACTION, METHOD. Lists elements from Ag to B with their respective analysis details.

Table with columns: SAMPLE TYPES, NUMBER, SIZE FRACTIONS, NUMBER, SAMPLE PREPARATIONS, NUMBER. Shows sample S SOIL with 169 analyses, size fractions 1 -80, and preparation DRY, SIEVE -80.

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This report must not be reproduced except in full. The data presented in this report is specific to those samples identified under "Sample Number" and is applicable only to the samples as received expressed on a dry basis unless otherwise indicated



BONDAR CLEGG



Geochemical Lab Report

CLIENT: TOKLAT RESOURCES INC
REPORT: V00-01588.0 (COMPLETE)

DATE RECEIVED: 17-AUG-00 DATE PRINTED: 22-AUG-00 PAGE 1 OF 9

PROJECT: BOHAN

Table with columns: SAMPLE NUMBER, ELEMENT, and various chemical elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S, B) with their respective concentrations in PPM or PCT.



BONDAR CLEGG



Geochemical Lab Report

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REPORT: V00-01588.0 (COMPLETE)

DATE RECEIVED: 17-AUG-00 DATE PRINTED: 22-AUG-00 PAGE 2 OF 9 PROJECT: BOHAN

Table with columns: SAMPLE NUMBER, ELEMENT, and various chemical elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S, B). Rows list sample IDs like JCB000020 through JCB000049 with corresponding concentration values.



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Geochemical Lab Report

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DATE RECEIVED: 17-AUG-00 DATE PRINTED: 22-AUG-00 PROJECT: BOHAN PAGE 3 OF 9

Table with columns: SAMPLE NUMBER, ELEMENT, and various chemical elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S, B) with their respective concentrations in PPM or PCT.



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Geochemical Lab Report

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DATE RECEIVED: 17-AUG-00 DATE PRINTED: 22-AUG-00 PAGE 4 OF 9 PROJECT: BOHAN

Table with columns: SAMPLE NUMBER, ELEMENT, and various chemical elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S, B) with corresponding values in PPM or PCT.



BONDAR CLEGG



VANCOUVER BRANCH

Geochemical Lab Report

CLIENT: TOKLAT RESOURCES INC
REPORT: V00-01588.0 (COMPLETE)

DATE RECEIVED: 17-AUG-00

DATE PRINTED: 22-AUG-00

PROJECT: BOHAN
PAGE 5 OF 9

Table with columns: SAMPLE NUMBER, ELEMENT UNITS, and various chemical elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S, B) with their respective concentrations in PPM or PCT.



BONDAR CLEGG



Geochemical Lab Report

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DATE RECEIVED: 17-AUG-00

DATE PRINTED: 22-AUG-00

PROJECT: BOHAN
PAGE 6 OF 9

Table with columns: SAMPLE NUMBER, ELEMENT, and various chemical elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S, B). Rows include sample IDs like JCB000S05 through JCB000S23 with corresponding concentration values.



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PROJECT: BOHAN

Table with columns for STANDARD NAME, ELEMENT, and various chemical elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S, B). Rows include CANMET STSD-4, ANALYTICAL BLANK, GS91-1, and CANMET LKSD-2.



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Geochemical Lab Report

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DATE RECEIVED: 17-AUG-00 DATE PRINTED: 22-AUG-00 PAGE 8 OF 9

PROJECT: BOHAN

Table with columns: STANDARD NAME, ELEMENT, and various elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S, B). Rows include GS91-2, Number of Analyses, Mean Value, Standard Deviation, and Accepted Value.



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Geochemical Lab Report

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DATE RECEIVED: 17-AUG-00 DATE PRINTED: 22-AUG-00 PAGE 9 OF 9

PROJECT: BOHAN

Table with columns: SAMPLE NUMBER, ELEMENT, and various chemical elements (Ag, Cu, Pb, Zn, Mo, Ni, Co, Cd, Bi, As, Sb, Fe, Mn, Te, Ba, Cr, V, Sn, W, La, Al, Mg, Ca, Na, K, Sr, Y, Ga, Li, Nb, Sc, Ta, Ti, Zr, S, B). Rows include sample IDs like BRB000S09, JCB000015, etc., and their duplicate values.

Appendix IV
Rock Sample Descriptions

Bohan Project

Rock Sample Descriptions

CGBO00R01 ROCK/IN SITU
Ferricrete

CGBO00R02 ROCK/IN SITU
Ferricrete

CGBO00R03 ROCK/IN SITU
Ferricrete

CGBO00R04 ROCK/IN SITU
Ferricrete

CGBO00R05 ROCK/FLOAT
Rusty phyllite

CGBO00R06 ROCK/IN SITU
Phyllite with rusty quartz veins

CGBO00R07 ROCK/FLOAT
Thin bedded calc-silicate; quartzite?

CGBO00R08 ROCK/IN SITU
Dark grey, relatively resistant, calcareous thin bedded siltstone and fine grained sandstone;

CGBO00R09 ROCK/IN SITU
Slaty argillite; local layers with mm to cm scale lenses with euhedral pyrite cubes

CGBO00R10 ROCK/IN SITU
Non calcareous laminated phyllitic mudstone; local cm scale limonitic lenses;

CGBO00R11 ROCK/IN SITU
Non calcareous laminated phyllitic mudstone;

CGBO00R13 ROCK/IN SITU
Hornfelsed rock; carbonate breccia;

CGBO00R14 ROCK/IN SITU
Quartz veined tremolite?talc?skarn rock with diss. pyrite;

2000 GEOCHEMICAL RESULTS

Sample ID	Sample Type	As	Cd	Cu	Pb	Zn	Ag	Al	Ca	Co	Cr	Fe	Mn	Ni	Sr	V	W	Y
JCB0001	Soil	0.1	0.01	1.0	0.05	10.0	0.001	100.0	1000.0	0.01	10.0	100.0	1.0	10.0	100.0	0.01	1.0	10.0
JCB0002	Soil	0.2	0.02	2.0	0.1	20.0	0.002	200.0	2000.0	0.02	20.0	200.0	2.0	20.0	200.0	0.02	2.0	20.0
JCB0003	Soil	0.3	0.03	3.0	0.15	30.0	0.003	300.0	3000.0	0.03	30.0	300.0	3.0	30.0	300.0	0.03	3.0	30.0
JCB0004	Soil	0.4	0.04	4.0	0.2	40.0	0.004	400.0	4000.0	0.04	40.0	400.0	4.0	40.0	400.0	0.04	4.0	40.0
JCB0005	Soil	0.5	0.05	5.0	0.25	50.0	0.005	500.0	5000.0	0.05	50.0	500.0	5.0	50.0	500.0	0.05	5.0	50.0
JCB0006	Soil	0.6	0.06	6.0	0.3	60.0	0.006	600.0	6000.0	0.06	60.0	600.0	6.0	60.0	600.0	0.06	6.0	60.0
JCB0007	Soil	0.7	0.07	7.0	0.35	70.0	0.007	700.0	7000.0	0.07	70.0	700.0	7.0	70.0	700.0	0.07	7.0	70.0
JCB0008	Soil	0.8	0.08	8.0	0.4	80.0	0.008	800.0	8000.0	0.08	80.0	800.0	8.0	80.0	800.0	0.08	8.0	80.0
JCB0009	Soil	0.9	0.09	9.0	0.45	90.0	0.009	900.0	9000.0	0.09	90.0	900.0	9.0	90.0	900.0	0.09	9.0	90.0
JCB0010	Soil	1.0	0.1	10.0	0.5	100.0	0.01	1000.0	10000.0	0.1	100.0	1000.0	10.0	100.0	1000.0	0.1	10.0	100.0
JCB0011	Soil	1.1	0.11	11.0	0.55	110.0	0.011	1100.0	11000.0	0.11	110.0	1100.0	11.0	110.0	1100.0	0.11	11.0	110.0
JCB0012	Soil	1.2	0.12	12.0	0.6	120.0	0.012	1200.0	12000.0	0.12	120.0	1200.0	12.0	120.0	1200.0	0.12	12.0	120.0
JCB0013	Soil	1.3	0.13	13.0	0.65	130.0	0.013	1300.0	13000.0	0.13	130.0	1300.0	13.0	130.0	1300.0	0.13	13.0	130.0
JCB0014	Soil	1.4	0.14	14.0	0.7	140.0	0.014	1400.0	14000.0	0.14	140.0	1400.0	14.0	140.0	1400.0	0.14	14.0	140.0
JCB0015	Soil	1.5	0.15	15.0	0.75	150.0	0.015	1500.0	15000.0	0.15	150.0	1500.0	15.0	150.0	1500.0	0.15	15.0	150.0
JCB0016	Soil	1.6	0.16	16.0	0.8	160.0	0.016	1600.0	16000.0	0.16	160.0	1600.0	16.0	160.0	1600.0	0.16	16.0	160.0
JCB0017	Soil	1.7	0.17	17.0	0.85	170.0	0.017	1700.0	17000.0	0.17	170.0	1700.0	17.0	170.0	1700.0	0.17	17.0	170.0
JCB0018	Soil	1.8	0.18	18.0	0.9	180.0	0.018	1800.0	18000.0	0.18	180.0	1800.0	18.0	180.0	1800.0	0.18	18.0	180.0
JCB0019	Soil	1.9	0.19	19.0	0.95	190.0	0.019	1900.0	19000.0	0.19	190.0	1900.0	19.0	190.0	1900.0	0.19	19.0	190.0
JCB0020	Soil	2.0	0.2	20.0	1.0	200.0	0.02	2000.0	20000.0	0.2	200.0	2000.0	20.0	200.0	2000.0	0.2	20.0	200.0
JCB0021	Soil	2.1	0.21	21.0	1.05	210.0	0.021	2100.0	21000.0	0.21	210.0	2100.0	21.0	210.0	2100.0	0.21	21.0	210.0
JCB0022	Soil	2.2	0.22	22.0	1.1	220.0	0.022	2200.0	22000.0	0.22	220.0	2200.0	22.0	220.0	2200.0	0.22	22.0	220.0
JCB0023	Soil	2.3	0.23	23.0	1.15	230.0	0.023	2300.0	23000.0	0.23	230.0	2300.0	23.0	230.0	2300.0	0.23	23.0	230.0
JCB0024	Soil	2.4	0.24	24.0	1.2	240.0	0.024	2400.0	24000.0	0.24	240.0	2400.0	24.0	240.0	2400.0	0.24	24.0	240.0
JCB0025	Soil	2.5	0.25	25.0	1.25	250.0	0.025	2500.0	25000.0	0.25	250.0	2500.0	25.0	250.0	2500.0	0.25	25.0	250.0
JCB0026	Soil	2.6	0.26	26.0	1.3	260.0	0.026	2600.0	26000.0	0.26	260.0	2600.0	26.0	260.0	2600.0	0.26	26.0	260.0
JCB0027	Soil	2.7	0.27	27.0	1.35	270.0	0.027	2700.0	27000.0	0.27	270.0	2700.0	27.0	270.0	2700.0	0.27	27.0	270.0
JCB0028	Soil	2.8	0.28	28.0	1.4	280.0	0.028	2800.0	28000.0	0.28	280.0	2800.0	28.0	280.0	2800.0	0.28	28.0	280.0
JCB0029	Soil	2.9	0.29	29.0	1.45	290.0	0.029	2900.0	29000.0	0.29	290.0	2900.0	29.0	290.0	2900.0	0.29	29.0	290.0
JCB0030	Soil	3.0	0.3	30.0	1.5	300.0	0.03	3000.0	30000.0	0.3	300.0	3000.0	30.0	300.0	3000.0	0.3	30.0	300.0
JCB0031	Soil	3.1	0.31	31.0	1.55	310.0	0.031	3100.0	31000.0	0.31	310.0	3100.0	31.0	310.0	3100.0	0.31	31.0	310.0
JCB0032	Soil	3.2	0.32	32.0	1.6	320.0	0.032	3200.0	32000.0	0.32	320.0	3200.0	32.0	320.0	3200.0	0.32	32.0	320.0
JCB0033	Soil	3.3	0.33	33.0	1.65	330.0	0.033	3300.0	33000.0	0.33	330.0	3300.0	33.0	330.0	3300.0	0.33	33.0	330.0
JCB0034	Soil	3.4	0.34	34.0	1.7	340.0	0.034	3400.0	34000.0	0.34	340.0	3400.0	34.0	340.0	3400.0	0.34	34.0	340.0
JCB0035	Soil	3.5	0.35	35.0	1.75	350.0	0.035	3500.0	35000.0	0.35	350.0	3500.0	35.0	350.0	3500.0	0.35	35.0	350.0
JCB0036	Soil	3.6	0.36	36.0	1.8	360.0	0.036	3600.0	36000.0	0.36	360.0	3600.0	36.0	360.0	3600.0	0.36	36.0	360.0
JCB0037	Soil	3.7	0.37	37.0	1.85	370.0	0.037	3700.0	37000.0	0.37	370.0	3700.0	37.0	370.0	3700.0	0.37	37.0	370.0
JCB0038	Soil	3.8	0.38	38.0	1.9	380.0	0.038	3800.0	38000.0	0.38	380.0	3800.0	38.0	380.0	3800.0	0.38	38.0	380.0
JCB0039	Soil	3.9	0.39	39.0	1.95	390.0	0.039	3900.0	39000.0	0.39	390.0	3900.0	39.0	390.0	3900.0	0.39	39.0	390.0
JCB0040	Soil	4.0	0.4	40.0	2.0	400.0	0.04	4000.0	40000.0	0.4	400.0	4000.0	40.0	400.0	4000.0	0.4	40.0	400.0
JCB0041	Soil	4.1	0.41	41.0	2.05	410.0	0.041	4100.0	41000.0	0.41	410.0	4100.0	41.0	410.0	4100.0	0.41	41.0	410.0
JCB0042	Soil	4.2	0.42	42.0	2.1	420.0	0.042	4200.0	42000.0	0.42	420.0	4200.0	42.0	420.0	4200.0	0.42	42.0	420.0
JCB0043	Soil	4.3	0.43	43.0	2.15	430.0	0.043	4300.0	43000.0	0.43	430.0	4300.0	43.0	430.0	4300.0	0.43	43.0	430.0
JCB0044	Soil	4.4	0.44	44.0	2.2	440.0	0.044	4400.0	44000.0	0.44	440.0	4400.0	44.0	440.0	4400.0	0.44	44.0	440.0
JCB0045	Soil	4.5	0.45	45.0	2.25	450.0	0.045	4500.0	45000.0	0.45	450.0	4500.0	45.0	450.0	4500.0	0.45	45.0	450.0
JCB0046	Soil	4.6	0.46	46.0	2.3	460.0	0.046	4600.0	46000.0	0.46	460.0	4600.0	46.0	460.0	4600.0	0.46	46.0	460.0
JCB0047	Soil	4.7	0.47	47.0	2.35	470.0	0.047	4700.0	47000.0	0.47	470.0	4700.0	47.0	470.0	4700.0	0.47	47.0	470.0
JCB0048	Soil	4.8	0.48	48.0	2.4	480.0	0.048	4800.0	48000.0	0.48	480.0	4800.0	48.0	480.0	4800.0	0.48	48.0	480.0
JCB0049	Soil	4.9	0.49	49.0	2.45	490.0	0.049	4900.0	49000.0	0.49	490.0	4900.0	49.0	490.0	4900.0	0.49	49.0	490.0
JCB0050	Soil	5.0	0.5	50.0	2.5	500.0	0.05	5000.0	50000.0	0.5	500.0	5000.0	50.0	500.0	5000.0	0.5	50.0	500.0
JCB0051	Soil	5.1	0.51	51.0	2.55	510.0	0.051	5100.0	51000.0	0.51	510.0	5100.0	51.0	510.0	5100.0	0.51	51.0	510.0
JCB0052	Soil	5.2	0.52	52.0	2.6	520.0	0.052	5200.0	52000.0	0.52	520.0	5200.0	52.0	520.0	5200.0	0.52	52.0	520.0
JCB0053	Soil	5.3	0.53	53.0	2.65	530.0	0.053	5300.0	53000.0	0.53	530.0	5300.0	53.0	530.0	5300.0	0.53	53.0	530.0
JCB0054	Soil	5.4	0.54	54.0	2.7	540.0	0.054	5400.0	54000.0	0.54	540.0	5400.0	54.0	540.0	5400.0	0.54	54.0	540.0
JCB0055	Soil	5.5	0.55	55.0	2.75	550.0	0.055	5500.0	55000.0	0.55	550.0	5500.0	55.0	550.0	5500.0	0.55	55.0	550.0
JCB0056	Soil	5.6	0.56	56.0	2.8	560.0	0.056	5600.0	56000.0	0.56	560.0	5600.0	56.0	560.0	5600.0	0.56	56.0	560.0
JCB0057	Soil	5.7	0.57	57.0	2.85	570.0	0.057	5700.0	57000.0	0.57	570.0	5700.0	57.0	570.0	5700.0	0.57	57.0	570.0
JCB0058	Soil	5.8	0.58	58.0	2.9	580.0	0.058	5800.0	58000.0	0.58	580.0	5800.0	58.0	580.0	5800.0	0.58	58.0	580.0
JCB0059	Soil	5.9	0.59	59.0	2.95	590.0	0.059	5900.0	59000.0	0.59	590.0	5900.0	59.0	590.0	5900.0	0.59	59.0	590.0
JCB0060	Soil	6.0	0.6	60.0	3.0	600.0	0.06	6000.0	60000.0	0.6	600.0	6000.0	60.0	600.0	6000.0	0.6	60.0	600.0
JCB0061	Soil	6.1	0.61	61.0	3.05	610.0	0.061	6100.0	61000.0	0.61	610.0	6100.0	61.0	610.0	6100.0	0.61	61.0	610.0
JCB0062	Soil	6.2	0.62	62.0	3.1	620.0	0.062	6200.0	62000.0	0.62	620.0	6200.0	62.0	620.0	6200.0	0.62	62.0	620.0
JCB0063	Soil	6.3	0.63	63.0	3.15	630.0	0.063	6300.0	63000.0	0.63	630.0	6300.0	63.0	630.0	6300.0	0.63	63.0	630.0
JCB0064	Soil	6.4	0.64	64.0	3.2	640.0	0.064	6400.0	64000.0	0.64	640.0	6400.0	64.0	640.0	6400.0	0.64	64.0	640.0
JCB0065	Soil	6.5	0.65	65.0	3.25	650.0	0.065	6500.0	65000.0	0.65	650.0	6500.0	65					