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**APPENDIX 1: PART A**

**SOIL GEOCHEMICAL ASSESSMENT REPORT of the 1990/1991  
PORPHYRY CREEK RECONNAISSANCE**

**Owned By:**

**Teck Corporation**

**Total Energold Corporation**

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**TECK EXPLORATION LTD.**

**960 - 175 Second Avenue**

**Kamloops, B.C.**

**V2E 2E8**

**Located approximately 23 km southeast of  
Johanson Lake, B.C.**

**NTS 94D/8, 94C/5, 12**

**Latitude: 56° 28' North , Longitude: 126° West**

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**22,083**

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## SUMMARY

The Porphyry Creek project covers a 75 km<sup>2</sup> area, 23 km south of Johanson Lake, B.C., in an area of moderately rugged mountains. Regional exploration in 1990 and 1991 has relied on geologic mapping and prospecting, and on the collection of soils and talus fines on contour traverses around the steep mountain slopes. A total of 2034 soil and talus fine samples comprise the survey for both years and an additional 159 soil samples were taken on a grid basis in Bloom Cirque.

The geochemical survey is of high quality, and as a consequence eight major anomalies for one or more of the elements: Au, Cu, Ag, Pb, Zn, Cd, Mo, W, and Co have been defined. Anomalous zones tend to exhibit a high degree of contrast with background, and are very large, having dimensions typically in the 1 to 2 km across range. Four anomalies have been followed up by grid soil sampling and three (two at Porphyry Creek, one at Raven Creek) are the subject of independent reports. An outstanding anomaly centers on Bloom Cirque where cobalt bloom accompanies high values of Cu. The North Fork and East Emer Ridge anomalies are striking in their distribution of Pb and alteration element indicators, as is the Granite Basin anomaly. Anomalous zones are associated with gossanized Takla volcanic bedrock in proximity to diorite intrusions. Additional regional traverses and soil grids have been recommended to evaluate these zones, as well as a relatively untested area in South Sarah Cirque.

Followup is highly recommended. It should be staged, proceeding via additional regional and grid soil surveys where appropriate; ground magnetic surveys and where topography is favourable, IP surveys. Prospecting and geological mapping needs to accompany all work. Emphasis is being placed on continuous chip sampling of outcrop suspected of being the source for soil anomalies at 5 m intervals, assisted by hand trenching where necessary to achieve continuous sections. Drill targets likely can be defined once results of the preliminary program are in hand. Continued followup is highly recommended.

## RECOMMENDATIONS

1. Continued regional exploration of still untested mountainside is recommended. Effort allocated to this endeavour should amount to no more than 10% of the 1992 budget.
2. Detailed evaluation of the five geochemical anomalies not described in companion reports is warranted on a high priority basis.
3. Grid soil sampling employing a line spacing of 100 m and a sample interval of 25 m is recommended where overburden is thought to be thin (i.e. near or in the mountains). Sampling east-southeast of the Raven Grid can be undertaken using a 50 m sample interval, in view of the deeper overburden conditions. Grid surveys, including ground magnetics and possibly IP surveys are recommended below:
 

(a)	North Fork anomaly	:	1 km <sup>2</sup> , 400 samples (25 m interval)
(b)	East Raven Creek anomaly	:	1.5 km <sup>2</sup> , 400 samples (25-50 m interval)
(c)	East Emer Ridge anomaly	:	0.5 km <sup>2</sup> , 200 samples (25 m interval)
(d)	West, North Sarah Cirque	:	0.8 km <sup>2</sup> , 350 samples (25 m interval)
(e)	West, Granite Basin anomaly:		Potential target 0.5 km <sup>2</sup> , 200 samples (25 m interval)
4. Geological mapping and prospecting should accompany evaluation of all targets. The objective is to identify mineral occurrences, alteration and structure which would assist in priority rating of targets.
5. Rock chip sampling at a 5 m sample interval along contour traverses at or upslope of soil anomalies is recommended to proceed diamond drilling. Chip sections should extend into background areas to define halos and alteration patterns. Sample size should be about 5 kg and all samples should be analyzed by multielement methods.

6. Rock chip sampling at 3 m intervals of bedrock exposed in gullies along cirque headwalls would provide information perpendicular to the trenches described in (5) above and is appropriate to followup overburden anomalies located downslope. Such a program would provide information on grade similar to a drill program, albeit sample quality would not be as high.
7. Completion of the program as planned would involve collection of up to 1600 soil samples on soil grids, 350 samples on reconnaissance sampling, and sampling of up to 8 km of trenches (1600 samples at a 5 m interval).
8. All samples would be analyzed at the same laboratory as conducted work for the previous two seasons (Rossbacher Laboratories, Vancouver, B.C.) using the same preparation and analytical procedures.
9. Completion of recommendations (1) through (6) should produce diamond drill targets. Soil anomalies in the east Raven Creek area worthy of followup would need close evaluation of overburden conditions prior to diamond drilling.
10. All drill core should be split and subject to a geochemical Au determination plus a multielement analysis on a routine basis.



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B	Copper	O	Nickel
C	Silver	P	Chromium
D	Arsenic	Q	Vanadium
E	Antimony	R	Barium
F	Bismuth	S	Strontium
G	Lead	T	Calcium
H	Zinc	U	Soil pH
I	Cadmium	V	Magnesium
J	Molybdenum	W	Aluminum
K	Tungsten	X	Potassium
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## INTRODUCTION

Purpose of the exploration program in 1991 was to continue an evaluation of the base and precious metal potential of the Porphyry Creek area begun in 1990. Emphasis was placed on porphyry style copper and gold mineralization. The exploration was conducted between July 10, 1991 and September 9th, 1991 and involved mapping at 1:10,000 scale, prospecting and contour soil/talus fine sampling. A soil grid was positioned over the Porphyry Creek and Bloom Cirque areas. Soil samples were collected on grids at 25 m intervals along lines 100 m apart. Results and recommendations for the Porphyry Creek grid program can be found in Part B (Hoffman, 1992). This report describes results of the Porphyry Creek and Bloom Cirque geochemical reconnaissance.

## LANDSCAPE, TOPOGRAPHY, VEGETATION AND GLACIATION

The area is underlain by rugged ridges flanked by steep talus slopes. Broad Cirque and wide main valley floors are also characteristic of the landscape. Alpine vegetation covers more gentle slopes and higher portions of the valleys. Scrub willow, alder and forests of spruce thrive at lower elevations. Treeline is about 1500 m a.s.l. Property elevations range from 1130 to 2300 m a.s.l. A number of small alpine lakes are scattered over the property.

Most of the region was covered by a Pleistocene ice sheet and later modified by alpine glaciation. Ice movement was from southwest to northeast. Glacial till is restricted to the floors of valleys and cirques, extending roughly to treeline. Thickness varies from greater than 15 m in valley bottoms to less than 1 m on the upper slopes.

## GEOCHEMICAL SURVEY

### Sample Collection and Analysis

The Porphyry Creek project area covers approximately 75 km<sup>2</sup> area. Priority rating of areas of interest is mandatory if exploration is to proceed in a cost effective fashion. The survey area is mountainous, and a geochemical program was conceived to evaluate the ground using contour soil and talus fine sampling, complimented by chip sampling of the

talus blocks and outcrop. These latter two media are not considered in this report. Sampling was conducted at a 50 m interval, and sample locations are shown on Fig. 15.

A total of 1367 soil and talus fine samples collected in 1990 were augmented by an additional 677 samples collected in 1991. One hundred and fifty-nine (159) samples were taken along the base of Bloom Cirque. Two thousand four hundred and one (2401) samples were taken at Porphyry Creek. All sample stations were marked with an orange flag on which was affixed the sample number. Field notes were recorded at each station.

Approximately 500 gm of material were collected in a wet strength Kraft paper envelope and labelled on site. Samples were shipped to Vancouver, B.C., where they were oven dried, sieved to minus 80-mesh and analyzed for Au on a 10 gm split using a fire assay preconcentration technique and for a suite of 32 aqua regia leachable elements on a second 0.5 gm split. Analytical data are reported in Appendix 1 and analytical procedures are reported in Appendix 2.

### **Method of Data Evaluation**

Geochemical data are summarized on histograms, labelled Fig. 16. Method of interpretation of the histograms is given in Appendix 3. The interpretation permits assignment of different size-coded dots or diamonds to represent the data in map form. The geochemical maps use these selected intervals to represent the results.

Appreciation of multielement surveys demands that maps be no larger than page size, in this case 39 cm by 26 cm. Porphyry Creek soil grid results as well as cirque headwall reconnaissance data are shown on Fig. 17 at a 1:10,000 scale.

### **Description of Results**

#### **1. Gold (Fig. 6A, 7A, 8A)**

Au backgrounds in the steep mountain environment are high, with an anomaly threshold established at 90 ppb and maximum values are in the 200 to 2000 ppb

range. Anomalous zones tend to have dimensions in the 250 m to 500 m across, full dimensions uncertain in view of the sampling plan.

The Porphyry Creek drainage is associated with extensive zones of Au enhancement, both to the west and to the north of the creek, mostly in areas underlain by diorite to quartz monzonite (Fig. 6A). Weaker and more heterogeneous zones of Au enhancement lie to the east-southeast of the Porphyry Creek Cirque. Au anomalies described above are on the opposite side of the mountain range associated with the SOUP claims Au-bearing skarn.

Gold anomalies, from Porphyry Creek in the southwest, trend approximately 8 km northeastward within a zone 2 to 3 km wide. Au enhancement is prominent on the north and west side of Bloom Cirque. Despite conducting the grid soil survey within Bloom Cirque in 1991, Au anomalies are not fully delineated (Fig. 8A) particularly in the north and east. The anomalous zone is at least 800 m wide by 1500 m long, associated with diorite intruding volcanics. Strongest Au enrichment lies along the east side of the grid, near the base of talus slopes, suggesting the Au source lies upslope. Au has also accumulated north of Bloom Cirque, to the west of North Sarah Cirque. Au enhancement is seen in the headwalls of South Sarah Cirque where sampling follows a more open plan. Both latter anomalous areas are underlain by volcanics (Fig. 7A).

Sampling at Raven Creek (Fig. 7A) has defined an anomalous zone exceeding 40 ppb having dimensions of 600 m X 900 m associated with and peripheral to dioritic intrusions at the northern limit of the Raven prospect. Detailed sampling at Raven has been described in a companion report (Hoffman, 1990).

Au enhancement to levels comparable to Raven characterize East Emer Ridge. Somewhat higher anomalous Au levels are seen near the entrance to Granite Basin

over a lateral distance of almost 2 km. Background Au contents are typically less than 20 ppb.

2. **Copper** (Fig. 6B, 7B, 8B)

Cu contents of soils are substantially lower than average contents of talus fines (150 ppm versus 450 ppm, respectively). This is typical, reflecting Cu leaching from soils. Cu data have consequently been normalized to upgrade the significance of anomalous soil values. The regional surveys highlights the Bloom Cirque and vicinity as the most outstanding Cu anomaly of the program (Fig. 6B). The zone of anomalous Cu begins near East Croydon Creek in the west, and extends at least 2.0 km eastward. North-south dimensions are in the order of 1.5 to 2.5 km. Maximum values are in the 2000 to 4000 ppm range.

Cu contents within Bloom Cirque are outstanding, with almost all values exceeding 350 ppm, except over the southernmost entrance to the cirque (Fig. 8B). Maximum values are seen in regional sampling along the western and northern cirque walls. Values are lower in the east, but many exceed 1000 ppm and high values are found along a regional traverse some 300 to 500 m to the east of the grid (Fig 7B). The character of the Cu distribution on the cirque floor suggests Cu mineralization will be found within the cirque as well as at upper elevations.

Porphyr Creek (Fig. 6B) is associated with weak Cu enhancement, in narrow zones which typically correlate with Au or Ag-rich samples. Surprisingly, Raven Creek (Fig. 7B) is not reflected by an outstanding Cu anomaly, despite the fact that a prominent Cu anomaly has been defined by detailed grid work. Anomalous conditions at Raven are reflected by Cu values exceeding 450 ppm in talus fines or 150 ppm in soils. The case history at Raven is important in determining methodologies which will allow identification of significant anomalies elsewhere in the region. Reconnaissance sampling east of 1990 work has indicated

substantial Cu accumulation in the lowlands in the east in addition to Cu enrichment along Raven Creek which may represent an alluvially transported feature.

Sampling along East Emer Ridge has identified several anomalous zones which lie downslope of Au and Ag anomalies and correlate somewhat with enhanced As geochemistry. The strength of anomalous conditions suggests sampling should extend into the lowlands. Cu anomalies tend to be independent of the location of Au-rich zones.

Cu values vary homogeneously over the southeast corner of the survey, with elevated values in Granite Basin and in the two cirque headwalls to the south. Enhanced values are also seen along Kliyul Creek (at upper elevations) and along the south headwall of South Sarah Cirque.

3. **Silver** (Fig. 6C, 7C, 8C)

Most Ag values are at detection limits. Homogeneous Ag accumulation to levels exceeding 1.0 ppm is prominent on the north and west sides of Bloom Cirque (Fig. 6C, 8C), at Raven Creek (Fig. 7C) and around Granite Basin (Fig. 7C). Anomalous Ag values reach 2 to 6 ppm and higher. Anomaly dimensions are in the 400 to 500 m range and are found in both dioritic and volcanic terrains. Significant second order anomalies are noted on East Emer Ridge (Fig. 7C), and at North Fork (Fig. 6C). Elevated backgrounds to the south of South Sarah Cirque appear to be an analytical artifact and no anomalies are outlined.

4. **Arsenic** (Fig. 6D, 7D, 8D)

As backgrounds are somewhat higher in talus fines than in soils. As levels are low in the west (Fig. 6D), typically at levels below 12 ppm, but become progressively higher in the east where backgrounds average 25 ppm. The highest contrast anomalies are associated with Raven Creek, East Emer Ridge and

Granite Basin (Fig. 7D) in a distinct northwestward regional trend. The As-rich zone in each case is much larger than the corresponding Au anomaly, having dimensions of 1000 m by 1500+ m, perhaps indicating a zoning relationship. By contrast, As anomalies in the extreme southwest do not accompany Au enrichment. Maximum As levels are 50 to 100 ppm.

Bloom Cirque is associated with minor As enhancement along the western and northern cirque walls (Fig. 8D). Au anomalies south of Bloom Cirque are marginal to a zone of elevated As. North Sarah Cirque has several As anomalies but no Au in the headwall. Correspondence is seen between Au and As at South Sarah Cirque, but the Au anomaly along the north cirque headwall has no As accompaniment.

5. **Antimony** (Fig. 6F, 7F, 8F)

Most Sb values are at detection limits. Spotty Sb enrichment is seen in the Porphyry Creek (Fig. 6E), Bloom Cirque (Fig. 8E), Raven Creek (Fig. 7E), and East Emer Ridge (Fig. 7E) areas. More substantial enhancement is seen in the headwaters of East Croydon Creek (Fig. 6E), and south of Granite Basin (Fig. 7E). The analytical validity of the Sb data needs to be checked prior to expending large sums of money following up Sb anomalies.

6. **Bismuth** (Fig. 6F, 7F, 8F)

Bi anomalies typically comprise single or pairs of samples which are widely distributed on the regional sampling, mostly remote from Au anomalies.

7. **Lead** (Fig. 6G, 7G, 8G)

Pb levels are slightly higher in talus fines than in soils. Anomaly thresholds are about 35 ppm in both media, and maximum values are in the 50 to 500 ppm range. Pb levels exceeding 100 ppm should be investigated for their indication of proximity to galena occurrences.



The largest and most homogeneous anomaly is located in the far northwest (Fig. 6G). Pb concentrations often exceeding 100 ppm are found at North Fork along the headwaters of East Croydon Creek, overlying an area exceeding 3000 by 1000 m. This Pb anomaly appears associated with a dioritic intrusion into Takla group volcanics. A second zone of Pb accumulation, possible having similar dimensions, characterizes hills around the Granite Basin area (Fig. 7G). A Pb anomaly north and northwest of Bloom Cirque lies to the west of the Au anomaly and is associated with Ag enrichment (Fig. 8G). A second Ag anomaly along the western cirque headwall is not Pb-rich. The Pb-rich zone is much larger than the Ag anomaly, extending to East Croydon Creek, and perhaps across the creek. The Pb anomaly on the east side of East Croydon Creek is 1.5 km by 1.5 km in size. By contrast, the Bloom Cirque Cu anomaly extends twice as far to the south as does the Pb feature.

Four other Pb anomalies are outlined: at Porphyry Creek (Fig. 6G), at Raven (Fig. 7G), at East Emer Ridge (Fig. 7G), and in the west of south Sarah Cirque (Fig. 7G). All have about the same dimension of 500 to 700 m and all are open. Maximum values typically exceeding 100 ppm, except the zone in the South Sarah Cirque headwall. All have at least a partial Ag association, although Ag anomalies tend to be smaller than corresponding Pb features. The Raven and East Emer Ridge anomalies lie within an As-rich environment, as does the Granite Basin area. Correlation of Pb with Cu is commonly weak, with the exception of the zone along East Emer Ridge, the Granite Basin area, and the north Bloom Cirque region.

8. **Zinc** (Fig. 6H, 7H, 8H)

Zn contents are higher in soils compared to talus fines (185 ppm versus 150 ppm anomaly thresholds, respectively). High contrast anomalies lie in proximity to Granite Basin (Fig. 7H), on the north side of Bloom Cirque (Fig. 6H) and in the Raven Creek area (Fig. 7H). The Zn anomaly in the Granite Basin area is much

larger than the corresponding Pb feature whereas the Zn anomaly is smaller than is the corresponding Pb feature northwest of Bloom Cirque, although within the cirque patterns are almost identical (Fig. 8H). Maximum contents are in the 500 to 1500+ ppm. These high values are unusual, and suggest sphalerite occurrences are necessary to explain the soil anomalies (sphalerite has been mapped at Raven). Zn enhancement is common over much of the sampling over the east side of East Croydon Creek (Fig. 6H), suggesting a zonal relationship with Pb.

Enhanced Zn backgrounds typify East Emer Ridge and the south and west sides of South Sarah Cirque. By contrast, the Porphyry Creek area reports Zn values typically less than 100 ppm. Zn typically exhibits a zoned relationship relative to Pb, although coincidence is also noted.

9. **Cadmium** (Fig. 6I, 7I, 8I)

Cd anomalies are rare, lying in the midst of major zones of Zn enhancement at Bloom Cirque (Figs. 6I, 8I), Raven Creek (Fig. 7I), and Granite Basin (Fig. 7I). Maximum Cd values are in the 10 to 30 ppm range.

10. **Molybdenum** (Fig. 6J, 7J, 8J)

Six major Mo anomalies are defined by a regional survey which shows a slight enhancement in talus fines compared to soils (threshold of 12 ppm versus 10 ppm, respectively). The highest contrast and most homogeneous anomaly is associated with diorite and quartz monzonite along the south side of Porphyry Creek (Fig. 6J), where Mo has accumulated to the 50 to 300 ppm range. The soil anomaly reflects a known porphyry Mo deposit.

Substantial enhancement of Mo in two zones is defined in the Raven Creek area (Fig. 7J). Mo anomalies are prominent at North Fork (Fig. 6J), at the mouth of Granite Basin (Fig. 7J), and along the south headwall of South Sarah Cirque.

Anomaly dimensions tend to be in the 500 m to 750 m range, and maximum concentrations are in the 20 to 30 ppm range. Acidic intrusion into Takla volcanics is probably characteristic of anomalous areas.

Enhanced values of Mo in Bloom Cirque lie to the north and west of the cirque (Fig. 6G, 8G). In the north, Mo anomalies resemble Cu, Pb, Zn and Ag features, and to some extent correlate with Au. Pb and Zn are not enhanced in association with the western Bloom Cirque Mo anomaly which extends to Croydon Creek.

11. **Tungsten** (Fig. 6K, 7K, 8K)

The W distribution is dominated by anomalies in the Granite Basin area (Fig. 7K) and along the south side of Porphyry Creek (Fig. 6K) where maximum values are in the 20 to 40 ppm range. W-rich samples are homogeneously distributed. Elsewhere, elevated values probably reflect a higher detection limit than is reported by the laboratory (probably in the order of 5 ppm rather than the 1 ppm quoted). This would explain the line of high values on the west side of Bloom Cirque (Fig. 6K) compared to the line of detection limit values downslope. Line-related enhancement characterizes sampling to the east of South Sarah Cirque and at North Fork.

W solubility is limited in aqua regia. Occurrence of scheelite and powellite in the Porphyry Creek area, down- stream from Karen Creek may be reflected by existing data. Determination of total W is appropriate if W anomalies are important to continued exploration.

12. **Iron** (Fig. 6L, 7L, 8L)

Fe contents of soils are lower than Fe contents of talus fines (thresholds of 6.5% versus 7.0%, respectively). The largest zones of Fe accumulation are found along a northwesterly trend through Raven Creek, East Emer Ridge, and Granite

Basin in the east (Fig. 7L). Zonation is seen between Fe and Au, Cu, Pb, Zn, and Mo. Closest correspondence between elements is seen along East Emer Ridge.

An Fe-rich zone 1 km<sup>2</sup> in size characterizes the north side of Bloom Cirque (Fig. 6L, 8L). The anomaly provides an Fe-rich environment containing the Ag, Cu, Pb, Zn, and most of the As anomalies. Au appears peripherally distributed relative to Fe. Fe has accumulated along Croydon Ridge but Fe enhancement is not prominent at the Mo-rich area south of Porphyry Creek. The Croydon Ridge Fe-rich zone is associated with weak Cu, Pb, Mo, and Ag anomalies in this region. Low Fe contents of less than 4.2% characterize traverses as lower alterations along major stream channelways.

13. **Manganese** (Fig. 6M, 7M, 8M)

Mn contents are higher in talus fines than in soils (thresholds 1800 ppm versus 1600 ppm, respectively). The Mn distribution resembles that of Fe in the east but high values are commonly displaced eastward in the east (Fig. 7M). Zonation describes the Mn-Fe relationship in the west with Mn accumulating to the northwest of Bloom Cirque (Fig. 6M). Smaller anomalous conditions characterize East Emer Ridge, the Raven grid, and the west side of South Sarah Cirque. Maximum values are in the 3000 to 5000 ppm. Of all the elements, the distribution of Zn most closely resembles that of Mn, probably reflecting a scavenging relationship. The Mn distribution is homogeneous, suggesting the element is controlled by primary features in underlying bedrock. Lowest Mn contents of less than 400 ppm (soils) to 700 ppm (talus fines) are found at lower elevations of Croydon and Raven Creeks.

14. **Cobalt** (Fig. 6N, 7N, 8N)

Co contents are higher in talus fines compared to soils (thresholds of 55 ppm versus 40 ppm, respectively). A large number of Co values exceed 55 ppm, and

the name Bloom Cirque was chosen to reflect the presence of cobalt bloom in one of these anomalies (Fig. 8N). Similarly high Co values are found to the north and northwest of Bloom Cirque (Fig. 6N), following the distribution of Fe, Mo, Pb, Zn, and Cu and to some extent Ag and Au.

Comparably high Co contents are widely distributed in the Granite Basin area (Fig. 7N), following the Mn distribution. Similarly, Co accumulation on East Emer Ridge follows Mn whereas the Co anomaly at Raven is larger than the Mn feature. Co contents are not anomalous to the north of the north arm of Raven Creek where Mn accumulation is substantial. Co anomalies are much more widespread than Mn along the south side of South Sarah Cirque and 1 km to the south along the Kliyul Creek valley. Co backgrounds are much higher at upper elevations at the latter location compared to the line 300 to 400 m downslope.

Co values are lowest west of West Croydon Creek (Fig. 6M), although a number of anomalous values exceeding 100 ppm are found along the north side of Croydon Ridge. It is somewhat peculiar that backgrounds along adjacent reconnaissance lines are so different, suggesting a sampling, or more likely an analytical artifact. The difference is most notable in the southeast.

15. Nickel (Fig. 6O, 7O, 8O)

The Ni distribution shows an extreme range of concentrations, with higher levels in talus fines (threshold 90 ppm) compared to soils (threshold 65 ppm). Three major zones of Ni enhancement are outlined, with elevated Ni contents in the 50 to 300 ppm range. Dimensions range from 5 km east-west and 1.5 km north-south, north of Bloom Cirque (Fig. 6O), trending across East Croydon Creek and extending to the headwall of North Sarah Cirque. Contrast is extreme, as seen in the Bloom Cirque detailed survey (Fig. 8O). High contrast Ni anomalies having dimensions about 500 m across are located in the Porphyry Creek valley (Fig. 6O). Elevated Ni levels are probably reflecting andesitic or basaltic units

of the Takla volcanics. Presence or absence of high Ni is not critical to the occurrence of Au, Ag, Cu, Mo, Fe, Mn and Co anomalies, but it does appear to be exerting some control on the distributions of Pb, As and Zn.

Blocks of Ni enhancement characterize the mountain peak west of Granite Basin (Fig. 7O) and the east side of South Sarah Cirque. Ni-rich talus fines highlight the eastern limit of the regional sampling at Bloom Cirque (Fig. 7O) and the west side of South Sarah Cirque.

Low Ni contents of less than 25 to 35 ppm characterize Raven Creek East Emer Ridge and much of Bloom Cirque proper. Low Ni contents also characterizes a granitic intrusion to the southwest of Porphyry Creek and over portions of the survey in the extreme northwest.

16. **Chromium** (Fig. 6P, 7P, 8P)

The Cr distribution is very similar to that of Ni, although differences are apparent. For example, the Cr anomaly associated with Croydon Ridge (Fig. 6P) extends at least one extra km upslope of the Ni feature and is associated with a 3 km by 1.5 km block of ground. Cr levels are consistent with an underlying geology of mafic volcanics. The major Ni anomaly north of Bloom Cirque, extending from East Croydon Creek to North Sarah Cirque, is reproduced by Cr, although contrast is not as great (Fig. 6P, 7P).

The Cr anomaly extends further eastward than Ni, including East Emer Ridge (Fig. 7P). The Ni anomaly along the east side of Bloom Cirque (Fig. 7P) and west side of South Sarah Cirque is reproduced by the Cr distribution. An additional Cr-rich area lies southwest of Bloom Cirque (Fig. 6P), a feature not seen in the Ni distribution.

The Cr pattern has been adversely affected by an analytical problem which developed part way through the analysis program. This has resulted in low values being reported in the Granite Basin area where enriched conditions would have been predicted based on Ni patterns. Similarly, low Ni in the far northwest and east of the Raven grid are probably analytical artifacts.

17. **Vanadium** (Fig. 6Q, 7Q, 8Q)

The V distribution does not follow Fe, a relationship which is fairly common for soil surveys. Highest V backgrounds exceeding a threshold of 140 to 150 ppm to maxima of 200 to 250 ppm lie north of Porphyry Creek and west of Bloom Cirque (Fig. 6Q). High V is not commonly accompanied by high Au, although a sympathetic relationship is seen with Cu. Anomaly contrast is exceptional, as seen in Bloom Cirque proper (Fig. 8Q) where an east-west trend is noted. Elements such as Ag, Pb, and Mo have accumulated in V-low zones, whereas some overlap is seen between Zn and Mn and V.

Anomalous distribution of V is much more clearly defined in the east (Fig. 7Q), where zones of enhancement are seen in the Raven Creek, North Sarah Cirque, East Emer Ridge, and Granite Basin areas. Low values of less than 100 ppm are common along Kliyul Creek, from south of Bloom Cirque to south of Granite Basin. Zones of comparably low V values trend in a northwesterly direction along the north arm of Raven Creek to north of Granite Basin.

18. **Barium** (Fig. 6R, 7R, 8R)

Ba contents of talus fines and soils are about equal. Maximum Ba contents lie at North Fork (Fig. 6R) where values are in the 500 to 2000 ppm range, associated with both a dioritic intrusion and host Takla volcanic rocks. Ba correlates with Ag, Au, Pb, and Mo and lies to the north of a zone of elevated Mn, Ni, and Cr values. Somewhat similar in character but smaller in size is a Ba anomaly northwest of Bloom Cirque (Fig. 6R) overlying about a 1 km<sup>2</sup> area.

This zone contains smaller Zn, Ag, Pb, Zn, Mo, and Mn features and lies within a larger Cu and Co anomaly. Ba accumulation appears to crosscut major changes in underlying geology as indicated by patterns in the distribution of Ni and Cr.

Within Bloom Cirque (Fig. 8R), the regional anomaly in the northwest is a high contrast feature. Lower levels of Ba accumulation characterize the east side of the cirque. Anomalous Ba contents typify the quartz monzonite intrusion to the southwest of Porphyry Creek, whereas sampling along Porphyry, Croydon, and most of Kliyul Creeks report low Ba concentrations of less than 80 ppm.

Enhanced Ba, including values of 500 to 1400 ppm, lie in samples along East Emer Ridge, correlating with Au, Ag, Pb, Zn, Fe, Mn and Co and lying peripheral to As, Cu and V. Substantial Ba accumulation zones characterize ground northeast of Raven, but these anomalies are remote from precious and base metal, and pathfinder element anomalies. Ba enrichment in the granite Basin area is also prominent, but Ba-rich zones are commonly peripheral to zones of Au, Cu, Ag, As, Pb, An, Mo, and W anomalies.

19. **Strontium** (Fig. 6S, 7S, 8S)

Sr threshold levels are significantly higher in talus fines compared to soils (thresholds of 180 ppm versus 135 ppm, respectively). The Sr distribution is homogeneous, and in view of the survey topography, Sr patterns are believed to reflect underlying geology (rather than seepage zones to be expected if relief was gentle).

Most extensive zones of Sr accumulation includes areas covering over 4 km<sup>2</sup> at North Fork (Fig. 6S), and a slightly larger area around Granite Basin in the southeast (Fig. 7S). Maximum values are in the range of 250 to 400 ppm. In both cases, Sr follows Ba, although its anomalous signature is inferior to that of Ba in the northwest and superior to that of Ba in the southeast.



An extensive zone of Sr enhancement overlying a 1.5 km wide and 800 m deep area lies south and southwest of Bloom Cirque (Fig. 6S). Maximum values are 300 to 500 ppm. Backgrounds are abruptly lower at less than 50 ppm 300 to 400 m downslope. This is possible if downslope dispersion is minimal, but the validity of the analytical results need to be checked, in view of the important implications these data have for interpretation of the genesis of geochemical anomalies elsewhere (i.e., estimate of downslope dispersion distance in steeply sloping terrain). Within Bloom Cirque proper (Fig. 8S), the eastern cirque headwall has a larger anomalous signature than in the west and the valley floor reports Sr backgrounds of less than 40 ppm.

Sr contents are only weakly enhanced in association with the Kliyul Creek Pluton in the far southwest (Fig. 6S). By contrast, Sr contents are low at less than 30 to 50 ppm associated with the Bloom Cirque Ba anomaly (Fig. 6S). Sr contents are high at Raven Creek (Fig. 7S) where Ba concentrations are low. Sr enhancement is weak along East Emer Ridge and along the southern margin of South Sarah Cirque.

20. **Calcium** (Fig. 6T, 7T, 8T)

Ca concentrations of talus fines are about the same as Ca contents of soils. Backgrounds are lowest in the Porphyry and Croydon Creek areas (Fig. 6T) and south and east of Raven Creek (Fig. 7T), at less than 0.3%. Highest Ca contents, exceeding 1.0% and ranging upwards to 2 to 3% are found along East Emer Ridge and within and north of Granite Basin (Fig. 7T). The Ca pattern resembles that of Sr but contrast is much stronger. Ca accumulation is characteristic at North Fork (Fig. 6T), but contrast is reduced from that seen for Sr.

The Ca distribution weakly resembles that of Sr in the west, south of Bloom Cirque. By contrast, the Kliyul Creek pluton (Fig. 6T) is not Ca-rich, only

volcanics east of the pluton show weakly elevated Ca values. Maximum Ca enhancement around Bloom Cirque is typically between 0.6% and 1%, the pattern not exhibiting as much contrast as seen for Sr. Within the cirque proper, a zone of Ca accumulation to 1 to 1.2% levels lies in the south central portion of the grid (Fig. 8T). Weak Ca enhancement follows ridges in the Raven Creek area (Fig. 7T), particularly north of Cu-Mo anomaly, whereas values are very low in sampling at lower elevations east-southeast of the Raven Creek grid.

The Ca distribution is always examined to identify a noisy character which have implications for sampling quality. The Ca distribution on this project is basically homogeneous, suggesting local bedrock conditions rather than sample composition exert the main controls on Ca levels. Some sampling peculiarities are noted, but none are particularly adversely affecting the appearance of base or pathfinder element distributions. Several samples report Ca contents near 10%, and these are believed to reflect the occurrence of carbonate minerals in bedrock nearby.

21. **Soil pH** (Fig. 6U, 7U, 8U)

Soil pH of talus fines is more alkaline than soil pH (6.5 versus 6.3, respectively, for threshold levels). The most outstanding pH feature is the distinctly alkaline soils within and north of Granite Basin and along East Emer Ridge (Fig. 7U). The pH pattern correlates closely with that of Ca. Alkaline pH is also seen along the ridge between East and West Croydon Creeks (North Fork), in the northeast (Fig. 6U). Distributions of pH and Ca correlate closely with each other.

pH in the Porphyry Creek area (Fig. 6U) and West Croydon Creeks are acidic (pH < 4.9), correlating with areas of low Cu and Zn values. Cu anomalies in this region are commonly contained in more neutral soils. The Bloom Cirque area displays near neutral pH in the midst of the Cu anomaly on the west cirque headwall (Fig. 8U) although Cu anomalies extend to the west, into areas of more acidic soils. Within the cirque proper, much of the valley floor reports pH values

of less than 5.3. Near neutral pH lies north of Bloom Cirque (Fig. 6U) and along East Emer Ridge (Fig. 7U) apparently unrelated to Cu or Zn distributions. Zones of acidic pH lie east-southeast of the Raven Creek grid in an area reporting high Cu values (Fig. 7U).

22. **Magnesium** (Fig. 6V, 7V, 8V)

The Mg distribution is relatively homogeneous, with thresholds in talus fines higher than that in soils (2.7% versus 2.1%, respectively). Lowest values of less than 0.85% characterize the Porphyry Creek area (Fig. 6V), the Kliyul Creek pluton (Fig. 6V), and with of Raven Creek (Fig. 6V).

Mg accumulation in the range of 3 to 4% and greater typifies large blocks of ground around the hilltop west of Granite Basin (Fig 7V) and the area between East Croydon Creek to North Sarah Cirque, north of Bloom Cirque. Mg enhancement covers 3 to 4 km<sup>2</sup> areas and probably reflects Mg-rich volcanic units. At Granite Basin, Mg follows the Co and Ni distributions (Cr data here are faulty), whereas north of Bloom Cirque, Mg follows Mn, Co, Ni, and Cr patterns. Weaker Mg enhancement lies to the west of the Raven Grid (Fig. 6V) and surrounds the Mg low at Porphyry Creek (Fig. 6V).

Bloom Cirque proper (Fig. 8V) exhibits average Mg backgrounds, but a zone of low values (<1.35%) crosscuts the northern portion of the grid in a northwesterly direction. The Raven grid area (Fig. 7V) is reflected by average Mg contents, but low values lie to the east and northeast.

Au, Cu, Ag, As, Pb, An anomalies generally lie remote from Mg-rich zones, although some coincidence is seen in the Porphyry Creek area.

23. **Aluminum** (Fig. 6W, 7W, 8W)

Al displays a striking change from low backgrounds in the west to regionally enhanced values in the east following an approximately northwesterly trend. The Al pattern, defined by values exceeding a threshold of 4.6% in soils and 4.2% in talus fines, contains most of the Au, Ag, Pb, Zn, and Mo anomalies on the eastern mapsheet (Fig. 7W). The regional Al pattern follows As and Fe distributions, although the Al pattern is the most outstanding. Al enhancements to the 5 to 6.5% range is homogeneous in the Raven Creek area. Levels are slightly lower, in 4 to 6% range, along East Emer Ridge and are slightly greater, at 4% to 9%, north and east of Granite Basin. Bloom Cirque and Porphyry Creek anomalies (Fig. 6W) are not within an Al-rich environment; although in detail, an Al-rich (3.3% to 4.0%) zone accompanying V, Mg and Ti crosscuts the Bloom Cirque (Fig. 8U).

Al is an element which can control quality of the survey if results are heterogeneous. Survey quality here is probably not being adversely affected by erratic scavenging by clay minerals.

24. **Potassium** (Fig. 6X, 7X, 8X)

K contents are higher in talus fines than in soils (thresholds of 0.35% versus 0.25%, respectively). Anomalous conditions are well developed (i.e., high contrast) associated with the Mo anomaly along Porphyry Creek (Fig. 6X), with Cu zones around Bloom Cirque (Fig. 6X, 8X) and associated with Au and Cu anomalies at Raven Creek (Fig. 7X). Exceptional enhancement between West and East Croydon Creeks (North Fork) overlies at least a 4 km<sup>2</sup> area and corresponds with anomalous conditions in the distribution of Pb, Mo, Ba, Sr and Ca. Anomaly development of 0.5% to 1.0% is relatively strong compared to backgrounds of less than 0.1%. K enrichment is also typical of the Granite Basin and areas to the north of Granite Basin (Fig. 7X). The high levels of K

enhancement within anomalous zones is unusual, and if not determined to be an analytical artifact, reflects K-rich bedrock.

Low K levels of less than 0.1% are widespread. These characterize much of the West Croydon Creek valley (Fig. 6X), the Kliyul Creek valley (Fig. 6X, 7X) (except in association with the Kliyul Creek pluton in the extreme southwest), East Raven Creek (Fig. 7X), and the region between and within North and South Sarah Cirques (Fig. 7X).

25. **Titanium** (Fig. 6Y, 7Y, 8Y)

Ti backgrounds are about the same in soils as in talus fines. Two major zones of Ti enrichment some 2 km<sup>2</sup> in area, are found in the West Croydon Creek drainage (Fig. 6Y) and in North Sarah Cirque - East Raven Creek Area (Fig. 7Y). Maximum values exceed a threshold of about 0.25% to 0.5%. A similarly sized zone with a somewhat reduced contrast (maximum values in the 0.2% to 0.4% range) lies along the east end of Croydon Ridge (Fig. 6Y). Ti-rich zones are typically remote from base, precious, or pathfinder element anomalies, although in Bloom Cirque some coincidence is noted (Fig. 8Y). Low Ti backgrounds primarily lie along the banks of Kliyul Creek.

26. **Phosphorus** (Fig. 6Z, 7Z, 8Z)

P contents are higher in talus fines than in soils. Backgrounds are extremely low at less than 0.07% west of West Croydon Creek (Fig. 6Z).

P contents are exceptionally enriched south of Bloom Cirque (Fig. 6Z), following Sr. The P anomaly exhibits high contrast but is larger than the Sr feature, extending up to 1 km further eastward. Bloom Cirque proper is characterized by high P concentrations (0.13 to 0.25%) in the cirque headwalls, but low backgrounds (<0.11%) on the valley floor (Fig. 8Z).

P contents are anomalous within the midst of the Raven Creek grid area, centring on Raven Knoll (Fig. 7Z), correlating with Cu, Mo, Fe and Co. P backgrounds are exceptionally enhanced on East Emer Ridge and at lower elevations of South Sarah Cirque. The former feature covers a multielement anomaly but is much larger than base, precious and pathfinder element features whereas the latter P-rich zones is not accompanied by base or precious metal anomalies. P enrichment is common south of Granite Basin (Fig. 7Z), following Zn, Mn and Sr, but haloing anomalous conditions in the Cu, Pb, Ag, Mo, W, Fe, Co, Ni, Ba and Mo distributions. Low P concentrations, <0.055%, occupy low ground east-southeast of Raven (Fig. 7Z).

27. **Lanthanum** (Fig. 6AA, 7AA, 8AA)

The La distribution is dominated by high backgrounds (Fig. 6AA) associated with the Kliyul Creek pluton. La levels can also be high at North Fork, associated with a dioritic intrusion (Fig. 6AA) Otherwise, most La contents report at less than 6 ppm (Fig. 7AA, 8AA).

28. **Beryllium** (Fig. 6BB, 7BB, 8BB)

Be levels appear anomalous in the midst of the Pb anomaly on the west side of Bloom Cirque (Fig. 6BB, 8BB). Values are elevated within the Porphyry Creek valley (Fig. 6BB), but many of these high concentrations may be due to a peculiarity associated with the analysis. Be backgrounds for much of the 1991 analyses are much lower than 1990 backgrounds. This artifact can be seen east-southeast of Raven (Fig. 7BB) and around Granite Basin (Fig. 7BB) where values report under 2 ppm compared to 2 to 5 ppm in 1990. Little significance is attached to the Be anomalies.

29. **Sodium** (Fig. 6CC, 7CC)

Na was not determined in 1990. Results from 1991 are dominated by an outstanding positive feature exceeding a threshold of 0.12 to 0.13% to 0.2 to

0.4% at the mouth and north of Granite Basin (Fig. 7CC). The Na anomaly is unusual for the high concentrations seen for this element which follows Ca, pH and Al in its distribution. Above detection limit Na contents were not seen in Bloom Cirque.

### **Discussion of Results**

Geochemical reconnaissance of the Porphyry Creek project, involving contour traverses around the mountainous slopes, has defined a number of outstanding precious and base metal anomalies meriting followup (Fig. 9 & 10) in a geochemically interesting environment (Fig. 11, 12). Local conditions of the overburden and an absence of erratic data suggest localization of mineralized occurrences in bedrock will be relatively straightforward. Anomalies are large, many having dimensions over 1 km across, and exhibit extreme contrast. They are described below, from west to east, and are priority rated:

1. **Porphyry Creek Anomaly:** The anomalous Au zone is 1.5 km long by 0.5 km wide at the headwaters of Porphyry Creek and is accompanied by smaller zones of Cu accumulation. In part, the Cu and Au anomalies appear related to the contact of the Mo porphyry in the east and the anomaly may be the eastern extension of the SOUP magnetic skarn. Most of the Au and Cu-rich zones lie remote from rocks rich in Ni and Cr. This anomaly is considered in more detail in a companion report on the Porphyry Creek grid.
2. **Porphyry Creek Mo-W-K Anomaly:** This known porphyry Mo deposit is haloed by Cu, Au and Pb anomalies. Many of the metal concentrations for the multielement soil/talus fine survey are low in this area which is highlighted by an outstanding Mo anomaly 2 km long and 1 km wide. The Mo anomaly is described in more detail in the Porphyry Creek report.

3. North Fork Anomaly: Only weak Au, Cu and Ag anomalous zones are defined within a very large block of ground which is associated with substantial Pb and Mo accumulation in a geological environment rich in Ba, Sr, Ca and K. The southeastern margin of the anomalous zone is marked by a striking Mn anomaly. The multielement anomaly is underlain by a diorite along the East Croydon Creek valley intruding Takla volcanics in the hills around the valley. Priority 2
  
4. Bloom Cirque Anomaly: The Bloom Cirque anomaly is a multielement feature comprising Cu, Au, Ag, Mo, Co, Pb, and Zn with weak As haloing the northeast corner of the zone. The Cu anomaly at 2 km by 2 km is the largest of the anomalous zones. The Au zone appears to have northeasterly and northerly components. Ag is generally anomalous to the west of the Au zone and correlates with Mo. Mo has accumulated on three zones through the centre of the anomaly whereas Co focuses on the west side of the Cu feature and Pb, Zn and Mn lie to the north.

Three centres of K enhancement lie to the north and on the east and west sides of Bloom Cirque within the Cu anomaly, but at the margins of the Au zones. A Sr-P anomaly on the southwest side of Bloom Cirque lies mainly outside the Cu anomaly but is associated with two Au zones. Sr also accompanies Au in the east of Bloom Cirque. Ba accumulation within the Cu anomaly in the northwest of Bloom Cirque lies west of the northward trending Au anomaly. The northern limit of base and precious metal anomalies overlaps a major Ni-Cr-Mg-rich zones probably reflecting mafic volcanics which characterize a 5 km long block of ground up to 1.5 km wide north of Bloom Cirque. Priority 1.

5. Raven Creek Anomaly: Au, Ag, As, Cu, Pb, Zn, Cd, Mo, Fe, Mn and Co anomalies in an environment which is dominated by high Al, with Mg-Ti enhancement to the west and Ti enhancement to the east. The Raven Creek zone marks the western end of a northwesterly Fe trend. Raven Knoll focuses K, Sr



and P anomalies which may be alteration related. The Raven Creek reconnaissance anomaly has been followed up by a detailed soil grid (Hoffman, 1990) and that work indicated how detailed sampling can materially change geochemical patterns for elements such as Cu which do not form impressive anomalies on the basis of regional results. Priority 1.

6. East Emer Ridge Anomaly: This 1 km<sup>2</sup> area is associated with anomalous concentrations of Au, Ag, As, Cu, Pb, Zn, Mn and Co. East Emer Ridge is part of the throughgoing Fe and Al northwesterly trending anomalous zone. Base and precious metal anomalies lie in P-rich environment haloed by elevated Ti values. The southern limit of the anomaly is marked by Mn-Ba accumulation whereas a weak K anomaly lies to the northern limit of sampling. Priority 1.
7. West South Sarah Cirque Anomaly: The zone is about 1 km by 1 km in size associated with very reconnaissance sampling. Elements of interest include Au, weak Cu, Pb, Zn, Mo and Co. The western limit of the anomaly is found in an As-Ni-rich environment, accompanied by Ba enhancement. Priority 2.
8. Granite Basin Anomaly: The Granite Basin area is associated with substantial enhancements in many elements. Au anomalies are located near the entrance to the Granite Basin Cirque, overlapping Cu to a limited extent. The Cu anomaly is a large, low contrast feature which includes the hilltop to the west. Much of the Cu pattern is probably rock related, associated with volcanic rock types high in Ni, Mg, (probably Cr), Co, Zn, and Ca. This portion of the anomaly is not considered to have much potential for reflecting an alkalic Cu-Au porphyry system.

The Au anomaly is accompanied by Ag, As, some Cu (as noted above), Mo, Pb, Zn, Cd, W and Co and lies within or marginal to the prominent Fe-Al northwesterly linear. The anomalous zone is flanked to the west and north by

Mg-Ba anomalies, perhaps reflecting alteration. The zone is accompanied by K, Ca, Na and Sr. Priority 1.

Geochemical anomalies as defined are major zones of metal accumulation. The mountainous terrain is normally associated with locally derived overburden comprising talus, talus fines, and colluvium at higher elevations, and valley fill comprising alluvium, thicker colluvium, and outwash deposits along the valley floors. Lateral moraines and till deposits can also be found in the valley bottom environment.

*Regional patterns are identified which are probably lithologically controlled. These include:*

1. Fe, Al and As: Enhancement zone trends northwestward across the eastern half of the project over about a 1 to 1.5 km width for a distance of 8+ km.
2. Ni, Cr, and Mg: Extreme contrast is seen amongst data for these elements, suggesting rock type variations. These are found north of Bloom Cirque, east of Bloom Cirque, and in the Granite Basin area.
3. Ba, Sr, La, negative V, negative Mg and negative Ca: The Kliyul Creek pluton has this distinctive geochemical signature.
4. Cr, weak Ni, V, Ti and negative P: The area north of the Porphyry Creek intrusion has this geochemical signature. The relationship between Cr and Ti is zoned.
5. Sr, Ca, K and P: A block of ground south of Bloom Cirque is distinctive in geochemical character. A similar signature is found in the Raven Creek area.

6. Zn, V, Ba, Sr, Ca, alkaline pH, K and Na: Some of this signature may be related to mineralization, but high levels of Ca, alkaline pH and Na are distinctive of the northern portions of the Granite Basin mountain range; the signature also seen in part on East Emer Ridge.

In view of the fact significant artifacts have not been introduced by the process of sampling, geochemical data can be interpreted in a relatively straightforward manner. Several observations assume fundamental importance in the interpretation process, namely:

1. The Raven Creek reconnaissance program in 1990 defined weak Cu and Ba anomalies in an area where subsequent detailed work has outlined large and strongly anomalous conditions.
2. The Porphyry Creek grid program of 1991 produced the same conclusions as seen in 1990 at Raven Creek (i.e. detailed work resulted in definition of more outstanding geochemical anomalies than was apparent in regional work).
3. The Sr anomaly south of Bloom Cirque is a high contrast feature on the upper regional traverse, but is apparently not displaced 250 m to 400 m downslope. This establishes a maximum limit for downslope mechanical dispersion, and
4. The grid soil survey in Bloom Cirque proper established that downslope dispersion probably does not extend more than 100 m, as seen by marked contrast in the distribution of elements such as Pb, Zn and Ni. The V-Al-Ti distributions which are marked by at least 2 times background linear anomalies trending east-west across Bloom Cirque, and a negative Mg-V anomaly immediately to the north, demonstrate that landsliding or colluvial action are not transporting metal much more than 100 m down to the Bloom Cirque valley (to the south).

The regional sampling program does not provide exhaustive evaluation of the Porphyry Creek project area. For example, major valley bottoms have not been sampled. With this limitation in mind, it can be assumed that the sampling program has identified major mineralized zones. Additional reconnaissance sampling is still warranted in 1992, but at a lower intensity compared to followup efforts of existing anomalies.

Elements of importance in the alkalic model and typically anomalous concentrations in overburden, synthesized from observations at Mount Milligan, QR, Cat Mountain and other alkalic porphyry prospects and properties and related to the Porphyry Creek project area include the following:

1. Cu contents in soils are in the 150 to 500 ppm range. Higher values, to the 1000 ppm and greater level, may be prominent in talus fine environments. Exceptionally high Cu (> 500 ppm) and Ag contents occurring in isolated samples which are Ca-enriched are probably representative of false anomalies. These are not significant here in view of the absence of organic matter at most sites. All eight regional anomalies have a Cu association.
2. Au contents in soils are in the 40 to 100's of ppb, with the occasional value exceeding 1000 ppb. Au anomalies tend to be very large at a 40 ppb threshold. The Porphyry Creek project is associated with eight areas where Au concentrations meet these criteria.
3. As, acting as a pathfinder element, is documented at QR and appears to be acting in a similar fashion at Mount Milligan and in part at Cat Mountain. As anomalies are peripheral or lie above prospective alkalic Cu-Au targets, often occurring with peripheral vein-type mineralization (with Sb). Caution must be exercised in evaluating As anomalies, as geological units may be enriched in this element independent of Au. As spatially haloing Au and/or Cu anomalies is documented at four locations on the Porphyry Creek project.

4. Mo anomalies are documented at all alkalic Cu-Au targets, typically near the centre of mineralization. Mo enhancement probably reflects acidic intrusion accompanying the mineralization. Again, caution needs to be exercised in examining Mo results, as rock types such as argillites can contain high backgrounds of this element. Mo anomalies in soils are present in seven of the Cu-Au-rich zones.
5. Co was first noted at QR, but is prominent in soils at Mount Milligan, Cat Mountain, and at a number of other alkalic Cu-Au prospects and properties. Co can be scavenged to abnormal levels by Mn, and the distribution of the latter element needs to be examined to ensure Co anomalies are not artifacts. Enhanced Co contents on the Porphyry Creek project are not being scavenged by Mn, and are noted in association with five of the Cu-Au anomalies. Co levels at Bloom Cirque where cobalt bloom has been noted is not the highest of the survey and additional occurrences of Co mineralization are to be expected.
6. Fe and V anomalies are common at alkalic Cu-Au prospects. High Fe concentrations probably reflect large quantities of Fe sulphide or oxides, and high V contents reflects V substituting for Fe in the Fe-bearing minerals. Both Fe and V distributions can also be controlled by rock type. Fe, V and As anomalies associated or haloing Cu-Au-rich zones are found at three target locations.
7. Mn enhancement in soils is typically variable as a consequence of sampling factors. Mn content in bedrock surrounding alkalic porphyry occurrences can be quite high, and if sampling is not a factor, the Mn halo can be transferred to soils in a recognizable fashion. This is probably the case here where high Mn contents lie along the south side of Raven and East Emer Ridge, and on the north side of Bloom Cirque.

8. Pb and Zn may be present in minor amounts as galena and sphalerite with Cu-Au ore as seen at QR, West Zone, or they may be found in enhanced abundances at the margins of the Cu-Au zones. The Pb-Zn anomalies at North Fork, Granite Basin, East Emer Ridge, north of Bloom Cirque, and at South Sarah Cirque may be reflecting a halo condition. Alternatively, they may be indicating a Pb/Zn potential which could be the subject of continued exploration.
9. Enhanced Al contents, if not being controlled by overburden composition, may be indicating clay alteration associated with peripheral parts of an alkalic deposit. Al enhancement may compliment As in these cases. Al anomalies along the eastern margin of the survey area are large, exhibit outstanding contrast, and are associated with Fe and gossans in addition to accompanying As. A geological explanation is required to determine if the Al distribution is reflecting clay alteration associated with the mineralizing process.
10. K enrichment is one of the main alteration products of alkalic Cu-Au porphyry deposits, but elevated aqua regia leachable K contents are commonly seen only if the K is in the form of clay minerals or biotite. Thus K anomalies would appear as halos to mineralized zones. K anomalies may also develop in response to K-rich intrusive rocks if these are well weathered. K anomalies are prominent on the Porphyry Creek project, being found on seven of the eight targets (only South Sarah Cirque does not have a positive K signature). A geological explanation is needed for these findings.
11. Ca (and pH) and Sr can be present in carbonate altered rocks, if present in abundance, these elements are transferred to the overlying soil. Ca and Sr are also two key indicators of sample quality, and artifacts must be recognized and discounted before rock type or alteration patterns are interpreted from the data. These are not noted on the Porphyry Creek project. Sr and Ca levels can also be controlled by rock type, and in part this is probably true here. Sr/Ca reflecting

alteration is suspected at North Fork, Raven, Granite Basin and Bloom Cirque. Ca/Sr reflecting rock type, with or without Na, is likely at Granite Basin and East Emer Ridge.

Guidelines established by work at Raven Creek and Bloom Cirque suggest geochemical dispersion is limited, perhaps to under 200m. Glacial transport of material has to be suspected, particularly the occurrence of lateral moraines which indicate dispersion parallel to slope rather than down slopes. The rugged topography mitigates easy establishment of grids to control soil geochemical or ground geophysical surveys. Nevertheless, anomalies as defined represent potentially significant mineral occurrences, and followup needs to proceed. If additional reconnaissance would better delineate targets to more manageable sizes, they should be conducted early in the program in 1992. For example, two additional reconnaissance lines at 300 m intervals is suggested to extend eastward at Granite Basin. Other regional traverses are indicated on Fig. 13. Most of these lie outside current land holdings. Nevertheless, they are warranted and maybe responsible for acquisition of additional claims by staking or option.

Followup of existing anomalous conditions is described below, in the order of the numbering scheme of anomalies described at the beginning of this section (Fig. 13):

1. Porphyry Creek Au-Cu anomaly: This anomaly was followed up in 1991 by a soil grid comprising some 2401 samples. Results and findings are described in a companion report (Hoffman , 1991).
2. Porphyry Creek Mo-W-K anomaly: This anomaly was also covered by the Porphyry Creek grid in 1991. Results and findings are found in the same companion report mentioned in (1) above.
3. North Fork anomaly: This zone was discovered in 1991 and is characterized by outstanding distributions of Pb and Mo. Unfortunately, anomalous conditions for

Cu and Au are very limited in size and restricted to the southeastern and for Cu the northwestern portions of the anomalous area. The character of an anomalous element suite might be indicators of alteration, including Mn, Ba, Sr, Ca and K, or it may be related to a dioritic intrusion along the floor of North Croydon Creek.

Reconnaissance traverses are recommended to the west of the existing anomaly. A soil grid is suggested to cover the Au-Cu-Ag anomaly in the southwest. The area of interest to be covered by grid work is about a 1 km<sup>2</sup> area (Fig. 13A), with a baseline trending up and down slopes at about a 030 bearing and crosslines running approximately parallel to slopes. The entire anomalous zones merits a close geologic inspection, with prospecting for mineralization, alteration, and structure important aspects of the followup program.

4. Bloom Cirque anomaly. Bloom Cirque was evaluated in 1991 by 159 sample soil grid along the bottom of the valley. Rugged topography has mitigated additional soil or talus fine sampling of this 4 km<sup>2</sup> anomaly. Some additional regional sampling is nonetheless recommended, attempting to establish a line spacing of 200 m, particularly in the North Sarah Cirque and the mouth of Bloom Cirque (Fig. 13A). Results may suggest positioning of a grid in the headwalls of North Sarah Creek.

Topography limits sampling of overburden beyond what has been done or recommended. An outstanding anomaly exists, and logistics effectively prevent grid geochemical or geophysical surveys to continue the evaluation to identify the position of the best zones of mineralization. Physical work involving trenching is suggested to be prime followup procedure.

Substantial anomalous conditions exist for Au, Ag, Cu, Co and other elements. These need to be quantified by bedrock sampling. An extensive diamond drill



program would accomplish this objective at great cost. As an intermediate function, chip sampling to produce composite samples representing 5 m of ground should be undertaken in proximity to reconnaissance soil/talus lines where these are anomalous. Hand trenching and blasting probably are needed to provide continuous rock exposure. Each rock sample would weigh about 5 kg. Sampling would extend in a horizontal direction for the most part, although selected vertical transects are also needed, probably along creek channelways where bedrock is well exposed.

Continuous chip sampling must consider both mineralized and apparently barren country surrounding mineralized zones to establish alteration and halo anomaly indicators. Mapping geology and alteration would accompany sampling, as would identifying structures which may be controlling mineralization. Figure 13A suggests the approximate location of some of the needed trenches, although in detail their locations would be established in the field based on outcrop exposure and ease of access.

The existing grid within Bloom Cirque should be surveyed using a ground magnetometer, lines extending up the hill to the east, if possible. Mapping and prospecting of anomalous zones, in conjunction with the magnetic survey, might define drill targets.

5. Raven Creek anomaly: Followup was undertaken over the main portion of the anomaly in 1990. Recommendations for additional work were issued at that time (Hoffman, 1990; Grexton and Roberts, 1990). Several additional reconnaissance lines in 1991 suggest a 200 to 300 ppm Cu anomaly lies along the floor of the creek draining North Sarah Cirque. Sufficient interest exists in this region by virtue of acidic soils (pH < 4.8) which should be promoting leaching of Cu from soils to encourage a grid soil survey to be positioned in conjunction with the northwestern portion of the East Emer Ridge anomaly (to be described below).

The area of interest would be about a 1.5 km<sup>2</sup> area (Fig. 13B) and a sample interval of 50 m is recommended, closing to 25 m only in proximity to East Emer Ridge. The baseline would be established at approximately 135°. Geophysical surveys would also be conducted over the soil grid.

6. East Emer Ridge anomaly: Grid soil sampling using a 25 m sample interval is recommended to cover the east and northeast side of East Emer Ridge, forming part of the soil grid described above (Fig. 13B). The grid survey would extend to the creek draining South Sarah Cirque. Geophysical surveys would include this grid extension.

In addition to soil work, it is suggested one line of rock chip sampling be undertaken. Procedures would follow those described for Bloom Cirque.

7. West of South Sarah Cirque. The area would be efficiently evaluated by a soil grid (25 m by 100 m density) of about 0.8 km<sup>2</sup> along the valley bottom of South Sarah Cirque (Fig. 13B). Additional reconnaissance sampling is warranted along the south and west cirque wall of the South Sarah Cirque, at several elevations where logistics permit such work.
8. Granite Basin: Much of Granite Basin lies outside the land-holding. Nevertheless, reconnaissance lines have been suggested to fully delineate anomalous conditions (Fig. 13B). A bedrock chip sampling line has been suggested within held lands.

The Porphyry Creek project has progressed to the point where one target, Bloom Cirque, has been established as a zone where bedrock metal values across specific widths need to be determined. Hand positioned trenches, assisted by geological mapping and prospecting are suggested preliminary to diamond drilling at the best zone thus defined. Limited but similar programs are suggested for East Emer Ridge and Granite Basin.

Three soil and geophysical grids have been recommended to cover the North Fork, Emer Ridge and South Sarah Cirque anomalies. Extension of the East Emer Ridge grid to the base of the Granite Basin mountain range awaits results of a reconnaissance traverse. Geophysical work is suggested for Bloom Cirque. Additional reconnaissance traversing is indicated in the Granite Basin area and around the South Sarah Cirque and North Fork grids. Table 1 summarizes anomalous conditions and followup recommendations. Continued exploration is highly recommended.

**Table 1**  
**Summary of Au ± Cu Anomalies,**  
**Porphyry Creek Project, 1990-1991**

<b>Anomaly Number</b>	<b>Anomaly Name</b>	<b>Element Association</b>	<b>Followup Recommended</b>
1.	Porphyry Creek Cu-Au	Cu, Au	Porphyry Creek Grid (completed 1991)
2.	Porphyry Creek Mo	Mo, Cu, Au, W, K	Porphyry Creek Grid (completed 1991)
3.	North Fork	Cu, Au, Pb, Ag, Pb, Mo, Ca, Ba, Sr, K, Mn-halo south	Soil Grid - 400 samples Reconnaissance - 5 km
4.	Bloom Cirque	Cu, Au, Co, Ag, Mo, Pb, Zn, K, Sr, P, Ba, Mn	Reconnaissance - 5 km Trenches 5.5 km
5.	Raven Creek	Au, Cu, As, Ag, Mo, Pb, Zn, Mn, Co Al, Fe, P, Mg, K, Sr	Raven Grid (completed 1990) East Raven Grid-400 samples
6.	East Emer Ridge	Au, Cu, As, Ag, Co, Pb, Zn, Mn Al, Fe, P, Ba, Ca	East-East Emer Ridge Grid - 200 samples Trenches - 1.5 km
7.	South Sarah Cirque	Cu, Au, As, Pb, Zn, Mo, Co Ba	Grid - 350 samples Reconnaissance - 3 km
8.	Granite Basin	Cu, Au, As, Ag, As, W, Pb, Zn, Co Al, Fe, Sr, Ca, Na, K halos by Mg, Ba	Reconnaissance - 7.5 km Trench - 0.75 km

### Conclusions

Regional reconnaissance of the Porphyry Creek project area in 1990 and 1991 has led to definition of eight major anomalies meriting followup. Each has Au and Cu potential, as well as being associated with one or more of Ag, Pb, Zn, Co, Mo and W anomalies. Additional work is required to outline anomalous conditions using regional and grid soil geochemical surveys, the latter complimented by ground magnetics and IP. Lithogeochemical sampling, complimented by mapping and prospecting, is given high priority to establish diamond drill targets.

**REFERENCES**

1. Grexton, L. and Roberts P., 1990. Porphyry Creek Project Report.
2. Hoffman S.J., 1990. Soil Geochemical Assessment Report of the Raven Grid. PGML 90-5, 33 pp.
3. Hoffman, S.J., 1990. Soil Geochemical Assessment Report of the Porphyry Creek Reconnaissance. PGML 90-9, 38 pp.
4. Hoffman, S.J., 1992. Soil Geochemical Assessment Report of the Porphyry Creek Grid. PGML 91-8, 23 pp.

**APPENDIX 1**  
**LIST OF DATA**

DRILL LOG 19.1

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

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To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: HOF 91187.2  
Invoice: 20324  
Date Entered: 91-07-26  
File Name: TEK91187.1  
Page No.: 2

200-

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	PPM W	PPM BE	PPM AU	PPM AA	PPM DM
S	452 L39E 5000N	9	142	15	71	0.3	34	10	447	3.98	12	5	ND	ND	37	1	2	5	112	0.42	0.09	5	31	1.49	73	0.13	2.31	0.05	0.03	4	2	70	4.4	
S	L39E 5025N	5	122	18	67	0.2	35	9	433	4.26	9	5	ND	ND	33	1	2	2	109	0.35	0.09	4	42	1.50	51	0.13	2.39	0.05	0.03	1	2	30	4.5	
S	L39E 5050N	9	96	9	65	0.5	33	6	453	4.81	11	5	ND	ND	26	1	2	2	120	0.22	0.07	4	53	1.13	50	0.13	2.20	0.04	0.04	10	2	30	4.5	
S	L39E 5075N	5	61	16	68	0.3	24	5	377	5.10	10	5	ND	ND	31	1	2	4	141	0.31	0.09	3	37	1.25	59	0.13	2.45	0.05	0.03	3	2	40	4.7	
S	L39E 5100N	2	175	11	77	0.9	45	14	872	4.04	11	5	ND	ND	65	1	2	2	112	0.65	0.11	3	27	1.77	82	0.10	2.87	0.07	0.04	1	2	30	5.0	
S	L39E 5125N	4	67	11	65	0.2	40	6	323	4.39	11	5	ND	ND	26	1	2	2	127	0.24	0.08	3	19	1.40	48	0.14	2.65	0.05	0.03	1	2	20	4.6	
S	L39E 5150N	7	125	13	78	0.1	45	15	502	5.07	10	5	ND	ND	31	1	2	2	111	0.32	0.10	5	12	1.71	64	0.11	2.40	0.05	0.05	1	2	50	4.9	
S	L39E 5175N	3	63	8	65	0.2	34	12	510	3.90	8	5	ND	ND	27	1	2	2	105	0.32	0.08	3	44	1.30	52	0.12	1.75	0.04	0.03	1	2	60	5.0	
S	L39E 5200N	5	95	13	91	0.5	38	14	778	4.47	19	5	ND	ND	34	1	2	2	124	0.45	0.10	4	34	1.59	82	0.12	2.34	0.05	0.07	1	2	30	5.2	
S	L39E 5225N	3	87	6	52	0.3	25	8	276	4.27	11	5	ND	ND	22	1	2	2	101	0.26	0.07	2	23	0.99	44	0.16	1.65	0.04	0.02	1	2	60	4.6	
S	L39E 5250N	2	49	9	74	0.3	30	17	425	4.04	11	5	ND	ND	28	1	2	2	112	0.64	0.10	2	57	1.28	73	0.09	1.52	0.04	0.06	1	2	140	5.9	
S	L39E 5275N	3	109	9	69	0.2	22	8	256	5.60	10	5	ND	ND	33	1	2	2	104	1.07	0.12	3	42	0.89	106	0.15	2.12	0.04	0.03	1	2	40	6.2	
S	L39E 5300N	11	381	20	85	0.4	41	22	2276	3.96	14	5	ND	ND	38	1	2	2	119	1.08	0.12	10	36	1.37	149	0.07	2.62	0.05	0.07	2	2	20	6.1	
S	L39E 5325N	4	138	12	71	0.3	41	16	513	3.66	9	5	ND	ND	31	1	2	2	93	0.50	0.09	4	28	1.51	66	0.10	2.00	0.04	0.07	1	2	60	6.0	
S	L39E 5350N	5	243	10	74	0.1	32	15	741	4.17	17	5	ND	ND	35	1	2	2	121	0.54	0.10	8	27	1.55	92	0.09	2.37	0.05	0.06	4	2	50	6.1	
S	L39E 5375N	4	1115	13	82	0.1	63	18	985	4.68	13	5	ND	ND	32	2	2	2	119	0.52	0.12	11	34	1.99	188	0.08	3.18	0.06	0.15	1	2	420	6.2	
S	L39E 5400N	6	71	16	73	0.1	24	15	1410	3.90	11	5	ND	ND	26	1	2	2	122	0.28	0.07	5	15	1.14	80	0.11	2.00	0.04	0.07	1	2	20	5.4	
S	L39E 5425N	3	114	12	66	0.1	34	12	666	3.73	13	5	ND	ND	23	1	2	2	112	0.22	0.08	4	21	1.32	46	0.11	2.16	0.04	0.06	1	2	50	5.0	
S	L39E 5450N	2	175	8	55	0.4	40	11	317	3.86	8	5	ND	ND	20	1	2	5	97	0.30	0.08	3	25	1.45	37	0.08	2.38	0.04	0.03	1	2	90	5.2	
S	L39E 5475N	3	188	12	72	0.1	67	18	1051	5.08	14	5	ND	ND	19	1	2	2	120	0.26	0.10	4	28	1.68	76	0.13	2.45	0.05	0.07	1	2	80	5.4	
S	L39E 5500N	3	132	14	70	0.2	38	21	1420	5.27	8	5	ND	ND	18	1	2	51	124	0.22	0.09	4	36	1.41	84	0.11	2.18	0.05	0.07	8	2	90	5.0	
S	L39E 5525N	3	119	16	79	0.9	47	21	1069	5.50	13	5	ND	ND	15	1	4	6	137	0.22	0.10	3	36	1.65	112	0.07	1.95	0.05	0.06	5	2	760	4.5	
S	L39E 5550N	4	116	16	78	0.3	29	24	2749	5.35	11	5	ND	ND	18	1	2	5	166	0.25	0.08	4	19	1.36	110	0.09	2.24	0.05	0.07	7	3	100	5.6	
S	L39E 5575N	1	227	17	112	0.2	20	21	2650	5.51	12	5	ND	ND	49	2	2	2	153	0.63	0.13	4	11	1.97	110	0.12	3.20	0.06	0.12	4	3	70	5.6	
S	L39E 5600N	4	183	19	92	0.2	17	25	3360	6.35	11	5	ND	ND	32	2	2	2	142	0.46	0.12	5	11	1.74	139	0.10	2.56	0.05	0.14	10	2	160	5.4	
S	L39E 5625N	3	128	97	85	1.7	54	35	1708	5.45	14	5	ND	ND	19	1	6	8	211	0.60	0.14	3	34	2.63	100	0.08	2.24	0.05	0.04	8	3	20	5.9	
S	L39E 5650N	2	168	16	88	0.1	38	27	1769	5.96	8	5	ND	ND	45	1	2	3	224	0.39	0.12	3	17	1.97	76	0.18	2.48	0.05	0.06	8	3	10	5.7	
S	L39E 5675N	2	74	14	50	0.2	65	23	818	4.27	14	5	ND	ND	12	1	5	2	155	0.40	0.11	2	28	2.14	65	0.12	1.87	0.04	0.11	5	2	30	5.8	
S	L39E 5700N	4	36	22	49	0.1	20	13	1001	4.33	8	5	ND	ND	26	1	2	2	151	0.27	0.08	2	9	1.10	60	0.16	1.60	0.04	0.06	4	2	10	5.3	
S	L39E 5725N	1	34	21	44	0.1	25	14	967	2.87	5	5	ND	ND	15	1	3	5	88	0.21	0.06	1	11	1.09	68	0.10	1.19	0.04	0.04	9	1	5	5.2	
S	L39E 5750N	2	39	20	53	0.1	26	14	531	3.40	7	5	ND	ND	10	1	4	9	89	0.22	0.06	1	25	1.07	88	0.11	1.23	0.04	0.05	1	1	5	5.4	
S	L39E 5775N	2	42	20	53	0.1	31	15	866	2.86	6	5	ND	ND	11	1	6	10	78	0.25	0.07	2	34	1.36	99	0.07	1.34	0.04	0.05	1	1	5	5.6	
S	L39E 5800N	2	48	12	70	0.1	42	19	733	4.05	4	5	ND	ND	19	1	3	6	120	0.34	0.09	2	30	1.70	81	0.10	1.74	0.04	0.04	1	2	5	5.6	
S	L39E 5825N	3	139	11	55	0.1	34	18	669	3.36	8	5	ND	ND	13	1	2	5	89	0.34	0.08	2	28	1.40	72	0.07	1.51	0.04	0.05	1	1	5	5.6	
S	L39E 5850N	2	31	14	51	0.1	35	18	522	4.43	12	5	ND	ND	9	1	5	6	152	0.25	0.09	1	32	1.71	38	0.15	1.60	0.04	0.06	4	2	5	5.7	
S	L39E 5875N	2	47	13	62	0.2	33	17	808	3.74	9	5	ND	ND	16	1	2	4	121	0.26	0.08	3	21	1.51	62	0.08	1.66	0.04	0.05	1	2	5	5.5	
S	L39E 5900N	1	23	12	44	0.1	29	13	844	2.70	9	5	ND	ND	7	1	2	2	65	0.19	0.07	2	30	1.35	65	0.07	1.26	0.04	0.09	1	1	5	5.7	
S	L39E 5925N	2	25	14	48	0.2	29	15	484	3.18	13	5	ND	ND	8	1	3	7	81	0.21	0.07	3	28	1.37	39	0.06	1.27	0.04	0.04	1	1	5	5.7	
S	L39E 5950N	2	36	22	46	0.2	37	16	720	2.85	12	5	ND	ND	11	1	5	9	67	0.28	0.07	4	27	1.49	67	0.07	1.43	0.04	0.05	4	1	5	5.9	
S	L39E 5975N	3	31	22	52	0.1	35	17	894	3.62	12	5	ND	ND	8	1	9	9	103	0.26	0.08	4	49	1.56	57	0.09	1.29	0.04	0.07	1	2	5	6.3	

CERTIFIED BY: \_\_\_\_\_



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## CERTIFICATE OF ANALYSIS

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KAMLOOPS, B.C.  
Project: 1384  
Type of Analysis: ICP

Certificate: 91187.2  
Invoice: 20324  
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File Name: TEK91187.1  
Page No.: 3

PKC #BX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
\$	L40E 5000N	6	174	31	85	0.1	45	15	526	4.91	12	5	ND	ND	38	1	5	6	126	0.46	0.10	5	21	1.70	62	0.13	2.62	0.06	0.04	2	2	110	4.9	
\$	L40E 5025N	14	356	27	74	0.2	46	20	769	3.89	20	5	ND	ND	45	1	3	5	118	0.67	0.11	5	21	1.71	87	0.07	2.51	0.06	0.03	4	2	30	5.7	
\$	L40E 5050N	4	401	22	76	0.2	49	21	607	4.96	20	5	ND	ND	35	1	2	2	139	0.44	0.10	4	23	1.58	59	0.12	2.45	0.05	0.04	1	2	40	4.8	
\$	L40E 5075N	5	43	19	57	0.2	25	10	646	4.98	12	5	ND	ND	32	1	3	2	152	0.27	0.08	3	13	1.05	44	0.23	1.73	0.05	0.03	1	2	30	4.7	
\$	L40E 5100N	7	47	26	61	0.2	25	8	311	3.64	6	5	ND	ND	34	1	7	7	122	0.31	0.07	6	13	0.98	54	0.16	1.96	0.05	0.03	1	2	40	4.6	
\$	L40E 5125N	5	152	21	69	0.1	49	18	596	4.46	13	5	ND	ND	46	1	2	2	124	0.50	0.10	4	21	1.67	68	0.16	2.69	0.06	0.06	4	2	50	4.9	
\$	L40E 5150N	7	76	19	64	0.1	33	12	350	5.05	15	5	ND	ND	28	1	3	2	129	0.30	0.08	3	17	1.13	55	0.12	2.11	0.05	0.03	1	2	40	4.9	
\$	L40E 5175N	6	131	18	62	0.1	35	11	322	4.10	10	5	ND	ND	33	1	2	5	108	0.36	0.08	5	15	1.21	64	0.14	2.33	0.05	0.04	7	2	50	5.0	
\$	L40E 5200N	5	128	20	103	0.2	43	18	646	4.05	11	5	ND	ND	35	1	4	9	96	0.45	0.09	6	15	1.43	75	0.06	2.20	0.05	0.05	1	2	25	5.5	
\$	L40E 5225N	4	82	15	77	0.2	48	17	484	3.59	18	5	ND	ND	37	1	4	2	108	0.60	0.10	3	25	1.66	81	0.13	1.91	0.04	0.05	6	2	20	5.7	
\$	L40E 5250N	4	718	13	66	0.3	49	18	449	3.92	12	5	ND	ND	37	1	2	2	110	0.64	0.09	5	30	1.36	74	0.11	2.23	0.04	0.05	1	2	230	6.2	
\$	L40E 5275N	3	128	14	108	0.1	55	18	440	3.82	15	5	ND	ND	30	1	2	2	101	0.65	0.10	3	23	1.82	69	0.11	2.05	0.04	0.07	4	2	10	6.1	
\$	L40E 5300N	6	114	14	86	0.2	37	21	578	5.05	17	5	ND	ND	34	1	2	2	128	0.56	0.11	4	19	1.46	80	0.15	2.18	0.05	0.05	5	2	30	6.1	
\$	L40E 5325N	5	47	13	50	0.1	25	7	234	4.94	10	5	ND	ND	24	1	2	2	145	0.20	0.07	2	15	0.90	55	0.27	1.84	0.04	0.03	3	2	40	4.7	
\$	L40E 5350N	6	126	15	55	0.2	37	19	497	4.40	16	5	ND	ND	39	1	5	2	119	0.59	0.10	6	21	1.47	76	0.12	1.85	0.04	0.06	8	2	50	5.6	
\$	L40E 5375-1N	10	331	17	80	0.2	28	20	1265	4.05	16	5	ND	ND	42	1	2	2	112	0.88	0.11	11	17	1.28	131	0.09	2.36	0.05	0.07	5	2	35	5.9	
\$	L40E 5375-2N	10	329	16	77	0.2	34	21	995	4.64	19	5	ND	ND	33	1	2	2	133	0.77	0.12	10	17	1.68	113	0.12	2.66	0.05	0.06	5	2	30	6.0	
\$	L40E 5400N	8	106	16	120	0.3	31	17	502	4.62	14	5	ND	ND	39	1	2	2	151	0.73	0.11	5	17	1.39	110	0.09	2.03	0.05	0.04	9	2	110	5.9	
\$	L40E 5425N	4	97	17	77	0.1	35	22	2726	4.24	11	5	ND	ND	19	1	2	2	118	0.21	0.08	4	15	1.35	101	0.05	2.00	0.04	0.06	27	2	70	5.5	
\$	L40E 5450N	6	202	16	103	0.7	25	21	2253	4.23	17	5	ND	ND	39	1	2	2	157	1.06	0.12	8	23	1.51	228	0.05	2.60	0.05	0.09	8	3	50	6.1	
\$	L40E 5475N	4	242	16	127	0.6	14	26	1561	5.16	17	5	ND	ND	31	1	2	2	171	0.84	0.14	11	13	2.24	138	0.15	3.51	0.06	0.17	9	3	20	6.0	
\$	L40E 5500N	3	53	11	69	0.3	16	18	774	4.27	13	5	ND	ND	28	1	3	2	130	0.28	0.08	3	15	1.29	81	0.15	1.65	0.04	0.09	2	2	25	4.6	
\$	L40E 5525N	3	81	12	69	0.4	35	21	1278	4.61	9	5	ND	ND	27	1	2	2	131	0.27	0.08	3	23	1.36	97	0.08	1.62	0.05	0.06	5	2	30	4.7	
\$	L40E 5550N	3	74	15	77	0.1	38	22	886	4.84	16	5	ND	ND	19	1	4	2	142	0.28	0.10	2	27	1.60	82	0.10	1.69	0.05	0.07	5	2	40	4.7	
\$	L40E 5575N	2	28	9	57	0.2	23	12	1532	3.60	7	5	ND	ND	20	1	2	2	125	0.24	0.06	2	17	0.87	108	0.07	1.18	0.04	0.06	4	2	40	5.0	
\$	L40E 5600N	2	38	10	67	0.2	30	15	948	3.76	9	5	ND	ND	26	1	3	2	117	0.42	0.08	4	17	1.14	92	0.12	1.39	0.04	0.06	2	2	10	5.5	
\$	L40E 5625N	2	25	8	52	0.1	30	14	313	3.32	12	5	ND	ND	8	1	5	2	107	0.28	0.07	1	28	1.32	61	0.13	1.22	0.04	0.07	1	2	10	5.3	
\$	L40E 5650N	2	57	14	64	0.1	42	18	522	4.53	15	5	ND	ND	17	1	2	2	143	0.34	0.09	2	23	1.40	92	0.15	1.53	0.04	0.04	3	2	5	5.5	
\$	L40E 5675N	3	111	10	58	0.2	38	23	781	3.81	15	5	ND	ND	17	1	3	2	129	0.51	0.10	3	23	1.54	73	0.09	1.50	0.04	0.05	5	2	10	6.0	
\$	L40E 5700N	2	85	9	70	0.1	36	25	1577	3.92	11	5	ND	ND	12	1	4	10	116	0.28	0.10	3	32	1.58	123	0.10	1.49	0.05	0.05	3	2	20	5.5	
\$	L40E 5725N	3	48	14	87	0.1	83	24	1599	4.40	12	5	ND	ND	13	1	2	7	138	0.19	0.11	3	34	2.47	70	0.17	2.47	0.05	0.04	4	2	25	5.4	
\$	L40E 5750N	2	80	10	76	0.1	52	25	1196	3.74	17	5	ND	ND	13	1	3	8	117	0.94	0.15	2	34	2.71	124	0.15	2.06	0.05	0.64	5	2	5	6.5	
\$	L40E 5850N	2	38	5	65	0.1	39	19	828	2.88	5	5	ND	ND	13	1	4	6	62	0.44	0.09	2	27	1.57	75	0.06	1.32	0.04	0.05	3	1	40	6.4	
\$	L40E 5875N	1	36	9	46	0.1	43	18	645	2.63	11	5	ND	ND	12	1	8	10	49	0.31	0.08	3	27	1.61	62	0.06	1.26	0.04	0.05	3	1	5	6.3	
\$	L40E 5900N	2	19	11	43	0.1	39	21	567	2.86	9	5	ND	ND	9	1	3	9	58	0.26	0.08	1	30	1.58	40	0.07	1.23	0.04	0.03	3	1	10	6.2	
\$	L40E 5925N	1	29	9	49	0.1	49	22	515	3.05	9	5	ND	ND	10	1	4	9	64	0.28	0.08	3	28	1.75	46	0.07	1.42	0.04	0.05	3	1	5	6.3	
\$	L40E 5950N	1	35	6	40	0.1	51	26	585	2.45	9	5	ND	ND	7	1	2	2	43	0.36	0.09	1	27	1.90	54	0.07	1.38	0.03	0.11	2	1	5	6.3	
\$	L40E 5975N	2	21	12	46	0.1	47	20	1011	3.22	7	5	ND	ND	5	1	3	2	68	0.15	0.09	1	51	1.97	27	0.13	1.79	0.04	0.04	1	1	5	5.7	
\$	L40E 6000N	1	50	14	47	0.2	38	21	760	3.11	10	5	ND	ND	11	1	4	2	72	0.30	0.08	1	36	1.81	60	0.10	1.58	0.03	0.07	1	1	5	5.8	

CERTIFIED BY: J. D. D. D.

# KUSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

To: TECK EXPLORATIONS LTD.  
 # 960-175 SECOND AVE.  
 KAMLOOPS, B.C.  
 Project: 1384  
 Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
 British Columbia, Can. V5B 3N1  
 Ph:(604)299-6910 Fax:299-6252

Certificate: 91196 A  
 Invoice: 20339  
 Date Entered: 91-08-01  
 File Name: TEK91196.A  
 Page No.: 1

200-

PRE FIX	SAMPLE NAME	MO	CU	PB	ZN	AC	NI	CO	MN	FE	AS	AU	HG	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	Tl	AL	NA	K	SI	W	BE	AU	AA	DH
S 138	L39E 4300N	1	127	1	77	0.4	34	8	528	4.63	12	ND	ND	44	1	2	8	109	0.36	0.08	5	36	1.44	85	0.15	2.88	0.04	0.04	0.01	8	2	30	4.9	
S	L39E 4325N	3	184	22	105	0.9	28	12	1005	5.42	15	ND	ND	54	2	2	2	152	0.46	0.11	5	39	1.61	151	0.20	3.33	0.06	0.04	0.01	9	2	90	5.6	
S	L39E 4350N	1	234	1	85	0.5	37	7	557	4.58	11	ND	ND	56	1	2	2	115	0.41	0.10	5	35	1.83	85	0.15	3.30	0.05	0.03	0.01	7	2	40	5.0	
S	L39E 4375N	1	164	1	93	0.3	37	16	878	5.59	11	ND	ND	55	1	2	2	137	0.42	0.13	7	47	1.86	86	0.20	3.12	0.06	0.04	0.01	5	2	130	5.0	
S	L39E 4400N	3	167	13	88	0.6	34	10	573	4.53	12	ND	ND	52	1	3	6	127	0.40	0.16	5	25	1.88	84	0.15	3.05	0.06	0.05	0.01	8	2	50	5.0	
S	L39E 4425N	3	147	5	89	0.6	47	15	1275	4.51	13	ND	ND	56	1	2	7	114	0.43	0.19	6	31	1.82	115	0.17	3.07	0.05	0.08	0.01	5	2	90	5.1	
S	L39E 4450N	35	324	22	102	9.2	22	54	2762	11.21	31	ND	ND	26	6	4	2	157	0.47	0.34	4	31	1.78	86	0.10	3.35	0.07	0.03	0.02	16	3	4200	5.8	
S	L39E 4475N	3	419	18	109	1.1	38	50	1124	6.92	19	ND	ND	44	3	3	12	184	0.52	0.18	6	33	2.15	83	0.18	2.74	0.06	0.05	0.01	11	3	100	5.4	
S	L39E 4500N	2	209	7	93	0.8	31	16	1344	5.35	8	ND	ND	44	2	2	2	152	0.44	0.17	7	29	1.70	126	0.16	3.02	0.05	0.06	0.01	4	2	60	5.8	
S	L39E 4525N	3	157	16	89	0.6	30	11	801	4.62	17	ND	ND	40	2	3	10	156	0.34	0.17	5	29	1.84	86	0.17	3.04	0.05	0.08	0.01	2	2	40	5.5	
S	L39E 4550N	2	229	6	103	0.6	29	10	1097	5.20	10	ND	ND	60	1	2	2	131	0.52	0.23	5	35	1.77	92	0.07	3.02	0.05	0.06	0.01	3	2	70	5.8	
S	L39E 4575N	1	190	3	76	0.7	31	12	842	5.28	4	ND	ND	43	2	2	2	146	0.49	0.14	5	26	2.02	93	0.12	3.09	0.06	0.03	0.01	11	2	80	5.4	
S	L39E 4600N	1	291	1	80	0.7	37	18	1134	5.72	2	ND	ND	45	2	2	2	159	0.64	0.17	3	23	2.07	119	0.12	2.94	0.05	0.04	0.01	4	2	60	6.2	
S	L39E 4625N	2	128	19	84	0.6	36	18	916	5.73	6	ND	ND	44	1	2	2	170	0.47	0.12	4	24	2.01	84	0.15	2.77	0.05	0.04	0.01	5	2	70	5.7	
S	L39E 4650N	1	205	1	75	0.6	28	20	978	6.52	4	ND	ND	43	2	4	2	174	0.58	0.18	3	21	2.03	57	0.14	2.47	0.04	0.03	0.01	8	2	100	6.0	
S	L39E 4675N	3	262	12	88	1.2	32	20	1154	6.15	9	ND	ND	54	2	2	2	164	0.64	0.21	4	16	2.28	68	0.14	3.06	0.05	0.04	0.01	5	3	160	5.7	
S	L39E 4700N	3	251	17	93	0.9	28	19	1291	5.90	2	ND	ND	53	2	2	2	159	0.69	0.22	5	21	2.09	114	0.14	3.14	0.06	0.07	0.01	4	2	280	6.0	
S	L39E 4750N	3	51	9	64	1.1	21	7	588	4.93	13	ND	ND	51	1	2	8	158	0.33	0.14	4	18	1.24	77	0.18	2.40	0.05	0.05	0.01	2	2	40	4.6	
S	L39E 4775N	3	179	17	104	0.8	37	20	1400	5.70	11	ND	ND	53	2	3	25	134	0.48	0.18	7	21	1.94	96	0.14	3.08	0.06	0.05	0.01	7	2	90	5.1	
S	L39E 4800N	3	210	17	88	1.1	36	23	896	5.29	7	ND	ND	58	1	2	25	135	0.69	0.24	6	20	1.95	76	0.13	2.82	0.05	0.04	0.01	9	2	90	5.5	
S	L39E 4825N	2	371	2	78	1.8	27	4	920	4.40	8	ND	ND	68	1	2	2	114	1.10	0.23	11	27	1.34	182	0.08	3.54	0.05	0.05	0.04	9	2	100	6.7	
S	L39E 4850N	2	187	6	61	1.1	25	8	1177	4.78	8	ND	ND	83	1	2	2	126	1.12	0.35	6	24	1.71	145	0.07	3.25	0.06	0.08	0.01	10	2	270	5.6	
S	L39E 4875N	1	266	1	77	1.6	25	3	1557	5.24	10	ND	ND	132	2	2	2	143	1.64	0.36	10	23	1.86	281	0.08	4.56	0.08	0.09	0.02	11	3	130	6.2	
S	L39E 4900N	2	209	1	81	0.8	37	14	1215	5.04	8	ND	ND	84	1	4	2	130	0.91	0.23	6	25	2.06	225	0.09	3.27	0.06	0.09	0.01	5	2	90	5.9	
S	L39E 4950N	6	140	11	74	0.7	17	9	1926	5.05	5	ND	ND	71	1	2	2	130	0.86	0.16	8	20	1.32	407	0.07	3.08	0.07	0.06	0.01	6	2	100	5.7	
S	L39E 4975N	6	78	4	79	0.6	28	13	969	6.39	7	ND	ND	64	1	2	2	156	0.77	0.18	5	24	1.71	164	0.11	2.95	0.07	0.05	0.01	8	2	80	5.2	
S	L40E 4325N	2	251	25	121	1.1	44	23	1222	5.59	8	ND	ND	59	2	2	2	146	0.61	0.18	6	25	2.06	145	0.14	3.46	0.06	0.06	0.01	3	2	70	5.9	
S	L40E 4350N	2	265	34	129	1.8	31	29	2841	5.84	2	ND	ND	42	1	2	2	138	0.38	0.16	7	20	1.75	454	0.10	3.08	0.05	0.06	0.01	4	2	270	5.4	
S	L40E 4375N	3	94	13	70	0.7	17	6	597	5.15	5	ND	ND	31	1	2	2	147	0.20	0.09	4	18	1.34	103	0.16	2.70	0.04	0.04	0.01	3	2	80	5.0	
S	L40E 4400N	2	272	89	154	1.6	39	22	1138	5.78	8	ND	ND	49	1	3	2	148	0.54	0.18	5	21	2.16	101	0.13	3.40	0.05	0.04	0.01	6	2	80	5.4	
S	L40E 4425N	3	144	13	75	0.4	22	13	928	4.34	8	ND	ND	43	1	2	2	123	0.34	0.11	4	23	1.51	68	0.13	2.49	0.04	0.05	0.01	5	2	70	5.2	
S	L40E 4450N	1	199	13	98	0.5	44	14	762	5.32	10	ND	ND	45	1	2	2	129	0.32	0.12	7	29	1.87	90	0.16	3.52	0.05	0.05	0.01	7	2	90	5.2	
S	L40E 4475N	1	133	119	98	0.8	49	21	1168	5.82	3	ND	ND	51	1	2	2	156	0.56	0.17	4	27	2.13	77	0.16	2.82	0.05	0.03	0.01	9	2	70	5.5	
S	L40E 4500N	1	169	23	88	0.9	124	15	558	5.54	7	ND	ND	30	2	2	2	139	0.40	0.16	4	31	2.53	57	0.24	3.84	0.05	0.06	0.01	8	2	50	5.1	
S	L40E 4525N	2	161	16	92	0.7	31	15	1115	5.27	2	ND	ND	44	1	2	2	168	0.42	0.16	4	19	2.06	79	0.13	3.07	0.04	0.04	0.01	5	3	100	5.4	
S	L40E 4550N	3	87	28	96	0.7	42	22	920	6.28	4	ND	ND	39	1	3	2	214	0.39	0.10	3	22	2.51	66	0.20	2.93	0.05	0.04	0.01	10	3	50	5.0	
S	L40E 4575N	1	178	23	96	0.7	32	23	1241	5.95	12	ND	ND	42	1	2	2	174	0.38	0.13	4	19	1.90	65	0.18	2.82	0.05	0.06	0.01	8	3	110	5.1	
S	L40E 4600N	2	299	22	100	0.6	20	10	2272	5.47	3	ND	ND	187	1	2	2	142	1.03	0.27	8	15	1.66	147	0.06	3.69	0.06	0.04	0.01	10	2	150	5.8	
S	L40E 4625N	2	217	15	107	0.8	37	23	1114	6.64	9	ND	ND	44	1	2	2	191	0.33	0.11	6	20	2.26	87	0.21	3.35	0.05	0.04	0.01	7	3	50	5.3	
S 577	L40E 4650																																	

# RUSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

To: TECK EXPLORATIONS LTD.  
 # 960-175 SECOND AVE.  
 KAMLOOPS, B.C.  
 Project: 1384  
 Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
 British Columbia, Can. V5B 3N1  
 Ph:(604)299-6910 Fax:299-6252

Certificate: 91196 A  
 Invoice: 20339  
 Date Entered: 91-08-01  
 File Name: TEK91196.A  
 Page No.: 2

PRF	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPB AA	PPB DH
S 178	L40E 4675N	3	141	10	88	0.6	35	15	1013	5.08	11	ND	ND	57	1	2	2	151	0.42	0.17	4	23	1.89	114	0.15	2.75	0.05	0.05	0.01	3	2	190	5.3	
S	L40E 4700N	3	218	17	105	0.6	34	17	1361	5.62	10	ND	ND	44	1	2	2	161	0.42	0.17	6	23	2.18	101	0.13	3.30	0.06	0.06	0.01	5	3	70	5.5	
S	L40E 4725N	3	395	22	115	1.2	41	23	1213	5.79	11	ND	ND	47	2	2	2	157	0.53	0.18	6	23	2.30	76	0.15	2.95	0.06	0.05	0.01	4	3	140	5.7	
S	L40E 4750N	7	197	9	87	0.8	29	18	1578	5.60	14	ND	ND	49	1	2	2	144	0.33	0.18	6	18	1.70	119	0.12	2.84	0.05	0.06	0.01	3	2	260	5.1	
S	L40E 4775N	3	241	13	141	0.4	57	28	2166	6.08	9	ND	ND	50	2	2	2	128	0.62	0.21	8	23	1.98	227	0.11	3.22	0.07	0.06	0.01	3	2	360	5.7	
S	L40E 4800N	2	449	5	118	0.6	51	22	1115	5.60	11	ND	ND	74	2	2	2	138	0.72	0.12	6	20	2.07	201	0.11	2.80	0.06	0.04	0.01	1	2	130	6.2	
S	L40E 4825N	3	502	10	94	1.1	48	18	2838	5.21	8	ND	ND	60	2	2	2	123	0.97	0.23	9	18	1.51	322	0.07	3.36	0.06	0.03	0.01	6	2	100	6.1	
S	L40E 4875N	3	332	7	101	0.6	27	23	1167	6.14	3	ND	ND	66	2	2	2	197	0.66	0.12	3	16	1.80	165	0.18	2.86	0.05	0.05	0.02	3	3	120	4.6	
S	L40E 4900N	2	324	2	96	0.7	39	25	1284	5.79	3	ND	ND	60	1	2	2	157	0.63	0.16	3	17	2.11	176	0.11	2.72	0.04	0.04	0.01	5	2	100	5.6	
S	L40E 4950N	3	292	8	92	0.8	32	19	738	5.99	13	ND	ND	74	1	4	7	192	0.38	0.11	3	22	1.89	91	0.12	2.35	0.05	0.04	0.01	11	3	100	4.4	
S	L40E 4975N	3	641	6	107	1.2	44	27	1865	6.41	7	ND	ND	93	2	6	2	207	0.73	0.17	5	22	2.52	191	0.13	3.22	0.06	0.08	0.01	15	3	160	5.5	
S	L40E 5775N	3	49	7	77	0.7	61	33	1833	4.91	5	ND	ND	13	1	7	2	154	0.49	0.08	3	27	3.11	79	0.11	2.18	0.04	0.09	0.01	11	2	110	6.0	
S	L40E 5800N	2	63	13	68	0.4	43	21	794	3.86	13	ND	ND	15	1	11	13	101	0.23	0.05	3	29	1.80	68	0.14	1.71	0.05	0.09	0.01	8	2	10	5.5	
S	L40E 5825N	1	39	15	98	0.3	42	22	980	4.29	13	ND	ND	16	1	8	6	106	0.39	0.11	3	25	1.58	115	0.09	1.58	0.05	0.05	0.01	10	2	10	5.8	
S	L40E 5850N	2	34	7	74	0.5	41	18	801	4.16	8	ND	ND	15	1	7	2	103	0.34	0.07	2	25	1.61	79	0.11	1.55	0.04	0.04	0.01	5	2	10	6.0	
S	L41E 5000N	11	79	17	80	1.0	40	8	374	4.79	10	ND	ND	37	1	4	2	157	0.27	0.09	6	17	1.47	83	0.19	2.49	0.05	0.04	0.01	18	2	20	4.8	
S	L41E 5025N	8	115	6	127	1.0	51	21	913	5.32	8	ND	ND	37	1	4	2	136	0.52	0.16	5	19	1.77	125	0.11	2.53	0.05	0.07	0.01	17	2	90	5.6	
S	L41E 5050N	7	223	7	87	0.8	55	21	1036	4.96	10	ND	ND	51	1	2	2	145	0.49	0.11	4	20	2.01	233	0.11	2.68	0.06	0.06	0.01	11	2	50	5.6	
S	L41E 5075N	11	63	8	59	0.6	28	4	257	3.50	12	ND	ND	36	1	2	2	116	0.30	0.07	3	16	1.04	61	0.21	1.88	0.05	0.04	0.01	17	2	80	4.8	
S	L41E 5100N	4	65	1	62	0.6	32	13	1527	3.57	5	ND	ND	38	1	2	2	114	0.30	0.10	1	21	1.30	87	0.08	1.57	0.02	0.06	0.01	1	1	60	4.5	
S	L41E 5125N	3	59	1	71	0.6	43	10	454	5.89	2	ND	ND	23	1	2	2	161	0.28	0.13	1	23	1.97	57	0.17	2.52	0.04	0.05	0.01	1	2	30	4.6	
S	L41E 5150N	6	78	6	74	0.5	44	9	458	5.78	9	ND	ND	34	1	4	2	146	0.33	0.11	3	22	1.67	53	0.19	2.67	0.03	0.03	0.01	3	2	40	4.8	
S	L41E 5175N	8	75	1	87	0.8	44	8	418	6.06	8	ND	ND	30	1	2	2	125	0.28	0.10	3	21	1.67	64	0.18	2.69	0.04	0.03	0.01	5	2	30	4.5	
S	L41E 5200N	4	134	1	62	0.7	39	20	675	4.76	7	ND	ND	36	1	2	2	118	0.52	0.15	4	19	1.54	53	0.11	1.83	0.03	0.03	0.01	1	2	100	5.5	
S	L41E 5225N	7	92	4	53	0.7	38	15	409	4.18	7	ND	ND	45	1	2	2	105	0.60	0.16	4	19	1.37	69	0.11	1.69	0.03	0.06	0.01	7	2	40	5.6	
S	L41E 5250N	8	231	6	82	0.4	69	21	658	4.94	9	ND	ND	52	1	2	2	125	0.81	0.14	6	22	2.10	94	0.17	2.47	0.04	0.07	0.01	6	2	80	5.9	
S	L41E 5275N	9	201	2	81	0.8	46	11	366	3.71	4	ND	ND	51	1	2	2	93	0.93	0.16	7	18	1.63	81	0.08	2.41	0.03	0.10	0.01	2	2	40	6.1	
S	L41E 5300N	9	213	1	76	0.8	40	15	447	5.01	10	ND	ND	45	1	2	2	113	0.64	0.09	6	19	1.28	87	0.15	2.11	0.05	0.06	0.01	7	2	1060	6.2	
S	L41E 5325N	8	118	1	68	1.2	42	18	718	4.56	6	ND	ND	39	1	2	2	120	0.73	0.10	4	19	1.42	83	0.13	2.19	0.03	0.06	0.01	3	2	80	6.3	
S	L41E 5350N	3	110	2	58	0.8	37	23	521	4.29	5	ND	ND	34	1	5	2	98	0.61	0.09	6	23	1.44	78	0.09	2.42	0.04	0.07	0.01	10	2	40	6.4	
S	L41E 5375N	5	197	4	81	0.6	45	23	909	5.14	4	ND	ND	41	2	2	6	133	0.58	0.10	5	22	2.12	96	0.19	2.85	0.06	0.04	0.01	14	2	50	6.2	
S	L41E 5400N	3	100	4	79	0.7	36	4	340	5.39	7	ND	ND	28	1	2	2	107	0.29	0.07	4	21	1.30	80	0.17	3.65	0.05	0.09	0.02	13	2	90	5.4	
S	L41E 5425N	3	90	1	56	0.5	34	17	464	4.19	3	ND	ND	33	1	3	2	100	0.56	0.10	4	20	1.44	54	0.10	1.84	0.04	0.02	0.01	10	2	60	6.0	
S	L41E 5450N	5	62	11	68	0.8	34	15	425	5.17	4	ND	ND	31	1	4	7	136	0.40	0.09	4	19	1.53	65	0.19	2.26	0.04	0.04	0.01	13	2	50	5.2	
S	L41E 5475N	7	87	4	53	0.4	37	25	502	6.08	2	ND	ND	33	1	3	2	143	0.50	0.14	4	22	1.22	62	0.12	1.61	0.04	0.06	0.01	26	2	90	5.7	
S	L41E 5500N	8	147	1.1	87	0.8	46	26	829	5.47	12	ND	ND	41	2	6	18	135	0.80	0.18	8	20	1.94	91	0.15	2.46	0.05	0.09	0.01	19	2	100	6.0	
S	L41E 5525N	4	217	1.4	112	0.7	28	28	1768	5.96	12	ND	ND	41	3	3	3	181	1.25	0.16	12	19	2.16	214	0.18	3.03	0.07	0.12	0.01	19	3	40	6.3	
S	L41E 5550N	3	107	1.4	95	1.0	40	32	2789	4.59	8	ND	ND	26	1	4	9	106	0.59	0.22	5	19	1.45	214	0.06	1.91	0.04	0.08	0.01	10	2	30	6.2	
S	L41E 5575N	2	81	5	81	0.7	52	21	627	5.30	16	ND	ND	22	1	4																		

# RUSSBACHER LABORATORIES LTD.

## CERTIFICATE OF ANALYSIS

4445 Spruigan Ave., Lumby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.  
Project: 1384  
Type of Analysis: ICP

Certificate: 91196 A  
Invoice: 20339  
Date Entered: 91-08-01  
File Name: TEK91196.A  
Page No.: 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AC	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU	PPB AA	PPB BH
S 218	L41E 5625N	1	37	6	83	0.5	37	16	564	5.20	2	ND	ND	21	1	2	2	158	0.39	0.12	2	23	1.28	96	0.15	1.51	0.03	0.07	0.01	1	2	20	5.3	
S	L41E 5650N	2	38	6	89	0.3	41	17	406	6.76	13	ND	ND	20	1	3	2	201	0.38	0.06	2	25	1.40	80	0.21	1.70	0.04	0.05	0.01	1	3	30	5.4	
S	L41E 5675N	1	45	5	78	0.3	36	20	545	5.18	9	ND	ND	12	1	3	2	155	0.32	0.07	1	24	1.63	84	0.20	1.72	0.03	0.14	0.01	1	2	20	5.5	
S	L41E 5700N	1	31	2	64	0.4	33	20	532	5.53	8	ND	ND	13	1	6	2	149	0.26	0.07	1	23	1.26	53	0.21	1.36	0.03	0.04	0.01	1	2	0	5.2	
S	L41E 5725N	1	40	2	72	0.6	34	19	637	4.64	10	ND	ND	15	1	2	2	129	0.26	0.05	1	21	1.63	76	0.15	1.71	0.03	0.06	0.01	1	2	10	5.4	
S	L41E 5750N	1	26	1	81	0.4	29	16	879	4.98	3	ND	ND	18	1	2	2	160	0.31	0.10	2	19	1.11	118	0.17	1.29	0.03	0.07	0.01	1	2	30	5.6	
S	L41E 5775N	1	53	5	72	0.3	55	24	836	4.85	16	ND	ND	13	1	2	2	134	0.37	0.07	1	30	2.00	53	0.15	1.69	0.03	0.04	0.01	1	2	10	6.0	
S	L41E 5800N	2	61	3	84	0.3	507	39	1009	4.46	11	ND	ND	12	2	3	2	82	0.85	0.24	7	53	5.93	35	0.18	3.95	0.05	0.07	0.01	11	2	5	6.4	
S	L41E 5825N	3	41	9	66	0.3	39	20	979	3.47	8	ND	ND	17	1	3	2	76	0.68	0.20	2	27	1.58	100	0.04	1.48	0.03	0.13	0.01	8	1	5	5.8	
S	L41E 5850N	1	75	4	57	0.4	47	27	618	3.74	12	ND	ND	14	1	2	2	82	0.36	0.05	1	27	1.82	35	0.09	1.50	0.02	0.07	0.01	3	1	5	5.9	
S	L41E 5875N	2	72	2	51	0.2	36	24	1097	3.02	5	ND	ND	16	1	2	2	59	0.46	0.10	1	29	1.29	42	0.05	1.25	0.02	0.02	0.01	2	1	5	6.0	
S	L41E 5900N	2	53	9	67	0.5	35	29	847	4.79	7	ND	ND	18	1	3	2	138	0.44	0.06	2	20	1.48	84	0.16	1.45	0.03	0.03	0.01	10	2	10	6.0	
S	L41E 5925N	2	111	1	77	0.4	47	30	1164	5.83	10	ND	ND	8	1	4	2	186	0.22	0.03	2	24	1.97	54	0.24	1.89	0.03	0.12	0.01	4	3	20	5.1	
S	L41E 5950N	2	34	7	61	0.4	41	24	1067	3.70	8	ND	ND	12	1	2	4	76	0.34	0.07	1	24	1.77	50	0.08	1.48	0.03	0.03	0.01	2	1	5	5.4	
S	L41E 5975N	2	39	1	73	0.2	47	23	885	4.04	9	ND	ND	23	1	2	4	83	0.51	0.05	5	22	2.38	71	0.11	2.06	0.03	0.17	0.01	7	1	5	6.3	
S	L41E 6000N	3	39	1	75	0.2	38	21	1024	4.27	11	ND	ND	37	1	2	2	76	0.62	0.09	7	20	1.87	108	0.07	2.16	0.04	0.08	0.01	13	1	5	6.5	
S	L42E 5000N	10	136	7	103	0.3	49	13	679	5.24	6	ND	ND	43	1	2	2	132	0.50	0.12	6	15	1.71	114	0.16	2.82	0.04	0.06	0.01	15	2	30	5.1	
S	L42E 5025N	6	96	3	107	0.6	54	14	592	5.60	7	ND	ND	37	1	2	2	151	0.35	0.10	3	18	2.23	64	0.21	2.79	0.04	0.06	0.01	9	2	50	4.4	
S	L42E 5050N	12	34	8	50	1.1	27	2	210	2.97	4	ND	ND	29	1	2	2	92	0.23	0.07	3	17	0.86	50	0.15	1.84	0.02	0.03	0.01	15	1	40	4.6	
S	L42E 5075N	16	37	2	64	0.6	41	10	453	5.63	8	ND	ND	33	1	2	2	184	0.22	0.13	2	21	1.24	60	0.25	1.93	0.03	0.05	0.01	21	3	20	4.5	
S	L42E 5100N	14	36	3	57	0.5	18	3	270	5.08	6	ND	ND	27	1	2	2	167	0.19	0.08	4	16	0.68	57	0.18	1.77	0.03	0.06	0.01	26	2	10	4.5	
S	L42E 5125N	8	285	8	98	0.7	50	22	689	5.61	14	ND	ND	41	1	2	2	139	0.45	0.14	6	21	1.71	73	0.20	3.13	0.04	0.05	0.01	21	2	50	5.4	
S	L42E 5150N	10	227	7	78	0.6	47	25	907	4.94	9	ND	ND	54	1	2	2	131	0.67	0.16	6	19	1.76	90	0.13	2.26	0.04	0.06	0.01	20	2	70	5.7	
S	L42E 5175N	8	151	9	77	0.3	51	17	490	4.78	7	ND	ND	44	1	2	2	117	0.45	0.11	4	20	1.89	70	0.16	2.53	0.04	0.04	0.01	12	2	30	5.0	
S	L42E 5200N	10	171	6	99	0.3	39	17	691	5.83	4	ND	ND	39	1	2	2	142	0.38	0.16	5	18	1.53	74	0.17	2.56	0.03	0.05	0.01	17	2	30	4.6	
S	L42E 5225N	20	77	5	78	0.9	28	11	382	6.34	6	ND	ND	39	1	2	2	149	0.58	0.09	5	17	1.46	119	0.20	3.02	0.04	0.10	0.01	28	2	40	5.5	
S	L42E 5250N	10	30	6	71	0.2	42	4	280	6.40	11	ND	ND	21	1	2	2	128	0.16	0.05	6	19	0.97	49	0.23	2.67	0.04	0.04	0.01	15	2	20	4.8	
S	L42E 5275N	3	143	4	58	0.6	38	17	508	4.56	4	ND	ND	38	1	3	2	111	0.52	0.14	4	18	1.32	49	0.13	2.01	0.03	0.06	0.01	15	2	70	5.0	
S	L42E 5300N	17	124	37	117	0.4	21	45	1167	8.79	14	ND	ND	33	3	4	2	215	1.12	0.23	7	20	2.52	117	0.24	3.35	0.05	0.10	0.01	26	3	20	5.8	
S	L42E 5325N	8	108	13	111	0.3	36	18	1120	4.42	12	ND	ND	48	1	4	16	124	1.04	0.18	8	22	1.45	115	0.07	2.44	0.04	0.07	0.01	17	2	20	6.0	
S	L42E 5350N	9	224	15	106	0.6	44	32	1032	5.96	12	ND	ND	49	2	5	2	154	1.04	0.15	8	21	2.18	149	0.21	2.96	0.06	0.21	0.01	17	3	100	6.2	
S	L42E 5375N	6	87	17	108	0.2	43	22	711	5.11	14	ND	ND	43	1	5	2	140	0.78	0.12	6	22	1.78	90	0.12	2.34	0.03	0.08	0.01	11	2	40	6.2	
S	L42E 5400N	5	116	7	78	0.1	83	19	535	5.04	10	ND	ND	35	1	2	2	120	0.51	0.14	4	24	1.95	64	0.17	2.47	0.04	0.04	0.01	17	2	30	5.0	
S	L42E 5425N	12	82	17	182	0.1	27	21	4053	5.95	7	ND	ND	37	2	2	2	153	0.60	0.13	5	14	1.82	186	0.20	3.05	0.06	0.08	0.01	18	3	10	5.6	
S	L42E 5450N	4	132	9	139	0.2	36	15	558	5.34	10	ND	ND	39	1	2	2	137	0.60	0.08	5	18	1.55	119	0.20	2.92	0.04	0.06	0.01	14	2	30	5.5	
S	L42E 5475N	5	77	13	86	0.1	35	20	614	5.31	13	ND	ND	32	2	2	2	140	0.32	0.07	3	16	1.92	78	0.31	2.78	0.04	0.14	0.01	15	2	30	4.9	
S	L42E 5500N	4	63	5	59	0.3	23	8	403	5.03	13	ND	ND	33	1	2	2	128	0.34	0.08	3	16	1.22	58	0.23	2.21	0.04	0.04	0.01	10	2	70	5.0	
S	L42E 5525N	7	60	3	105	0.4	28	13	501	4.84	2	ND	ND	40	1	2	2	142	0.69	0.10	3	20	1.70	105	0.24	2.22	0.03	0.08	0.01	16	2	30	5.4	
S	L42E 5550N	3	34	6	68	0.5	52	30	745	6.63	3	ND	ND	8</																				

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS


To: TECK EXPLORATIONS LTD.  
 # 960-175 SECOND AVE.  
 KAMLOOPS, B.C.  
 Project: 1384  
 Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
 British Columbia, Can. V5B 3N1  
 Ph:(604)299-6910 Fax:299-6252

Certificate: 91196 A  
 Invoice: 20339  
 Date Entered: 91-08-01  
 File Name: TEK91196.A  
 Page No.: 4

PRE #	SAMPLE NAME	MO	CU	PB	ZN	AG	NI	CO	WN	FE	AS	AU	HG	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	AI	NA	K	SI	W	BE	AU	AA	DH
S 258	L42E 5600N	2	22	5	56	0.4	17	19	1580	3.54	2	ND	ND	21	1	2	2	113	0.28	0.07	2	19	0.78	122	0.10	0.98	0.02	0.06	0.01	4	2	10	5.0	
S	L42E 5625N	2	24	5	62	0.2	24	15	770	3.54	6	ND	ND	31	1	3	2	116	0.36	0.10	2	21	1.03	149	0.12	1.12	0.02	0.07	0.01	6	2	20	5.4	
S	L42E 5650N	3	49	6	65	0.3	46	22	649	4.43	8	ND	ND	12	1	3	2	130	0.24	0.07	1	32	1.95	46	0.11	1.72	0.02	0.04	0.01	8	2	20	5.0	
S	L42E 5675N	2	43	6	68	0.2	33	14	377	4.99	2	ND	ND	17	1	2	2	129	0.27	0.07	1	20	1.28	47	0.14	1.59	0.02	0.04	0.01	9	2	20	4.9	
S	L42E 5700N	2	44	6	76	0.5	32	14	298	4.69	4	ND	ND	19	1	2	2	130	0.29	0.10	1	20	1.27	59	0.16	1.46	0.03	0.05	0.01	7	2	20	4.9	
S	L42E 5725N	2	107	5	72	0.4	56	32	1216	4.39	6	ND	ND	10	1	3	5	152	0.43	0.05	1	28	2.41	57	0.22	2.03	0.03	0.09	0.01	11	2	10	5.5	
S	L42E 5750N	2	69	1	66	0.3	47	29	770	5.51	2	ND	ND	8	1	2	2	151	0.39	0.05	1	27	1.87	47	0.17	1.47	0.03	0.10	0.01	9	2	10	5.8	
S	L42E 5775N	4	69	9	62	0.6	52	31	1039	5.36	2	ND	ND	9	1	3	2	171	0.48	0.05	1	35	2.24	72	0.21	1.71	0.03	0.12	0.01	16	2	10	6.0	
S	L42E 5800N	2	37	8	88	0.5	27	26	1964	5.48	4	ND	ND	14	1	2	2	166	0.45	0.11	3	23	1.46	218	0.20	1.56	0.04	0.23	0.01	12	2	5	6.0	
S	L42E 5825N	2	53	1	46	0.4	37	25	901	4.60	2	ND	ND	8	1	2	2	115	0.27	0.05	1	26	1.66	59	0.14	1.39	0.03	0.09	0.01	8	2	20	5.7	
S	L42E 5850N	2	33	1	50	0.3	36	22	724	4.36	2	ND	ND	12	1	2	2	102	0.34	0.05	1	24	1.61	46	0.12	1.41	0.03	0.10	0.01	8	1	5	5.7	
S	L42E 5875N	2	28	2	52	0.6	36	20	573	4.99	2	ND	ND	15	1	3	2	137	0.38	0.05	3	20	1.66	78	0.20	1.64	0.04	0.05	0.01	8	2	10	5.8	
S	L42E 5900N	2	18	7	50	0.4	27	16	1053	4.68	2	ND	ND	14	1	2	2	142	0.26	0.07	3	19	1.19	73	0.20	1.29	0.03	0.07	0.01	8	2	5	5.5	
S	L42E 5925N	2	25	6	64	0.4	32	18	379	5.46	2	ND	ND	15	1	2	2	134	0.18	0.05	4	21	1.57	91	0.24	1.74	0.03	0.08	0.01	11	2	10	4.8	
S	L42E 5950N	2	57	6	74	0.7	42	23	551	6.17	3	ND	ND	28	1	2	2	172	0.37	0.07	2	19	1.74	109	0.20	1.89	0.04	0.06	0.01	9	2	10	5.3	
S	L42E 5975N	2	56	2	96	0.5	48	22	429	5.56	2	ND	ND	24	1	3	2	160	0.29	0.07	2	21	1.96	72	0.22	2.18	0.04	0.05	0.01	12	2	5	5.2	
S	L42E 6000N	2	47	1	110	0.5	57	27	923	5.96	7	ND	ND	20	1	3	2	174	0.27	0.10	2	20	2.56	74	0.16	2.62	0.04	0.04	0.01	13	3	10	5.2	
S	L43E 5000N	13	76	11	94	0.5	38	14	474	5.54	13	ND	ND	43	1	2	2	156	0.44	0.10	5	20	1.19	141	0.20	2.14	0.04	0.06	0.01	28	2	70	5.1	
S	L43E 5025N	10	276	15	108	0.6	84	30	694	5.60	11	ND	ND	47	1	2	2	139	0.89	0.18	6	23	2.35	143	0.18	2.73	0.05	0.45	0.01	35	2	30	6.0	
S	L43E 5050N	18	50	13	68	0.8	36	11	308	5.32	8	ND	ND	36	1	2	2	161	0.33	0.06	4	18	1.17	108	0.23	1.99	0.04	0.06	0.01	34	2	230	4.8	
S	L43E 5075N	5	116	11	84	0.6	69	30	1388	5.78	13	ND	ND	30	1	2	2	143	0.43	0.29	3	21	2.12	86	0.15	3.21	0.05	0.07	0.01	21	2	30	4.9	
S	L43E 5100N	7	72	8	75	0.8	52	14	448	5.11	8	ND	ND	37	1	2	2	128	0.38	0.11	3	20	1.72	63	0.15	2.87	0.05	0.04	0.01	23	2	20	4.9	
S	L43E 5125N	15	42	4	63	0.4	37	13	463	5.57	11	ND	ND	32	1	2	2	151	0.27	0.07	3	18	1.25	68	0.18	2.32	0.04	0.06	0.01	24	2	20	4.8	
S	L43E 5150N	14	102	17	127	0.6	42	32	1337	5.55	12	ND	ND	58	1	2	2	161	0.83	0.12	7	18	1.55	264	0.19	2.45	0.05	0.08	0.01	24	2	20	5.9	
S	L43E 5175N	14	79	10	83	0.6	45	24	491	5.33	6	ND	ND	65	1	2	2	118	1.07	0.12	6	18	1.37	170	0.15	2.94	0.05	0.06	0.03	25	2	30	6.3	
S	L43E 5200N	8	165	8	76	0.7	40	27	647	4.62	6	ND	ND	61	1	2	2	114	0.89	0.18	4	16	1.76	108	0.12	2.48	0.04	0.05	0.01	20	2	120	6.3	
S	L43E 5225N	17	82	7	66	0.7	37	10	326	5.60	19	ND	ND	32	1	2	2	108	0.32	0.10	6	18	1.09	91	0.16	3.59	0.05	0.04	0.02	31	2	20	5.3	
S	L43E 5250N	6	100	1	81	0.6	38	17	549	6.53	11	ND	ND	39	1	2	2	177	0.34	0.16	2	22	1.55	53	0.16	2.58	0.04	0.06	0.01	16	2	40	4.5	
S	L43E 5275N	11	59	4	72	0.6	34	16	494	6.30	13	ND	ND	37	1	4	2	165	0.36	0.12	3	22	1.24	66	0.19	2.14	0.05	0.04	0.01	19	2	30	4.7	
S	L43E 5300N	17	117	3	101	0.5	41	22	730	5.42	11	ND	ND	59	1	2	2	131	0.76	0.19	6	20	1.52	66	0.13	2.07	0.04	0.05	0.01	22	2	40	5.6	
S	L43E 5325N	9	136	12	113	0.4	38	25	1000	4.51	11	ND	ND	44	1	2	2	116	0.86	0.18	7	19	1.45	104	0.11	2.15	0.05	0.05	0.01	23	2	40	5.9	
S	L43E 5350N	15	47	10	119	0.5	39	24	462	4.22	12	ND	ND	43	1	2	2	135	0.88	0.19	5	19	1.62	83	0.13	1.99	0.05	0.06	0.01	25	2	10	6.0	
S	L43E 5375N	22	218	8	146	0.7	33	44	1847	7.10	9	ND	ND	41	2	2	2	205	1.36	0.17	7	17	2.42	201	0.21	2.90	0.05	0.18	0.01	29	3	30	6.1	
S	L43E 5400N	9	186	4	66	0.5	50	26	574	5.80	12	ND	ND	35	1	2	2	132	0.45	0.12	4	20	1.47	71	0.19	2.16	0.04	0.07	0.01	20	2	50	5.1	
S	L43E 5425N	18	61	11	78	0.7	28	13	354	5.97	10	ND	ND	31	1	2	2	156	0.27	0.09	5	17	1.03	80	0.26	2.24	0.05	0.06	0.01	22	2	20	5.0	
S	L43E 5450N	9	73	11	99	0.6	28	14	452	6.85	12	ND	ND	26	1	2	2	193	0.33	0.12	4	17	1.83	68	0.23	2.81	0.05	0.06	0.01	20	3	5	4.7	
S	L43E 5475N	10	179	9	100	0.7	39	24	541	5.57	13	ND	ND	39	1	4	2	125	0.69	0.12	5	27	1.62	93	0.15	2.46	0.05	0.09	0.01	13	2	10	6.0	
S	L43E 5500N	6	245	9	107	0.6	45	32	920	5.69	12	ND	ND	43	1	2	2	147	0.90	0.14	5	23	2.46	108	0.20	3.23	0.05	0.09	0.01	18	2	30	6.2	
S	L43E 5525N	5	108	9	142	0.4	40	35	1447	6.18	10	ND	ND	38	1	3	2	170	1.04	0.21	6	26	2.62	140	0.21	3.24	0.06	0.19	0.01	19	3	20	5.9	
S 297	L43E 5550N	9	88	7	104	0.4	35	20	409	7.41	15	ND	ND	27	1	2	2	180	0.33	0.08	3	20	1.54	113	0.29	2.53	0.05	0.06	0.01	20	3	10	4.7	

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## CERTIFICATE OF ANALYSIS

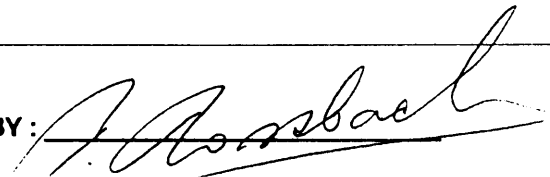
2225 Springer Ave., Burnaby,  
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To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.  
Project: 1384  
Type of Analysis: ICP

Certificate: 91196 A  
Invoice: 20339  
Date Entered: 91-08-01  
File Name: TEK91196.A  
Page No.: 5

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM Mn	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AL	PPM AA	PPM DH
S-297	L43E 5575N	6	147	10	87	0.7	58	21	436	5.64	10	ND	ND	37	1	2	2	122	0.69	0.12	4	22	1.67	123	0.14	2.55	0.05	0.05	0.01	13	2	80	5.7	
SS	L43E 5600N	9	100	6	79	0.4	43	25	568	4.91	11	ND	ND	33	1	2	2	120	0.63	0.12	4	23	1.68	75	0.15	1.86	0.04	0.07	0.01	15	2	50	5.9	
SS	L43E 5625N	7	408	5	94	1.2	67	31	582	5.87	21	ND	ND	32	1	2	2	133	0.53	0.14	5	21	1.57	73	0.15	3.15	0.05	0.07	0.02	19	2	70	5.7	
SS	L43E 5650N	8	102	8	97	0.9	46	28	809	5.98	13	ND	ND	35	1	4	2	155	0.48	0.09	5	20	1.76	73	0.20	2.52	0.05	0.07	0.01	17	3	30	5.5	
SS	L43E 5675N	5	108	5	102	0.6	39	25	878	5.03	15	ND	ND	27	1	3	2	144	0.88	0.14	5	30	1.62	105	0.10	2.07	0.05	0.06	0.01	18	2	10	6.0	
SS	L43E 5700N	9	38	10	96	0.4	37	17	654	4.37	6	ND	ND	27	1	2	2	137	0.41	0.09	4	18	1.22	106	0.17	1.60	0.04	0.08	0.01	10	2	10	5.3	
SS	L43E 5725N	3	21	1	99	0.6	40	24	696	6.24	13	ND	ND	16	1	2	2	222	0.36	0.09	3	33	1.73	99	0.35	1.93	0.04	0.26	0.01	10	3	30	4.9	
SS	L43E 5750N	6	139	4	146	0.7	47	28	867	5.77	16	ND	ND	25	1	2	2	150	0.48	0.13	8	23	1.70	79	0.13	2.62	0.05	0.07	0.01	10	3	30	5.5	
SS	L43E 5775N	4	82	1	112	0.6	66	34	540	7.86	10	ND	ND	42	1	4	2	220	0.44	0.11	2	23	2.18	69	0.30	2.58	0.06	0.07	0.01	12	3	20	4.8	
SS	L43E 5800N	3	47	1	93	0.6	49	25	439	6.25	7	ND	ND	29	1	3	2	172	0.42	0.12	2	21	1.57	83	0.17	1.84	0.04	0.05	0.01	12	2	10	4.9	
SS	L43E 5825N	2	22	1	88	0.6	41	21	1064	4.72	9	ND	ND	17	1	2	2	141	0.28	0.11	3	16	1.68	78	0.15	1.75	0.04	0.08	0.01	7	2	10	4.7	
SS	L43E 5850N	3	63	1	103	0.6	56	27	521	5.25	6	ND	ND	31	1	2	2	161	0.33	0.08	2	21	2.23	75	0.18	2.43	0.05	0.07	0.01	10	2	20	5.0	
SS	L43E 5875N	3	66	1	99	0.6	54	27	499	5.87	12	ND	ND	39	1	3	2	174	0.43	0.07	1	21	1.98	52	0.22	2.12	0.04	0.07	0.01	10	2	60	4.9	
SS	L43E 5900N	3	111	1	142	0.7	56	34	1372	6.04	10	ND	ND	33	1	3	2	162	0.49	0.09	2	21	1.92	161	0.17	1.95	0.05	0.06	0.01	8	2	20	5.3	
SS	L43E 5925N	2	57	1	78	0.7	51	28	346	6.59	13	ND	ND	24	1	2	2	146	0.43	0.08	2	23	1.36	50	0.15	1.34	0.05	0.05	0.01	6	2	5	5.2	
SS	L43E 5950N	2	41	1	70	0.6	36	21	366	6.66	6	ND	ND	14	1	2	2	155	0.34	0.12	2	20	0.97	54	0.24	1.06	0.05	0.04	0.01	5	2	10	4.6	
SS	L43E 5975N	2	65	9	104	0.3	51	26	412	6.50	10	ND	ND	59	1	3	2	163	0.38	0.11	2	26	1.84	106	0.23	2.13	0.05	0.06	0.01	14	2	5	5.0	
SS	L43E 6000N	1	75	7	91	0.4	41	24	416	6.63	5	ND	ND	35	1	2	2	166	0.38	0.12	3	22	1.65	76	0.24	2.13	0.05	0.07	0.01	14	2	5	4.8	
SS	L44E 5000N	5	211	17	90	0.4	136	37	1030	5.58	14	ND	ND	44	1	3	2	149	0.68	0.16	4	29	2.83	117	0.18	2.94	0.06	0.15	0.01	20	2	20	5.5	
SS	L44E 5025N	11	604	18	166	0.6	79	50	3611	7.03	14	ND	ND	75	3	3	2	211	1.43	0.28	18	22	2.24	556	0.08	4.04	0.07	0.16	0.01	33	3	25	6.4	
SS	L44E 5050N	20	104	13	151	0.4	18	11	465	7.03	4	ND	ND	46	2	4	2	223	1.63	0.15	6	12	1.52	358	0.22	3.27	0.06	0.11	0.01	30	3	5	6.4	
SS	L44E 5075N	21	247	13	122	0.5	93	30	603	6.32	6	ND	ND	68	1	2	2	147	0.83	0.15	13	22	2.06	202	0.17	3.06	0.06	0.12	0.01	51	3	60	6.3	
SS	L44E 5100N	26	103	27	131	0.5	31	18	722	7.09	10	ND	ND	42	1	2	2	217	0.57	0.09	9	14	0.99	171	0.31	2.18	0.05	0.07	0.01	37	3	5	5.4	
SS	L44E 5125N	11	25	12	40	0.2	19	7	227	3.27	3	ND	ND	46	1	2	2	130	0.30	0.06	3	14	0.63	72	0.25	1.19	0.04	0.07	0.01	19	2	20	4.4	
SS	L44E 5150N	17	139	18	130	0.6	45	51	1125	7.60	18	ND	ND	48	2	3	2	205	0.70	0.18	6	17	1.72	233	0.16	3.07	0.06	0.07	0.01	48	3	20	5.5	
SS	L44E 5175N	10	165	23	106	0.7	66	31	587	5.85	11	ND	ND	39	1	4	2	145	0.49	0.14	5	20	1.98	144	0.22	2.81	0.05	0.08	0.01	31	2	40	4.9	
SS	L44E 5200N	8	189	3	69	0.3	62	28	613	5.28	8	ND	ND	35	1	3	2	139	0.38	0.13	4	24	1.83	85	0.17	2.38	0.05	0.06	0.01	19	2	60	4.7	
SS	L44E 5225N	17	131	9	61	0.6	39	18	425	4.92	6	ND	ND	52	1	4	2	119	0.75	0.07	8	19	1.27	189	0.18	2.07	0.05	0.06	0.01	31	2	60	5.8	
SS	L44E 5250N	8	177	14	88	0.6	76	38	1034	5.51	2	ND	ND	48	1	3	2	138	0.94	0.19	5	24	2.13	168	0.14	2.52	0.05	0.08	0.01	25	2	130	6.2	
SS	L44E 5275N	10	181	15	90	0.6	59	29	716	5.01	6	ND	ND	55	1	2	2	112	0.92	0.14	6	20	1.92	175	0.13	2.50	0.05	0.07	0.01	27	2	30	6.3	
SS	L44E 5300N	5	160	14	76	0.5	75	37	815	6.12	6	ND	ND	50	1	2	2	156	0.96	0.18	5	23	2.06	156	0.15	2.21	0.05	0.08	0.01	28	2	50	6.4	
SS	L44E 5325N	7	136	14	41	0.5	35	18	654	4.21	6	ND	ND	53	1	2	2	145	0.92	0.10	5	17	1.02	214	0.24	1.65	0.04	0.05	0.01	20	2	90	6.5	
SS	L44E 5350N	23	59	11	50	0.8	35	14	329	7.52	9	ND	ND	26	1	2	2	193	0.27	0.08	4	19	1.28	62	0.26	2.76	0.05	0.05	0.01	32	3	100	4.7	
SS	L44E 5375N	12	281	13	85	0.8	61	29	758	5.33	10	ND	ND	49	1	2	2	131	1.15	0.18	7	19	1.99	140	0.14	2.65	0.06	0.11	0.01	23	2	40	5.8	
SS-332	L44E 5400N	10	238	12	67	0.6	58	30	641	5.30	2	ND	ND	50	1	2	2	136	0.91	0.10	5	19	2.13	107	0.19	2.56	0.05	0.09	0.01	21	2	60	6.1	

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## CERTIFICATE OF ANALYSIS

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To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91196 B  
Invoice: 20339  
Date Entered: 91-08-07  
File Name: TEK91196.B  
Page No.: 1

200-

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AC	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	333 L44E 5425N	12	135	9	88	0.2	33	17	621	4.43	2	ND	ND	40	1	6	2	110	0.83	0.09	8	24	1.38	111	0.09	2.11	0.04	0.08	0.01	14	2	20	6.4	
S	L44E 5450N	11	197	4	95	0.2	31	22	709	4.92	2	ND	ND	39	1	3	2	119	0.82	0.10	8	27	1.58	126	0.15	2.27	0.05	0.14	0.01	12	2	50	6.5	
S	L44E 5475N	7	144	3	88	0.1	28	22	913	5.24	2	ND	ND	35	1	3	2	128	0.58	0.08	5	25	1.63	124	0.16	2.50	0.05	0.08	0.01	5	2	20	5.7	
S	L44E 5500N	11	40	8	43	0.2	16	9	236	4.18	2	ND	ND	27	1	2	2	134	0.23	0.04	3	41	0.81	63	0.19	1.46	0.04	0.06	0.01	4	2	50	4.6	
S	L44E 5525N	7	183	9	74	0.3	24	26	1397	4.95	5	ND	ND	39	1	2	2	128	0.70	0.11	7	22	1.79	151	0.17	2.85	0.06	0.15	0.01	15	2	20	5.8	
S	L44E 5550N	8	88	4	66	0.2	26	26	1120	5.74	2	ND	ND	34	1	2	2	154	0.73	0.08	5	30	1.81	106	0.17	2.83	0.05	0.08	0.01	3	2	40	5.9	
S	L44E 5575N	9	130	9	57	0.2	28	15	402	5.38	2	ND	ND	26	1	4	2	149	0.33	0.06	4	27	1.52	65	0.24	2.51	0.05	0.10	0.01	1	2	25	4.8	
S	L44E 5600N	8	245	4	65	0.3	33	26	968	5.30	2	ND	ND	33	1	3	2	144	0.90	0.13	6	22	2.11	112	0.15	3.01	0.05	0.14	0.01	10	2	40	6.3	
S	L44E 5625N	8	105	3	73	0.1	28	14	370	4.71	2	ND	ND	23	1	3	2	104	0.62	0.05	3	15	1.17	84	0.10	2.80	0.05	0.08	0.03	2	2	70	6.2	
S	L44E 5650N	5	99	7	81	0.1	41	22	720	4.31	4	ND	ND	31	1	2	2	133	0.71	0.08	5	17	1.60	118	0.09	1.95	0.05	0.08	0.01	1	2	40	6.6	
S	L44E 5675N	7	123	16	65	0.3	50	21	690	4.90	7	ND	ND	34	1	2	2	155	1.07	0.13	5	29	1.76	142	0.11	2.19	0.04	0.11	0.01	10	3	50	6.7	
S	L44E 5700N	7	94	10	58	0.2	43	23	545	4.44	8	ND	ND	29	1	2	2	156	0.66	0.09	2	25	1.46	84	0.09	1.91	0.03	0.09	0.01	6	3	50	6.4	
S	L44E 5725N	5	44	19	41	0.2	34	16	287	5.67	5	ND	ND	21	1	2	2	160	0.24	0.08	1	27	1.16	35	0.17	1.79	0.02	0.05	0.01	4	3	20	4.9	
S	L44E 5750N	4	35	13	39	0.1	40	16	375	4.26	6	ND	ND	25	1	2	2	153	0.31	0.06	1	23	1.22	56	0.23	1.62	0.04	0.06	0.01	5	2	25	5.1	
S	L44E 5775N	5	40	14	40	0.2	36	18	425	4.80	6	ND	ND	20	1	2	2	156	0.32	0.06	1	25	1.35	50	0.24	1.72	0.04	0.05	0.01	5	2	20	4.8	
S	L44E 5800N	3	41	17	51	0.2	33	15	296	5.97	6	ND	ND	16	1	2	2	149	0.19	0.06	1	24	1.12	28	0.24	1.71	0.03	0.05	0.01	4	2	20	4.8	
S	L44E 5825N	3	31	18	34	0.1	29	14	267	5.06	3	ND	ND	18	1	2	2	154	0.20	0.06	1	22	0.90	35	0.25	1.24	0.02	0.04	0.01	3	2	5	4.5	
S	L44E 5850N	3	27	15	39	0.3	24	14	1548	4.42	7	ND	ND	21	1	2	2	154	0.19	0.06	1	20	0.74	99	0.22	1.06	0.03	0.04	0.01	2	2	40	4.8	
S	L44E 5875N	4	38	10	50	0.1	36	19	255	5.86	9	ND	ND	19	1	2	2	175	0.19	0.07	1	23	1.14	35	0.23	1.41	0.03	0.04	0.01	3	3	5	4.6	
S	L44E 5900N	4	68	14	50	0.3	50	24	453	5.76	4	ND	ND	26	1	2	2	179	0.37	0.06	1	24	1.72	64	0.16	1.85	0.04	0.07	0.01	5	3	40	4.9	
S	L44E 5925N	4	52	12	50	0.1	44	23	406	6.50	4	ND	ND	34	1	2	2	173	0.40	0.08	1	31	1.54	55	0.18	1.85	0.03	0.08	0.01	6	3	25	4.6	
S	L44E 5950N	4	97	16	64	0.3	56	28	745	5.62	7	ND	ND	30	1	2	2	161	0.49	0.07	2	30	2.08	102	0.22	2.62	0.04	0.18	0.01	7	3	40	5.2	
S	L44E 5975N	4	146	25	50	0.2	61	27	540	4.90	3	ND	ND	30	1	3	2	137	0.45	0.06	1	32	2.17	55	0.18	2.10	0.04	0.09	0.01	8	2	5	5.3	
S	L44E 6000N	3	62	9	57	0.4	58	20	373	5.18	6	ND	ND	35	1	2	2	151	0.29	0.08	1	24	1.83	60	0.20	2.43	0.03	0.07	0.01	9	2	5	5.1	
S	L45E 5000N	78	66	21	63	0.6	22	11	917	6.83	7	ND	ND	33	1	2	2	131	0.19	0.21	5	14	0.89	99	0.10	2.86	0.05	0.08	0.01	84	2	5	4.7	
S	L45E 5025N	16	39	24	52	0.1	19	9	732	4.25	4	ND	ND	38	1	2	2	133	0.38	0.08	5	14	0.80	181	0.25	1.67	0.04	0.10	0.01	17	2	10	5.1	
S	L45E 5050N	21	34	21	37	0.2	30	8	209	4.15	6	ND	ND	30	1	2	2	151	0.25	0.05	3	17	0.71	83	0.28	1.53	0.02	0.08	0.01	20	2	20	4.6	
S	L45E 5075N	17	136	42	176	0.2	46	21	3124	5.40	3	ND	ND	41	1	2	2	189	0.74	0.15	4	16	1.21	182	0.06	2.54	0.03	0.08	0.01	36	3	30	5.8	
S	L45E 5100N	26	53	19	44	0.2	22	9	282	5.13	6	ND	ND	30	1	2	2	153	0.17	0.07	3	17	0.87	86	0.20	2.03	0.02	0.07	0.01	31	2	20	4.3	
S	L45E 5125N	12	68	15	48	0.4	27	9	411	5.16	11	ND	ND	33	1	2	2	120	0.23	0.08	1	18	1.16	125	0.17	4.06	0.04	0.07	0.01	26	2	10	5.0	
S	L45E 5150N	12	38	16	18	0.1	20	11	206	3.69	3	ND	ND	44	1	2	2	130	0.48	0.05	2	21	0.65	117	0.24	1.41	0.02	0.09	0.01	25	2	20	5.5	
S	L45E 5175N	31	68	17	38	0.1	31	14	263	5.50	6	ND	ND	41	1	2	2	139	0.25	0.05	3	22	0.93	132	0.20	1.93	0.02	0.07	0.01	37	2	40	4.9	
S	L45E 5200N	22	560	23	88	0.2	45	26	2165	4.44	7	ND	ND	68	1	3	2	92	1.34	0.16	12	20	1.21	232	0.08	2.55	0.04	0.10	0.01	34	2	20	6.0	
S	L45E 5225N	17	376	27	206	0.1	35	53	3745	6.14	4	ND	ND	56	1	4	2	116	1.27	0.17	12	18	1.42	277	0.11	2.93	0.04	0.16	0.01	36	2	15	6.2	
S	L45E 5250N	17	242	20	106	0.1	37	31	900	5.71	3	ND	ND	48	1	2	2	129	0.80	0.10	5	20	1.28	137	0.16	2.30	0.03	0.09	0.01	27	2	40	6.3	
S	L45E 5275N	15	134	20	99	0.1	55	26	740	5.05	2	ND	ND	50	1	2	2	119	0.86	0.10	4	22	1.65	134	0.14	2.22	0.02	0.10	0.01	29	2	5	6.4	
S	L45E 5300N	19	139	20	59	0.1	36	25	559	4.98	5	ND	ND	44	1	3	2	112	0.56	0.10	6	20	1.26	93	0.1	1.80	0.02	0.12	0.01	31	2	60	6.0	
S	L45E 5325N	11	179	19	54	0.1	41	24	612	4.42	4	ND	ND	43	1	3	2	106	0.56	0.09	4	20	1.51	73	0.10	1.86	0.02	0.10	0.01	26	2	40	6.1	
S	L45E 5350N	10	229																															

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

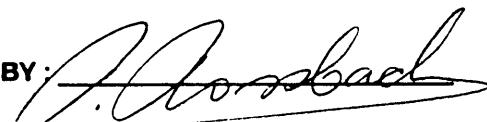
2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91196 B  
Invoice: 20339  
Date Entered: 91-08-07  
File Name: TEK91196.B  
Page No.: 2

MR:		PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM	PPB		
FY:	SAMPLE NAME	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	AU	HG	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	AL	NA	K	SI	W	BE	AL	AA	DH
SS	L45E 5400N	15	74	12	43	0.1	28	13	271	4.38	8	ND	ND	31	1	3	2	105	0.36	0.08	2	22	1.01	88	0.10	1.70	0.01	0.06	0.01	17	2	25	4.7	
SS	L45E 5425N	15	149	18	98	0.1	27	37	2850	5.62	3	ND	ND	36	1	4	2	136	0.76	0.12	4	19	1.71	146	0.13	2.65	0.03	0.08	0.01	20	2	40	5.6	
SS	L45E 5450N	12	167	9	58	0.1	31	26	736	5.04	7	ND	ND	37	1	2	2	138	0.72	0.09	4	20	1.69	104	0.16	2.25	0.02	0.16	0.01	17	2	80	6.2	
SS	L45E 5475N	15	98	13	62	0.1	29	19	474	4.69	6	ND	ND	34	1	2	2	125	0.64	0.08	4	20	1.45	96	0.15	2.34	0.03	0.09	0.01	15	2	30	6.5	
SS	L45E 5500N	21	70	17	81	0.1	27	42	2882	5.38	4	ND	ND	37	1	2	2	132	0.76	0.12	5	18	1.19	151	0.10	2.26	0.03	0.09	0.01	19	2	30	6.2	
SS	L45E 5525N	12	133	14	95	0.1	26	23	1250	4.60	2	ND	ND	41	1	2	2	127	1.13	0.17	4	19	1.47	160	0.07	2.56	0.03	0.11	0.01	18	2	140	6.5	
SS	L45E 5550N	17	35	11	38	0.1	19	12	278	4.53	5	ND	ND	26	1	2	2	176	0.27	0.06	1	18	0.99	81	0.30	1.59	0.02	0.08	0.01	14	3	20	4.5	
SS	L45E 5575N	17	61	14	54	0.4	32	16	485	4.93	4	ND	ND	30	1	2	2	158	0.41	0.06	3	21	1.09	70	0.25	1.92	0.02	0.08	0.01	15	3	40	5.4	
SS	L45E 5600N	10	61	13	63	0.2	93	16	532	4.91	7	ND	ND	28	1	2	2	191	0.67	0.06	2	29	2.31	116	0.19	2.43	0.03	0.08	0.01	16	3	40	5.5	
SS	L45E 5625N	7	61	6	57	0.1	30	18	397	5.17	2	ND	ND	24	1	2	2	165	0.34	0.05	3	24	1.47	85	0.18	2.05	0.04	0.08	0.01	5	3	40	4.8	
SS	L45E 5650N	12	100	4	54	0.2	39	20	610	5.00	3	ND	ND	30	1	4	2	159	0.56	0.09	5	29	1.42	72	0.10	1.75	0.04	0.09	0.01	3	2	40	5.7	
SS	L45E 5675N	8	161	9	64	0.1	44	24	632	4.93	15	ND	ND	35	1	6	4	181	0.87	0.09	5	31	1.44	108	0.09	1.74	0.06	0.10	0.01	9	3	20	6.5	
SS	L45E 5700N	6	50	9	55	0.1	32	15	394	4.96	2	ND	ND	27	1	3	2	147	0.55	0.05	4	23	1.07	74	0.18	1.87	0.04	0.06	0.01	1	2	10	6.2	
SS	L45E 5725N	3	30	9	48	0.1	28	12	244	5.35	3	ND	ND	24	1	2	2	163	0.25	0.07	2	21	0.88	56	0.26	1.30	0.03	0.04	0.01	1	2	15	4.4	
SS	L45E 5750N	2	43	8	53	0.1	33	16	351	5.67	6	ND	ND	24	1	5	2	160	0.25	0.06	3	22	1.12	49	0.27	1.68	0.05	0.05	0.01	1	3	20	4.7	
SS	L45E 5775N	3	45	9	56	0.1	34	15	377	5.45	5	ND	ND	22	1	4	2	153	0.22	0.07	4	21	1.15	44	0.28	1.94	0.04	0.06	0.01	1	2	10	5.0	
SS	L45E 5800N	3	28	9	50	0.1	25	13	641	5.02	6	ND	ND	24	1	2	2	152	0.22	0.08	3	19	0.88	47	0.27	1.52	0.03	0.05	0.01	1	2	10	4.7	
SS	L45E 5825N	2	61	9	71	0.1	35	16	296	5.76	6	ND	ND	23	1	2	2	148	0.23	0.06	3	22	1.27	37	0.23	2.10	0.05	0.05	0.01	1	2	40	4.7	
SS	L45E 5850N	3	49	9	63	0.2	42	21	327	5.82	4	ND	ND	25	1	2	2	155	0.26	0.05	2	22	1.42	41	0.24	2.13	0.05	0.04	0.01	1	2	50	4.9	
SS	L45E 5875N	3	33	4	78	0.1	26	14	389	4.42	4	ND	ND	17	1	2	3	134	0.20	0.08	3	22	1.03	46	0.17	1.40	0.02	0.08	0.01	1	2	30	4.5	
SS	L45E 5900N	3	68	7	124	0.1	44	25	416	6.74	8	ND	ND	17	1	3	2	199	0.21	0.08	3	25	1.72	49	0.26	2.19	0.05	0.07	0.01	1	3	10	4.8	
SS	L45E 5925N	1	32	9	75	0.1	31	17	389	5.16	4	ND	ND	22	1	4	3	158	0.21	0.08	3	21	1.09	58	0.20	1.60	0.02	0.06	0.01	1	2	5	4.7	
SS	L45E 5950N	2	69	7	67	0.2	48	25	339	6.31	7	ND	ND	27	1	3	2	172	0.28	0.06	1	24	1.62	40	0.21	2.08	0.03	0.06	0.01	1	3	5	4.8	
SS	L45E 5975N	3	126	4	84	0.1	73	42	465	6.43	3	ND	ND	49	1	3	2	192	0.50	0.07	1	22	2.18	72	0.24	2.60	0.04	0.25	0.01	1	3	10	5.3	
SS	L45E 6000N	3	175	1	74	0.1	53	23	374	5.61	6	ND	ND	28	1	8	2	173	0.32	0.06	2	23	1.84	33	0.27	2.09	0.05	0.04	0.01	1	3	30	5.2	
SS	L46E 2650N	11	294	104	170	2.8	110	37	1469	5.92	6	ND	ND	47	3	8	10	153	0.62	0.15	6	26	3.23	218	0.15	3.06	0.05	0.20	0.01	4	3	370	5.8	
SS	L46E 4700N	24	250	103	144	2.8	78	39	1566	6.16	11	ND	ND	36	2	11	7	143	0.65	0.15	6	21	2.87	466	0.12	2.79	0.05	0.25	0.01	1	2	600	6.5	
SS	L46E 4725N	12	287	101	171	3.6	98	37	1392	5.94	6	ND	ND	45	3	9	6	147	0.70	0.14	6	23	3.13	236	0.14	2.98	0.04	0.20	0.01	1	3	610	6.5	
SS	L46E 4750N	21	244	111	164	3.0	77	37	1511	6.03	5	ND	ND	35	3	7	12	143	0.65	0.15	6	21	2.89	395	0.12	2.73	0.04	0.24	0.01	2	2	490	6.8	
SS	L46E 4775N	20	253	105	141	2.8	83	36	1454	5.79	7	ND	ND	36	3	10	5	136	0.63	0.14	5	25	2.74	432	0.11	2.55	0.05	0.28	0.01	7	2	450	6.9	
SS	L46E 4800N	9	112	31	88	0.6	74	23	739	5.27	9	ND	ND	37	1	10	3	170	0.76	0.15	5	25	2.75	179	0.14	2.94	0.07	0.08	0.01	8	3	70	6.2	
SS	L46E 4825N	9	84	27	109	0.2	86	24	683	5.83	11	ND	ND	30	1	9	2	189	0.21	0.10	3	24	2.64	64	0.22	3.24	0.06	0.07	0.01	6	3	30	4.8	
SS	L46E 4850N	6	112	23	102	0.6	50	20	485	4.61	10	ND	ND	39	1	3	2	126	0.40	0.15	5	19	2.02	67	0.15	3.48	0.06	0.08	0.01	7	2	25	5.0	
SS	L46E 4875N	5	27	14	58	0.4	25	14	579	4.42	8	ND	ND	44	1	3	2	135	0.26	0.09	3	16	1.28	45	0.19	2.14	0.04	0.04	0.01	1	2	10	4.8	
SS	L46E 4900N	4	40	11	79	0.3	45	15	418	4.69	9	ND	ND	27	1	7	2	150	0.39	0.13	3	20	1.97	58	0.27	3.07	0.06	0.11	0.01	6	2	5	4.9	
SS	L46E 4925N	10	82	15	84	0.4	46	20	563	6.05	9	ND	ND	36	1	7	2	167	0.30	0.12	4	20	1.93	63	0.21	3.17	0.06	0.08	0.01	16	3	10	4.9	
SS	L46E 4950N	25	74	13	75	0.6	25	8	531	5.52	10	ND	ND	41	1	2	2	152	0.22	0.15	4	16	1.08	107	0.19	3.06	0.07	0.09	0.01	16	2	15	4.7	
SS	L46E 4975N	12	90	15	101	0.8	42	19	909	5.66	5	ND	ND	35	1	6	2	152	0.28	0.22	4	19	1.88	75	0.15	3.26	0.06	0.07	0.01	6	2	100	4.6	
SS	L46E 5000N	28	54	15	62	0.5	26	9	268	4.28	9	ND	ND	38	1	2	8	135	0.22	0.07	5	21	0.88	65	0.16	1.88	0.04	0.07	0.01	3	2	10	4.5	
SS	L46E 5025N	10	116	16	84	0.1	48	20	555	4.63	11	ND	ND	37	1	6	4	122	0.38	0.13	5	24	1.68	61	0.15	2.64	0.04	0.07	0.01	1	2	30	4.7	

CERTIFIED BY: 



# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

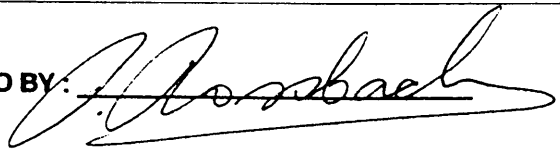
2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91196 B  
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File Name: TEK91196.B  
Page No.: 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AC	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPB DH
S	L46E 5050N	14	53	12	83	0.2	56	16	464	4.73	11	ND	ND	51	1	4	6	119	0.69	0.09	5	24	1.50	155	0.16	2.37	0.05	0.11	0.01	13	2	10	6.2	
S	L46E 5075N	26	88	12	99	0.2	36	15	738	5.36	5	ND	ND	52	1	2	4	152	0.68	0.12	5	20	1.51	176	0.15	2.56	0.05	0.08	0.01	9	2	20	6.0	
S	L46E 5100N	130	80	14	92	0.2	32	14	462	7.45	16	ND	ND	24	1	9	2	208	0.16	0.12	5	21	1.36	87	0.17	2.56	0.06	0.09	0.01	17	3	5	4.6	
S	L46E 5125N	28	58	8	135	0.1	33	16	2476	5.15	9	ND	ND	39	1	4	2	141	0.60	0.13	9	17	1.28	207	0.18	2.39	0.05	0.09	0.01	1	2	5	5.8	
S	L46E 5150N	24	70	15	91	0.1	38	15	434	5.63	11	ND	ND	50	1	5	3	138	0.54	0.08	5	20	1.27	119	0.17	2.05	0.04	0.07	0.01	16	2	10	5.7	
S	L46E 5175N	30	40	9	53	0.1	14	7	178	4.23	8	ND	ND	24	1	5	8	131	0.15	0.05	4	16	0.58	77	0.16	1.64	0.03	0.07	0.01	1	2	20	4.4	
S	L46E 5200N	43	77	9	81	0.5	26	18	520	8.21	6	ND	ND	28	1	6	2	171	0.30	0.08	3	20	1.34	48	0.25	2.11	0.05	0.06	0.01	71	3	20	4.6	
S	L46E 5225N	23	26	11	43	0.7	9	6	127	2.94	9	ND	ND	26	1	3	9	128	0.15	0.04	4	15	0.31	53	0.19	1.06	0.03	0.04	0.01	4	2	30	4.4	
S	L46E 5250N	26	49	11	76	0.3	34	14	401	6.81	9	ND	ND	27	1	4	3	190	0.20	0.10	4	26	1.11	62	0.23	2.24	0.05	0.06	0.01	23	3	10	4.4	
S	L46E 5275N	28	60	10	83	0.4	42	14	428	5.37	9	ND	ND	26	1	2	4	157	0.23	0.10	4	22	1.38	71	0.20	2.47	0.06	0.08	0.01	26	3	5	4.6	
S	L46E 5300N	28	128	10	88	0.3	37	15	322	5.31	11	ND	ND	42	1	4	2	114	0.70	0.10	5	21	1.12	116	0.16	2.41	0.06	0.08	0.01	23	2	15	5.7	
S	L46E 5325N	14	288	9	86	0.3	58	26	564	5.03	2	ND	ND	51	1	4	3	110	0.86	0.10	7	22	1.63	114	0.13	2.26	0.05	0.11	0.01	17	2	30	6.2	
S	L46E 5350N	19	217	12	91	0.4	45	21	518	4.98	8	ND	ND	52	1	6	2	110	0.85	0.12	9	20	1.51	122	0.14	2.27	0.07	0.12	0.01	18	2	20	6.3	
S	L46E 5375N	8	106	8	75	0.3	46	27	594	4.86	2	ND	ND	41	1	2	2	117	0.71	0.10	4	21	1.51	75	0.10	1.80	0.04	0.09	0.01	13	2	120	6.3	
S	L46E 5400N	15	65	8	78	0.2	29	16	356	4.64	9	ND	ND	38	1	3	5	103	0.56	0.12	6	19	1.15	46	0.10	1.78	0.06	0.06	0.01	8	2	55	5.7	
S	L46E 5425N	24	138	14	77	0.2	20	55	1251	12.72	13	ND	ND	72	3	4	2	102	0.55	0.24	5	16	1.28	84	0.09	2.17	0.06	0.09	0.06	83	2	30	5.7	
S	L46E 5450N	20	155	10	63	0.1	37	20	440	4.92	7	ND	ND	40	1	5	2	113	0.34	0.09	6	13	1.41	78	0.16	2.01	0.04	0.01	0.05	14	2	40	5.2	
S	L46E 5475N	11	120	10	110	0.3	30	20	472	4.28	7	ND	ND	38	1	2	8	104	0.84	0.10	5	19	1.38	114	0.09	1.89	0.06	0.07	0.01	12	2	50	6.0	
S	L46E 5500N	4	156	1	70	0.2	31	21	740	4.27	4	ND	ND	31	1	2	2	113	0.66	0.13	4	24	1.38	87	0.11	1.49	0.04	0.15	0.01	4	2	50	6.1	
S	L46E 5525N	8	122	5	111	0.1	77	30	1051	5.28	11	ND	ND	36	1	6	2	169	0.88	0.11	6	31	2.16	143	0.16	2.56	0.06	0.08	0.01	11	3	30	6.3	
S	L46E 5550N	10	188	7	113	0.6	68	30	1264	5.49	9	ND	ND	36	1	7	3	149	0.88	0.09	7	22	1.92	173	0.19	2.2	2.62	0.08	0.01	11	2	40	6.5	
S	L46E 5575N	13	218	5	73	0.4	36	23	452	5.70	7	ND	ND	38	1	2	2	138	0.78	0.08	7	19	1.33	132	0.23	2.44	0.06	0.09	0.01	12	2	200	6.6	
S	L46E 5600N	16	58	7	72	0.1	25	15	551	4.78	10	ND	ND	31	1	2	2	126	0.32	0.05	4	18	0.85	91	0.18	1.44	0.04	0.06	0.01	8	2	30	5.5	
S	L46E 5625N	10	123	7	89	0.1	34	29	1658	5.15	9	ND	ND	42	1	2	2	150	0.80	0.08	5	19	1.68	156	0.17	2.32	0.06	0.08	0.01	16	3	20	6.2	
S	L46E 5650N	11	52	6	81	0.2	39	18	360	5.27	8	ND	ND	28	1	4	3	167	0.26	0.06	3	20	1.32	74	0.25	1.77	0.05	0.07	0.01	5	2	20	4.6	
S	L46E 5675N	7	114	7	77	0.2	52	26	556	4.85	9	ND	ND	29	1	2	2	164	0.53	0.06	4	25	1.67	90	0.18	2.05	0.05	0.07	0.01	7	3	20	5.8	
S	L46E 5700N	7	45	8	64	0.4	40	18	245	6.28	12	ND	ND	21	1	4	3	190	0.21	0.04	3	21	1.15	58	0.34	1.58	0.05	0.05	0.01	4	3	30	4.8	
S	L46E 5725N	3	56	7	79	0.2	35	21	354	6.40	9	ND	ND	19	1	2	2	170	0.24	0.14	3	21	1.27	49	0.21	1.63	0.05	0.05	0.01	3	2	20	4.5	
S	L46E 5750N	4	66	9	75	0.1	36	21	393	5.49	6	ND	ND	21	1	2	2	165	0.30	0.04	4	26	1.13	56	0.19	1.74	0.03	0.05	0.01	6	3	25	5.1	
S	L46E 5775N	4	42	9	63	0.1	30	16	362	5.24	10	ND	ND	23	1	3	2	166	0.26	0.05	2	24	0.97	65	0.25	1.28	0.04	0.04	0.01	4	2	40	4.3	
S	L46E 5800N	3	149	9	74	0.1	55	26	372	5.27	8	ND	ND	21	1	2	2	151	0.37	0.04	2	26	1.59	36	0.21	2.14	0.05	0.05	0.01	4	2	35	5.5	
S	L46E 5825N	3	55	7	81	0.1	39	20	340	5.99	8	ND	ND	20	1	2	2	158	0.26	0.08	2	22	1.37	42	0.21	1.76	0.05	0.06	0.01	4	2	20	4.3	
S	L46E 5850N	3	26	13	61	0.4	24	14	298	4.87	10	ND	ND	19	1	2	2	157	0.20	0.07	3	19	0.89	36	0.27	1.46	0.03	0.05	0.01	1	2	80	4.4	
S	L46E 5875N	2	42	9	61	0.1	34	18	398	5.66	5	ND	ND	19	1	6	2	172	0.24	0.09	2	21	1.14	38	0.26	1.40	0.03	0.05	0.01	1	2	10	4.2	
S	L46E 5900N	5	43	13	74	0.1	49	23	381	5.86	6	ND	ND	16	1	2	2	179	0.27	0.06	2	22	1.61	51	0.25	1.91	0.04	0.07	0.01	4	3	50	4.9	
S	L46E 5925N	2	39	7	68	0.1	33	18	252	4.46	6	ND	ND	13	1	2	2	129	0.24	0.05	2	20	1.15	41	0.18	1.37	0.03	0.05	0.01	4	2	10	4.8	
S	L46E 5950N	3	48	7	97	0.1	33	20	338	5.42	12	ND	ND	25	1	2	2	166	0.33	0.08	3	18	1.39	77	0.22	1.89	0.04	0.07	0.01	3	2	10	4.6	
S	L46E 5975N	5	115	11	124	0.1	51	33	400	6.94	8	ND	ND	31	1	5	2	194	0.40	0.06	2	29	1.86	78	0.20	2.01	0.04	0.09	0.01	2	3	20	5.0	
451	L46E 6000N	3	59	4	95	0.1	36	25	507	6.24	5	ND	ND	18	1	8	2	255	0.29	0.08	1	20	1.79	60	0.30	1.90	0.05	0.10	0.01	4	4	5	4.6	

CERTIFIED BY: 

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

To: TECK EXPLORATIONS LTD.  
 # 960-175 SECOND AVE.  
 KAMLOOPS, B.C.  
 Project: 1384  
 Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
 British Columbia, Can. V5B 3N1  
 Ph:(604)299-6910 Fax:299-6252

Certificate: 91198 I  
 Invoice: 20347  
 Date Entered: 91-08-09  
 File Name: TEK91198.I  
 Page No.: 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU AA	PPB AA
S	001 L39E 6100N	2	38	10	47	0.1	38	21	506	2.77	2	ND	ND	7	1	5	2	50	0.42	0.05	2	28	1.53	64	0.08	1.00	0.03	0.15	0.01	1	1	5	72
S	L39E 6125N	2	34	9	38	0.2	37	19	478	2.29	7	ND	ND	10	1	2	2	38	0.44	0.06	1	29	1.40	53	0.08	0.93	0.02	0.14	0.01	3	1	5	72
S	L39E 6180N	2	31	9	35	0.2	44	23	398	2.89	3	ND	ND	10	1	7	2	35	0.75	0.06	2	21	1.61	37	0.07	0.90	0.03	0.07	0.01	2	1	5	76
S	L39E 6175N	4	12	1	26	0.1	50	19	723	1.53	2	ND	ND	74	1	2	2	22	8.61	0.03	6	19	2.24	35	0.11	1.20	0.05	0.09	0.01	1	1	5	80
S	L39E 6200N	3	43	6	93	0.1	59	37	778	4.63	2	ND	ND	18	1	2	2	140	0.59	0.08	2	22	2.64	82	0.12	2.21	0.04	0.10	0.01	1	2	10	56
S	L39E 6275N	2	63	3	70	0.2	47	20	901	4.11	4	ND	ND	21	1	3	2	97	0.52	0.09	9	22	2.33	88	0.09	1.83	0.03	0.07	0.01	1	2	110	62
S	L39E 6300N	3	67	11	87	0.2	57	28	1340	5.03	2	ND	ND	16	1	5	2	119	0.44	0.08	9	19	2.66	97	0.10	2.15	0.05	0.07	0.01	4	2	220	60
S	L39E 6325N	2	103	5	68	0.2	53	27	995	4.70	3	ND	ND	24	1	7	2	120	0.53	0.07	5	24	2.30	76	0.12	1.90	0.04	0.03	0.01	1	2	70	58
S	L39E 6350N	3	88	14	85	0.2	97	40	1196	4.08	6	ND	ND	16	1	11	6	101	0.71	0.07	4	28	4.00	87	0.12	2.56	0.06	0.05	0.02	3	2	10	60
S	L39E 6425N	3	47	13	53	0.2	87	15	357	3.54	4	ND	ND	33	1	6	7	109	0.33	0.06	3	15	1.89	54	0.17	2.40	0.06	0.06	0.01	1	2	15	49
S	L39E 6450N	3	68	7	77	0.2	74	30	1088	4.23	2	ND	ND	15	1	8	2	155	0.44	0.06	2	64	3.25	90	0.18	2.62	0.05	0.06	0.01	1	2	10	49
S	L39E 6475N	3	107	7	91	0.2	223	27	466	4.30	2	ND	ND	23	1	8	2	138	0.42	0.06	3	51	3.61	78	0.18	3.20	0.06	0.11	0.01	1	2	20	48
S	L39E 6500N	3	63	6	108	0.2	258	30	764	4.41	2	ND	ND	19	1	4	2	145	0.40	0.07	3	46	3.67	83	0.15	3.01	0.06	0.08	0.01	1	2	30	50
S	L39E 6525N	3	147	3	136	0.1	300	36	758	4.00	3	ND	ND	14	2	8	2	126	0.58	0.07	3	45	4.27	87	0.15	3.21	0.06	0.10	0.01	1	2	10	53
S	L39E 6550N	4	89	8	109	0.1	185	39	1291	4.27	4	ND	ND	16	2	9	2	147	0.59	0.07	3	37	3.82	104	0.15	2.92	0.06	0.08	0.01	1	2	25	51
S	L39E 6575N	3	67	12	80	0.1	187	29	543	3.69	10	ND	ND	15	1	6	7	119	0.52	0.07	3	30	3.04	65	0.14	2.43	0.05	0.09	0.01	1	2	20	49
S	L39E 6600N	3	96	11	78	0.1	234	29	510	3.94	7	ND	ND	12	1	9	6	125	0.39	0.07	3	33	3.54	57	0.17	2.75	0.06	0.08	0.01	1	2	40	48
S	L39E 6625N	4	299	14	116	0.2	96	60	1453	6.28	6	ND	ND	35	2	6	2	231	0.40	0.13	6	18	2.79	105	0.23	3.40	0.07	0.15	0.01	4	4	180	51
S	L39E 6650N	6	85	31	69	0.4	26	14	263	5.30	6	ND	ND	32	1	6	3	144	0.28	0.06	5	12	0.73	52	0.28	1.53	0.04	0.02	0.01	1	2	120	46
S	L39E 6675N	5	51	12	63	0.5	15	14	633	5.60	10	ND	ND	25	1	4	4	205	0.20	0.08	3	12	1.23	40	0.29	2.26	0.05	0.08	0.01	1	3	5	47
S	L39E 6700N	5	31	15	43	0.7	12	4	166	2.55	9	ND	ND	41	1	2	2	111	0.26	0.04	2	21	0.55	64	0.20	1.18	0.03	0.05	0.01	1	2	140	42
S	L39E 6725N	2	145	3	64	0.1	36	16	454	5.31	5	ND	ND	36	1	3	2	140	0.44	0.09	2	44	1.40	68	0.21	2.52	0.04	0.10	0.01	1	2	10	49
S	L39E 6750N	3	44	1	60	0.1	23	9	399	5.36	4	ND	ND	27	1	2	2	166	0.26	0.07	2	29	1.11	74	0.27	1.90	0.03	0.08	0.01	1	3	30	45
S	L39E 6775N	2	29	2	50	0.1	25	9	317	5.08	2	ND	ND	31	1	2	2	152	0.34	0.10	2	26	1.03	45	0.29	1.85	0.03	0.07	0.01	1	2	25	47
S	L39E 6800N	2	47	5	65	0.4	30	13	587	5.17	2	ND	ND	30	1	2	2	165	0.43	0.08	2	25	1.37	50	0.31	2.43	0.04	0.07	0.01	1	3	10	48
S	L39E 6825N	3	51	8	68	0.1	38	18	359	5.32	7	ND	ND	39	1	5	2	142	0.67	0.08	3	26	1.23	61	0.24	2.29	0.03	0.06	0.01	1	2	5	55
S	L39E 6850N	6	44	12	64	0.3	24	14	558	4.62	5	ND	ND	33	1	2	2	146	0.32	0.06	3	20	0.92	70	0.28	1.67	0.03	0.06	0.01	1	2	30	47
S	L39E 6875N	5	100	9	64	0.2	37	22	531	5.26	2	ND	ND	40	1	2	2	151	0.50	0.05	3	25	1.49	117	0.28	1.94	0.03	0.07	0.01	1	3	50	49
S	L39E 6900N	14	910	15	64	0.2	44	37	2240	4.36	2	ND	ND	51	1	2	8	114	1.17	0.11	7	22	1.37	216	0.11	2.20	0.04	0.13	0.01	1	2	30	65
S	L39E 6925N	3	35	9	61	0.1	22	14	455	5.49	5	ND	ND	32	1	2	2	160	0.31	0.06	3	16	1.05	64	0.39	2.13	0.04	0.05	0.01	1	3	470	43
S	L39E 6950N	5	26	1	68	0.1	20	16	391	5.42	2	ND	ND	32	1	2	2	193	0.32	0.06	2	28	1.20	108	0.45	2.43	0.05	0.09	0.01	1	3	5	46
S	L39E 6975N	6	141	1	91	0.3	15	14	425	4.84	2	ND	ND	43	1	2	2	140	1.38	0.08	3	23	1.14	147	0.28	3.07	0.04	0.10	0.02	1	2	30	65
S	L39E 7000N	4	73	1	74	0.3	20	23	436	4.07	6	ND	ND	42	1	2	2	105	0.97	0.08	3	23	1.01	101	0.25	2.12	0.04	0.12	0.01	1	2	20	66
S	L39E 7025N	6	184	1	79	0.2	34	28	604	4.35	2	ND	ND	33	1	2	2	119	0.56	0.08	3	25	1.60	72	0.28	2.40	0.04	0.09	0.01	1	2	20	49
S	L40E 6800N	5	354	3	64	0.3	64	35	540	5.75	4	ND	ND	43	1	2	2	136	0.53	0.10	3	39	1.74	61	0.21	1.98	0.04	0.12	0.01	1	2	70	48
S	L40E 6825N	6	315	4	56	0.3	57	36	561	5.38	7	ND	ND	49	1	6	2	132	0.50	0.10	3	29	1.73	93	0.19	1.93	0.03	0.16	0.01	1	2	40	47
S	L40E 6850N	6	180	6	78	0.3	140	43	754	5.57	4	ND	ND	26	1	4	2	149	0.31	0.07	2	40	2.97	90	0.19	2.50	0.04	0.08	0.01	1	2	40	46
S	L40E 6875N	6	245	8	69	0.3	99	34	585	5.62	4	ND	ND	35	1	6	2	139	0.34	0.08	3	28	2.35	73	0.16	2.21	0.04	0.06	0.01	1	2	60	45
S	L40E 6900N	9	496	9	77	0.3	95	71	1050	5.90	3	ND	ND	51	1	4	2	134	0.95	0.10	4	23	2.30	130	0.16	2.25	0.04	0.12	0.01	1	2	20	61
S	040 L40E 6925N	9	439	9	85	0.3	90	67																									

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
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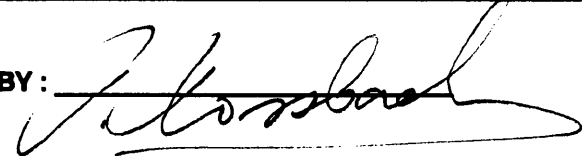
To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91198 *2*  
Invoice: 20347  
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File Name: TEK91198.I  
Page No.: 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU AA	DH (x0.1)
S 041	L40E 6950N	10	332	9	92	0.4	79	62	1115	5.48	2	ND	ND	47	1	5	2	128	0.92	0.10	3	28	2.08	125	0.14	2.11	0.05	0.09	0.01	1	2	25	63
S	L40E 6975N	10	343	4	100	0.3	42	33	1319	4.19	2	ND	ND	51	1	2	2	100	1.25	0.11	5	18	1.30	185	0.09	2.05	0.04	0.07	0.01	2	2	20	66
S	L40E 7000N	11	86	6	101	0.2	44	17	688	4.54	4	ND	ND	33	1	5	2	132	0.44	0.04	4	18	1.57	72	0.29	2.09	0.05	0.06	0.01	1	2	10	46
S	L40E 7025N	5	175	10	116	0.2	46	33	945	4.64	17	ND	ND	62	1	6	5	126	0.79	0.10	4	18	1.81	119	0.18	2.29	0.07	0.21	0.01	1	2	320	57
S	L41E 6800N	5	414	2	54	0.6	39	24	499	5.23	6	ND	ND	37	1	2	2	124	0.42	0.09	4	19	1.46	52	0.18	1.85	0.05	0.07	0.01	1	2	70	45
S	L41E 6825N	12	576	17	69	0.9	61	40	517	7.04	14	ND	ND	36	1	9	2	151	0.31	0.10	4	24	1.93	58	0.15	2.22	0.06	0.03	0.01	1	3	370	45
S	L41E 6850N	9	257	10	68	0.6	49	34	664	6.52	13	ND	ND	33	1	2	2	176	0.29	0.10	3	20	1.56	58	0.21	1.90	0.07	0.07	0.01	3	3	120	45
S	L41E 6875N	8	326	14	67	1.8	47	58	1881	6.73	9	ND	ND	30	1	3	2	169	0.26	0.15	4	18	1.60	80	0.17	2.04	0.07	0.12	0.01	5	3	100	48
S	L41E 6900N	8	172	9	60	0.4	37	31	536	5.73	12	ND	ND	28	1	2	2	161	0.28	0.08	3	18	1.15	50	0.24	1.43	0.06	0.08	0.01	1	3	120	46
S	L41E 6925N	10	777	12	66	0.4	51	59	765	6.13	6	ND	ND	46	1	5	2	120	0.82	0.10	4	27	1.51	110	0.13	1.91	0.05	0.10	0.01	10	2	80	65
S	L41E 6950N	6	526	12	66	0.3	84	61	869	5.78	4	ND	ND	49	1	2	2	124	0.82	0.10	3	28	1.86	127	0.13	2.02	0.04	0.16	0.01	7	2	70	67
S	L41E 6975N	6	22	9	19	0.2	10	9	145	3.59	4	ND	ND	22	1	2	2	160	0.26	0.03	2	11	0.40	119	0.46	1.01	0.03	0.06	0.01	4	2	20	47
S	L41E 7000N	8	400	15	60	0.3	83	62	844	6.16	4	ND	ND	41	1	2	2	142	0.80	0.08	3	30	2.07	92	0.15	2.00	0.04	0.13	0.01	9	2	40	62
S	L41E 7025N	7	280	18	76	0.4	65	33	468	5.28	4	ND	ND	48	1	4	2	126	1.00	0.08	3	21	1.43	122	0.15	1.80	0.04	0.06	0.01	7	2	40	64
S	L41E 7050N	6	211	4	90	0.2	33	21	561	4.73	2	ND	ND	36	1	2	2	118	0.81	0.05	2	14	1.30	131	0.30	1.98	0.05	0.12	0.01	3	2	30	60
S	L47E 5000N	38	80	8	59	0.5	27	11	620	5.34	3	ND	ND	37	1	2	2	137	0.26	0.13	5	16	1.11	96	0.17	2.65	0.04	0.08	0.01	18	2	30	50
S	L47E 5025N	15	27	1	52	0.4	52	9	273	3.86	5	ND	ND	25	1	2	2	106	0.18	0.06	1	28	1.66	61	0.21	2.51	0.04	0.09	0.01	6	2	140	48
S	L47E 5050N	36	82	12	85	0.8	42	15	670	6.30	4	ND	ND	40	1	3	2	166	0.29	0.14	6	18	1.51	92	0.17	2.62	0.05	0.06	0.01	21	3	20	48
S	L47E 5075N	32	67	9	76	0.7	28	11	511	5.93	2	ND	ND	45	1	2	2	151	0.22	0.14	5	15	1.23	104	0.19	2.71	0.05	0.13	0.01	18	2	20	48
S	L47E 5100N	40	37	12	50	0.5	25	7	256	4.51	6	ND	ND	24	1	2	2	134	0.18	0.09	8	21	0.62	71	0.17	1.93	0.03	0.06	0.01	9	2	10	48
S	L47E 5125N	48	112	10	81	1.0	32	9	396	6.46	6	ND	ND	36	1	3	2	150	0.19	0.09	5	25	1.13	104	0.17	2.69	0.03	0.07	0.01	13	2	30	49
S	L47E 5150N	63	111	22	72	0.7	36	18	428	7.50	4	ND	ND	41	1	3	2	128	0.29	0.10	6	23	1.19	116	0.17	2.32	0.04	0.05	0.01	35	2	30	49
S	L47E 5175N	47	190	26	176	0.8	37	13	392	5.29	2	ND	ND	54	4	3	2	121	0.83	0.10	6	18	0.98	157	0.16	1.95	0.03	0.07	0.01	30	2	100	60
S	L47E 5200N	38	74	9	64	0.3	29	9	295	5.66	3	ND	ND	34	1	2	2	134	0.23	0.09	4	20	0.97	93	0.21	2.72	0.03	0.05	0.01	29	2	20	48
S	L47E 5225N	27	49	10	59	0.7	29	9	285	3.96	2	ND	ND	36	1	2	2	147	0.25	0.06	4	18	1.04	101	0.25	2.02	0.03	0.07	0.01	9	2	10	49
S	L47E 5250N	59	75	9	82	0.4	33	13	430	7.21	4	ND	ND	40	1	2	2	163	0.27	0.10	4	20	1.02	101	0.21	2.17	0.04	0.05	0.01	34	3	40	45
S	L47E 5275N	38	110	14	118	0.2	154	22	837	5.91	5	ND	ND	31	1	6	2	145	0.41	0.11	6	38	2.34	93	0.20	2.47	0.04	0.07	0.01	23	3	20	46
S	L47E 5300N	58	78	12	75	0.3	59	12	420	5.11	2	ND	ND	38	1	2	2	152	0.39	0.07	7	18	1.19	95	0.21	2.01	0.03	0.05	0.01	30	3	10	51
S	L47E 5325N	57	89	12	91	0.4	35	11	388	6.08	3	ND	ND	40	1	2	2	125	0.63	0.10	7	15	1.40	113	0.20	2.43	0.04	0.14	0.01	12	2	15	57
S	L47E 5350N	41	212	13	74	0.3	40	21	556	4.84	5	ND	ND	53	1	9	3	95	0.68	0.10	14	21	1.13	149	0.11	1.67	0.03	0.20	0.01	26	2	80	64
S	L47E 5375N	43	323	10	80	0.5	42	21	1042	3.94	4	ND	ND	59	1	2	2	79	1.19	0.18	14	19	1.05	176	0.05	1.93	0.02	0.10	0.01	32	2	30	62
S	L47E 5400N	35	265	15	94	0.3	51	29	890	5.11	8	ND	ND	54	1	8	5	110	0.67	0.14	13	23	1.47	174	0.09	2.41	0.04	0.06	0.01	26	2	30	55
S	L47E 5450N	7	225	19	76	0.3	46	29	816	5.99	7	ND	ND	55	1	8	8	140	0.99	0.17	5	22	1.59	115	0.10	1.82	0.03	0.09	0.01	38	2	180	64
S	L47E 5475N	13	155	11	104	0.2	48	31	832	5.26	11	ND	ND	43	1	9	10	132	0.79	0.14	7	21	1.49	164	0.13	2.04	0.04	0.12	0.01	9	2	30	60
S	L47E 5500N	12	217	11	117	0.3	46	26	1191	4.52	6	ND	ND	44	1	9	13	111	0.91	0.12	7	18	1.45	143	0.11	1.97	0.04	0.08	0.01	14	2	20	63
S	L47E 5525N	16	90	11	77	0.3	35	17	374	5.36	7	ND	ND	29	1	6	8	128	0.35	0.08	5	18	1.19	88	0.16	2.37	0.04	0.06	0.01	11	2	30	54
S	L47E 5550N	8	46	12	71	0.4	33	16	495	5.68	8	ND	ND	21	1	8	11	145	0.26	0.08	4	21	1.12	55	0.21	1.77	0.03	0.05	0.01	4	2	20	47
S	L47E 5575N	10	164	10	90	0.4	33	20	677	5.31	6	ND	ND	32	1	2	2	131	0.45	0.06	5	18	1.12	85	0.19	2.01	0.03	0.05	0.01	5	2	5	57
S	L47E 5600N	11	177	7	67	0.3	40	24	484	5.37	8	ND	ND	35	1	5	2	136	0.50	0.07	6	26	1.34	67	0.18	1.92	0.03	0.06	0.01	1	2	140	59
S 080	L47E 5625N	8	187	11	101	0.2	45	23	822	5.02	7	ND	ND	36	1	6	2	119	0.76	0.08	7	24	1.25	114	0.13	1.91	0.03	0.06	0.01	3	2	70	65

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## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
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To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91198 I  
Invoice: 20347  
Date Entered: 91-08-09  
File Name: TEK91198.I  
Page No.: 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPB AA	(DH x 0.1)
S	DBL L47E 5650N	7	86	11	74	0.2	35	22	377	5.88	3	ND	ND	31	1	4	2	163	0.69	0.04	4	20	1.26	95	0.23	1.89	0.03	0.07	0.01	3	3	30	67	
S	L47E 5675N	8	151	9	96	0.1	43	24	986	5.51	2	ND	ND	30	1	7	2	210	0.62	0.06	4	21	1.41	100	0.21	1.98	0.03	0.05	0.01	1	3	20	61	
S	L47E 5700N	7	31	10	53	0.2	24	10	209	4.18	3	ND	ND	28	1	3	2	147	0.41	0.03	3	15	0.74	69	0.26	1.21	0.03	0.03	0.01	1	2	5	53	
S	L47E 5725N	5	52	8	82	0.4	54	17	326	5.95	5	ND	ND	23	1	4	2	157	0.31	0.08	3	19	1.38	65	0.23	2.03	0.03	0.05	0.01	1	3	5	47	
S	L47E 5750N	5	58	7	72	0.3	52	19	308	5.72	2	ND	ND	26	1	4	2	149	0.31	0.06	3	18	1.37	54	0.24	1.85	0.03	0.04	0.01	1	2	10	49	
S	L47E 5775N	4	33	9	84	0.2	24	15	518	5.56	3	ND	ND	23	1	4	2	150	0.31	0.10	5	14	1.02	70	0.29	1.67	0.03	0.08	0.01	1	2	5	49	
S	L47E 5800N	3	31	9	66	0.2	29	15	298	5.17	6	ND	ND	22	1	5	2	150	0.31	0.10	2	17	0.99	47	0.26	1.33	0.03	0.04	0.01	1	2	1080	49	
S	L47E 5825N	3	51	9	70	0.1	38	19	285	5.54	5	ND	ND	21	1	5	2	152	0.29	0.06	3	18	1.13	44	0.24	1.62	0.03	0.04	0.01	1	2	30	50	
S	L47E 5850N	4	69	4	77	0.1	46	21	382	5.26	4	ND	ND	28	1	3	2	141	0.29	0.15	2	24	1.49	52	0.20	1.74	0.04	0.04	0.01	1	2	20	46	
S	L47E 5875N	2	27	9	70	0.2	33	20	436	4.23	3	ND	ND	19	1	3	2	139	0.29	0.06	2	21	1.41	42	0.28	1.69	0.04	0.06	0.01	1	2	5	51	
S	L47E 5900N	4	56	8	76	0.2	58	26	414	5.51	2	ND	ND	23	1	2	2	161	0.39	0.06	2	25	1.89	50	0.27	1.95	0.05	0.07	0.01	6	3	5	53	
S	L47E 5925N	3	37	6	90	0.2	41	20	407	4.92	2	ND	ND	32	1	4	2	153	0.40	0.07	1	19	1.56	55	0.24	1.79	0.05	0.05	0.01	4	2	5	52	
S	L47E 5950N	2	43	6	81	0.1	43	21	345	4.20	4	ND	ND	26	1	4	2	121	0.53	0.10	1	18	1.75	73	0.18	1.72	0.05	0.09	0.01	5	2	5	49	
S	L47E 5975N	2	37	5	102	0.1	43	34	494	4.97	2	ND	ND	23	1	6	6	156	0.56	0.06	1	16	2.46	154	0.24	2.41	0.06	0.73	0.01	5	3	5	53	
S	L47E 6000N	4	82	11	60	0.1	79	35	375	4.52	11	ND	ND	21	1	4	10	93	0.40	0.05	2	23	2.01	64	0.14	1.82	0.05	0.04	0.01	5	2	10	50	
S	L49E 4975N	13	119	26	67	0.4	76	24	478	4.91	5	ND	ND	35	1	7	9	151	0.39	0.08	4	19	2.05	74	0.19	2.54	0.06	0.06	0.01	7	3	40	50	
S	L49E 5000N	17	65	16	89	0.2	35	19	540	6.21	8	ND	ND	42	1	5	7	157	0.39	0.13	5	13	1.43	124	0.21	2.67	0.05	0.08	0.01	12	3	30	46	
S	L49E 5025N	78	96	19	84	1.0	42	17	394	6.85	12	ND	ND	47	1	6	14	168	0.28	0.10	9	14	1.32	130	0.27	2.77	0.06	0.07	0.01	30	3	30	49	
S	L49E 5050N	55	52	13	48	0.6	15	6	261	3.85	4	ND	ND	38	1	2	6	124	0.21	0.10	8	14	0.53	96	0.21	1.52	0.04	0.07	0.01	38	2	25	50	
S	L49E 5075N	127	125	12	76	0.4	28	15	471	7.42	6	ND	ND	34	1	3	2	157	0.25	0.17	4	20	1.04	103	0.15	2.23	0.05	0.07	0.01	50	3	40	46	
S	L49E 5100N	89	136	13	76	0.4	35	19	428	6.63	7	ND	ND	38	1	4	2	148	0.32	0.14	5	18	1.43	162	0.20	3.24	0.05	0.19	0.02	104	3	10	51	
S	L49E 5125N	215	423	21	101	0.4	55	57	1256	10.41	7	ND	ND	42	1	10	2	183	0.33	0.18	8	19	2.15	263	0.26	3.04	0.07	0.45	0.01	207	3	20	50	
S	L49E 5150N	207	326	40	85	0.5	37	33	906	11.39	9	ND	ND	36	2	8	2	216	0.19	0.22	5	14	2.48	249	0.31	2.84	0.08	0.65	0.01	154	4	60	43	
S	L49E 5175N	90	392	18	85	0.2	41	42	981	7.78	2	ND	ND	54	1	10	2	149	0.62	0.19	6	13	1.92	122	0.17	2.27	0.06	0.18	0.01	91	3	50	52	
S	L49E 5200N	197	1191	21	114	1.0	29	34	635	15.80	9	ND	ND	32	1	7	2	184	0.30	0.28	5	12	1.84	204	0.26	3.10	0.07	0.63	0.01	247	3	30	56	
S	L49E 5225N	199	584	23	86	0.3	41	75	782	11.34	8	ND	ND	57	1	7	2	124	0.48	0.20	12	11	1.44	109	0.16	2.49	0.06	0.14	0.03	188	3	20	57	
S	L49E 5250N	73	151	69	85	2.2	39	26	420	9.62	5	ND	ND	34	1	5	2	159	0.29	0.10	5	14	1.33	141	0.25	3.25	0.06	0.05	0.03	97	3	30	54	
S	L49E 5275N	81	356	20	103	0.5	70	77	1300	9.50	9	ND	ND	38	1	13	2	207	0.69	0.12	7	21	2.08	146	0.20	2.37	0.07	0.24	0.02	284	4	10	62	
S	L49E 5300N	42	233	11	56	0.2	31	34	560	8.80	3	ND	ND	26	1	4	2	158	0.35	0.13	3	18	0.92	44	0.25	1.14	0.05	0.08	0.01	180	3	20	54	
S	L49E 5325N	80	153	8	85	0.2	43	26	823	7.93	7	ND	ND	37	1	13	2	190	0.27	0.20	3	16	2.30	219	0.32	2.59	0.06	1.00	0.01	206	3	40	45	
S	L49E 5350N	74	211	20	89	0.1	40	22	502	7.71	4	ND	ND	72	1	6	2	158	0.45	0.19	7	15	1.77	213	0.27	2.30	0.06	0.50	0.01	90	3	10	49	
S	L49E 5375N	60	79	8	75	0.1	23	15	331	7.18	4	ND	ND	37	1	2	2	191	0.30	0.15	5	13	1.02	100	0.23	2.07	0.04	0.07	0.01	51	3	10	49	
S	L49E 5400N	58	76	9	67	0.2	21	12	450	6.07	2	ND	ND	39	1	2	2	147	0.32	0.13	6	13	1.03	71	0.20	1.92	0.05	0.07	0.01	16	2	50	49	
S	L49E 5425N	43	63	13	61	1.0	26	11	307	6.33	2	ND	ND	29	1	3	2	229	0.24	0.20	2	14	1.11	51	0.29	1.95	0.05	0.06	0.01	43	3	10	45	
S	L49E 5450N	25	324	7	76	0.2	47	40	848	6.90	3	ND	ND	43	1	2	2	153	0.60	0.15	8	16	1.49	108	0.17	2.15	0.04	0.12	0.01	20	3	120	58	
S	L49E 5475N	27	207	7	72	0.2	22	42	738	10.01	2	ND	ND	76	1	2	2	138	0.90	0.19	4	11	1.59	123	0.17	1.87	0.05	0.23	0.02	81	2	30	59	
S	L49E 5500N	13	305	3	66	0.4	29	20	748	4.61	2	ND	ND	45	1	2	2	97	0.90	0.09	9	16	1.04	148	0.10	1.75	0.04	0.08	0.01	5	2	60	65	
S	L49E 5525N	19	152	9	130	0.8	32	21	2173	4.85	2	ND	ND	39	1	6	2	125	0.93	0.07	7	22	1.32	206	0.16	2.19	0.05	0.07	0.01	11	2	60	68	
S	L49E 5550N	15	45	11	65	0.1	26	11	271	4.11	3	ND	ND	40	1	2	4	125	0.56	0.05	5	20	0.85	100	0.20	1.38	0.04	0.04	0.01	13	2	40	55	
S	L20 L49E 5575N	12	73	9	75	0.2	34	15	369	4.66	2	ND	ND	39	1	2	2	135	0.77	0.06	5	23	1.03	137	0.18	1.61	0.04	0.05	0.01	8	2	30	58	

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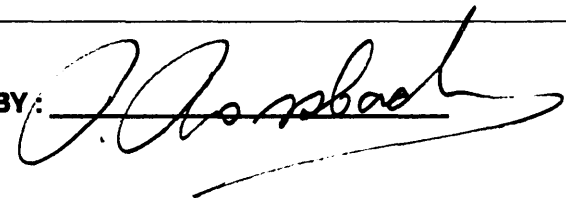
To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

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PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU	PPB AA	( <u>LDH</u> x 0.1)
S	<del>L49E 5675N</del>	12	73	9	75	0.2	34	15	369	4.66	2	ND	ND	39	1	2	2	135	0.77	0.06	5	23	1.03	137	0.18	1.61	0.04	0.05	0.01	8	2	30	58	
S	<u>421</u> L49E 5600N	9	110	5	90	0.2	41	23	430	4.92	2	ND	ND	43	1	2	4	152	1.12	0.06	6	21	1.34	117	0.18	1.98	0.05	0.05	0.01	12	3	30	63	
S	L49E 5625N	15	58	7	68	0.1	34	18	310	6.10	2	ND	ND	31	1	2	2	145	0.38	0.04	4	22	1.03	79	0.23	1.49	0.04	0.04	0.01	8	2	30	47	
S	L49E 5650N	11	47	7	76	0.1	38	16	364	4.69	4	ND	ND	33	1	2	8	137	0.64	0.05	4	18	1.11	112	0.22	1.67	0.05	0.05	0.01	3	2	160	56	
S	L49E 5675N	6	134	12	93	0.1	97	37	539	6.49	2	ND	ND	30	1	7	2	177	0.54	0.08	3	25	2.13	94	0.23	2.24	0.06	0.10	0.01	8	3	90	52	
S	L49E 5700N	6	53	9	93	0.2	53	24	396	6.31	5	ND	ND	26	1	6	4	152	0.36	0.11	4	21	1.47	93	0.25	1.90	0.05	0.08	0.01	6	3	5	47	
S	L49E 5725N	7	42	9	97	0.2	50	21	402	6.53	3	ND	ND	26	1	5	2	190	0.38	0.10	4	17	1.43	102	0.30	1.81	0.05	0.06	0.01	3	3	20	47	
S	L49E 5750N	4	23	10	82	0.1	22	14	303	5.58	2	ND	ND	26	1	2	5	156	0.33	0.10	4	13	0.85	46	0.31	1.29	0.04	0.05	0.01	1	3	10	50	
S	L49E 5775N	3	47	10	80	0.2	48	20	393	6.02	4	ND	ND	22	1	2	2	162	0.31	0.17	3	24	1.47	49	0.21	1.98	0.04	0.05	0.01	1	3	10	45	
S	L49E 5800N	3	40	12	76	0.2	53	18	334	6.19	7	ND	ND	24	1	2	2	165	0.34	0.23	2	23	1.37	44	0.24	1.69	0.03	0.05	0.01	2	3	50	46	
S	L49E 5825N	4	68	12	80	0.3	51	24	345	6.68	6	ND	ND	27	1	3	2	172	0.36	0.08	2	22	1.47	47	0.26	1.95	0.05	0.04	0.01	3	3	20	47	
S	L49E 5850N	5	55	16	76	0.3	57	23	357	6.36	7	ND	ND	28	1	5	5	172	0.31	0.08	3	20	1.44	46	0.28	2.14	0.05	0.05	0.01	3	3	25	48	
S	L49E 5875N	3	42	9	69	0.3	42	20	374	6.15	7	ND	ND	28	1	3	2	168	0.33	0.08	3	19	1.30	46	0.28	1.88	0.04	0.04	0.01	1	3	10	47	
S	L49E 5900N	6	70	15	82	0.3	60	27	369	6.61	9	ND	ND	34	1	5	5	170	0.39	0.11	3	19	1.51	54	0.24	2.11	0.05	0.05	0.01	9	3	30	45	
S	L49E 5925N	3	81	11	85	0.2	52	21	375	5.51	2	ND	ND	35	1	4	2	157	0.41	0.09	3	16	1.55	66	0.28	2.55	0.05	0.04	0.01	8	3	270	48	
S	L49E 5950N	4	89	13	89	0.2	72	21	417	5.60	8	ND	ND	27	1	2	2	149	0.32	0.09	4	17	1.65	61	0.25	2.65	0.05	0.06	0.01	4	2	20	47	
S	L49E 5975N	3	36	5	68	0.2	38	18	427	5.07	5	ND	ND	23	1	5	2	172	0.27	0.08	3	15	1.42	40	0.31	1.99	0.05	0.06	0.01	1	3	15	47	
S	<u>437</u> L49E 6000N	5	68	17	73	0.3	55	25	377	6.26	13	ND	ND	53	1	7	2	171	0.36	0.08	3	19	1.54	57	0.31	2.16	0.05	0.06	0.01	5	3	120	49	

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## CERTIFICATE OF ANALYSIS

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To: TECK EXPLORATIONS LTD.  
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KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91206  
Invoice: 20350  
Date Entered: 91-08-15  
File Name: TEK91206.B / c / d  
Page No.: 1

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S 531	L40E 6025N	1	52	8	71	0.3	48	22	1038	3.01	5	ND	ND	11	1	6	2	62	0.33	0.07	3	107	2.09	98	0.09	1.58	0.05	0.12	4	1	5	6.5	
S	L40E 6050N	1	46	8	79	0.1	40	17	625	3.23	8	ND	ND	10	1	9	2	70	0.26	0.06	3	85	1.83	39	0.08	1.58	0.04	0.06	3	2	20	6.1	
S	L40E 6075N	1	31	15	76	0.1	31	15	396	3.93	9	ND	ND	8	1	5	2	88	0.21	0.03	3	74	1.27	27	0.12	1.05	0.04	0.02	1	2	5	5.7	
S	L40E 6100N	1	25	8	71	0.1	27	16	653	3.27	7	ND	ND	10	1	11	2	83	0.21	0.05	1	52	1.09	48	0.08	0.94	0.04	0.03	1	2	5	5.8	
S	L40E 6125N	1	33	8	71	0.1	37	18	555	2.89	7	ND	ND	10	1	3	2	57	0.22	0.05	1	49	1.54	29	0.06	1.24	0.04	0.05	1	1	5	5.5	
S	L40E 6150N	1	29	13	70	0.1	33	18	521	2.61	11	ND	ND	13	1	4	2	52	0.25	0.06	1	44	1.33	31	0.08	1.15	0.05	0.04	3	1	10	5.8	
S	L40E 6175N	1	27	13	57	0.2	35	16	516	4.57	6	ND	ND	10	1	2	2	113	0.17	0.04	1	54	1.40	34	0.16	1.45	0.05	0.01	1	2	150	5.4	
S	L40E 6200N	1	38	12	62	0.1	39	18	423	4.44	7	ND	ND	14	1	2	2	95	0.22	0.06	1	46	1.45	38	0.13	1.46	0.05	0.02	2	2	80	5.8	
S	L40E 6225N	1	38	20	45	0.2	41	20	407	2.75	14	ND	ND	11	1	10	9	49	0.22	0.05	1	33	1.18	32	0.06	0.95	0.05	0.06	4	1	10	6.1	
S	L40E 6250N	13	260	8	80	0.3	78	64	1086	5.53	8	ND	ND	43	1	17	2	130	0.71	0.10	2	39	2.79	52	0.10	3.13	0.07	0.13	16	3	40	6.4	
S	L40E 6275N	10	577	4	108	0.3	85	82	2485	5.32	8	ND	ND	66	1	10	2	109	0.57	0.09	11	71	2.37	709	0.08	2.80	0.06	0.14	2	3	80	6.5	
S	L40E 6300N	6	494	11	112	0.2	81	45	1877	5.37	4	ND	ND	194	1	5	2	132	0.57	0.11	9	50	2.52	338	0.09	3.44	0.08	0.12	10	3	30	5.5	
S	L40E 6350N	5	340	8	125	0.3	63	72	1274	5.83	8	ND	ND	88	1	9	8	137	0.56	0.11	5	40	2.42	89	0.10	3.35	0.07	0.11	15	3	10	5.5	
S	L40E 6400N	3	41	7	71	0.4	47	10	255	3.06	9	ND	ND	24	1	2	2	122	0.20	0.06	2	35	1.03	40	0.13	1.26	0.04	0.07	1	2	5	4.4	
S	L40E 6425N	3	81	1	103	0.3	75	26	526	4.87	6	ND	ND	28	1	2	2	155	0.28	0.09	2	54	2.25	52	0.18	2.79	0.07	0.06	4	3	110	4.9	
S	L40E 6450N	3	63	1	81	0.4	86	17	483	4.12	5	ND	ND	31	1	2	2	136	0.24	0.10	1	44	2.03	58	0.19	2.53	0.06	0.08	1	3	10	4.7	
S	L40E 6475N	3	46	1	56	0.2	128	16	367	3.50	5	ND	ND	25	1	2	2	119	0.50	0.06	1	46	2.26	118	0.24	2.21	0.06	0.09	5	2	30	6.5	
S	L40E 6500N	2	94	1	100	0.2	159	28	635	4.36	5	ND	ND	18	1	9	2	146	0.52	0.07	1	67	3.27	83	0.16	2.93	0.06	0.09	6	3	5	5.7	
S	L40E 6525N	2	75	3	96	0.2	88	32	985	4.28	2	ND	ND	14	1	2	2	161	0.39	0.07	1	57	3.23	97	0.16	2.74	0.06	0.05	1	3	5	5.2	
S	L40E 6550N	3	31	12	49	0.3	57	11	289	3.40	16	ND	ND	19	1	2	2	106	0.20	0.06	1	17	1.16	44	0.21	1.90	0.05	0.07	1	2	5	4.5	
S	L40E 6575N	3	74	4	46	0.3	19	4	334	3.74	3	ND	ND	15	1	2	10	130	0.12	0.04	2	23	0.95	26	0.26	1.61	0.04	0.03	1	3	20	5.0	
S	L40E 6600N	1	58	1	65	0.2	27	7	262	4.01	2	ND	ND	19	1	2	2	122	0.22	0.06	1	37	0.96	29	0.21	1.68	0.05	0.03	1	2	5	4.9	
S	L40E 6625N	3	55	1	84	0.2	30	11	472	4.72	2	ND	ND	19	1	2	2	147	0.20	0.07	2	31	1.29	55	0.25	1.83	0.04	0.08	1	3	5	4.5	
S	L40E 6650N	2	144	7	89	0.2	36	18	508	4.47	2	ND	ND	26	1	2	2	105	0.33	0.08	3	35	1.26	60	0.16	1.88	0.06	0.07	1	2	80	4.6	
S	L40E 6675N	11	1742	12	110	0.2	39	67	730	8.87	5	ND	ND	68	2	2	2	96	0.46	0.13	5	34	1.18	102	0.13	1.88	0.06	0.10	5	2	120	5.6	
S	L40E 6700N	5	231	6	92	0.4	20	12	254	5.12	3	ND	ND	32	1	2	6	106	0.28	0.08	6	21	0.89	58	0.14	2.10	0.06	0.06	1	2	10	4.5	
S	L40E 6725N	5	86	1	87	0.2	17	11	265	5.75	2	ND	ND	38	1	2	2	147	0.21	0.05	5	25	0.78	46	0.28	1.92	0.04	0.05	1	3	20	4.2	
S	L40E 6750N	3	461	1	108	0.2	28	4	328	4.54	4	ND	ND	40	1	2	2	89	0.29	0.08	5	26	0.91	93	0.14	3.98	0.06	0.05	1	2	10	5.1	
S	L40E 6775N	5	71	7	60	0.4	20	12	294	4.27	2	ND	ND	35	1	2	2	146	0.26	0.07	2	20	0.83	100	0.19	1.56	0.05	0.11	1	3	10	4.6	
S	L41E 4400N	1	121	1	101	0.1	170	9	899	4.85	2	ND	ND	15	1	2	2	148	0.23	0.11	2	78	4.12	35	0.15	4.04	0.07	0.04	1	3	30	5.1	
S	L41E 4425N	2	63	6	102	0.2	18	8	564	4.05	4	ND	ND	29	1	2	2	114	0.18	0.09	3	20	1.25	46	0.12	2.25	0.05	0.03	1	2	25	4.7	
S	L41E 4450N	3	57	24	86	0.2	18	6	284	2.93	13	ND	ND	34	1	3	2	101	0.18	0.08	5	19	0.95	60	0.12	2.02	0.05	0.03	1	2	70	4.7	
S	L41E 4475N	3	100	39	130	0.3	23	9	721	3.41	10	ND	ND	37	1	4	12	95	0.47	0.16	9	21	1.08	94	0.04	2.59	0.06	0.04	7	2	20	5.6	
S	L41E 4500N	3	107	42	134	0.2	41	15	543	5.42	6	ND	ND	36	1	2	8	155	0.25	0.07	6	38	1.70	61	0.13	2.75	0.05	0.03	4	3	80	5.4	
S	L41E 4525N	2	356	47	140	0.3	50	22	773	4.96	12	ND	ND	43	1	6	19	139	0.41	0.11	9	32	2.04	77	0.09	2.90	0.06	0.04	13	3	140	5.8	
S	L41E 4550N	2	423	39	154	0.4	55	24	1198	5.46	9	ND	ND	54	1	7	17	166	0.41	0.16	12	31	2.09	117	0.10	3.06	0.07	0.07	14	4	220	5.4	
S	L41E 4575N	4	494	74	157	0.4	33	7	1121	3.78	15	ND	ND	31	1	9	22	115	0.42	0.24	26	21	1.29	78	0.03	3.88	0.07	0.05	4	3	110	5.5	
S	L41E 4600N	3	140	23	119	0.3	40	15	527	4.88	16	ND	ND	35	1	9	24	144	0.23	0.10	10	24	1.79	70	0.11	2.76	0.07	0.03	2	3	70	5.0	
S	L41E 4625N	2	144	8	135	0.3	33	14	792	4.16	5	ND	ND	55	1	2	11	121	0.28	0.15	8	20	1.80	73	0.07	2.76	0.06	0.04	5	3	75	5.1	
S	L41E 4650N	2	229	8	103	0.1	59	11	527	4.63	2	ND	ND	42	1	3	2	130	0.27	0.11	4	42											



# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

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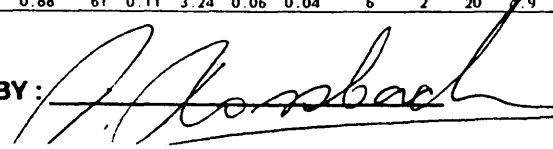
To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91206  
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Page No.: 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM Mn	% FE	PPM AS	PPM ALU	PPM HC	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% K	PPM W	PPM BE	PPM AU	PPB AA	PPB DH
S	L41E 4675N	3	126	10	102	0.1	29	9	502	3.54	2	ND	ND	49	1	2	2	106	0.29	0.11	3	24	1.53	80	0.09	2.61	0.05	0.04	4	2	50	5.0	
S	L41E 4700N	1	242	6	106	0.1	35	18	1015	5.18	2	ND	ND	66	1	5	2	133	0.50	0.18	4	28	2.01	76	0.09	2.74	0.07	0.03	4	3	120	5.4	
S	L41E 4725N	1	99	1	101	0.1	21	13	552	5.30	2	ND	ND	44	1	2	2	140	0.28	0.10	3	27	1.50	65	0.11	2.51	0.06	0.02	1	3	80	5.0	
S	L41E 4750N	2	127	10	106	0.1	26	17	881	6.14	3	ND	ND	30	1	2	2	161	0.36	0.11	4	31	1.70	86	0.11	2.38	0.06	0.02	3	3	85	5.3	
S	L41E 4775N	4	51	8	95	0.1	20	7	362	3.17	2	ND	ND	33	1	2	2	117	0.29	0.06	4	20	1.73	230	0.13	1.83	0.05	0.02	1	3	80	5.1	
S	L41E 4800N	2	363	2	101	0.1	41	12	878	4.42	2	ND	ND	75	1	2	2	122	0.52	0.13	4	32	1.63	107	0.12	2.38	0.05	0.02	2	3	75	5.6	
S	L41E 4825N	1	307	1	149	0.1	184	18	1115	4.46	2	ND	ND	33	1	6	2	131	0.34	0.09	4	84	3.33	59	0.15	3.20	0.08	0.05	2	3	200	5.8	
S	L41E 4850N	1	59	1	113	0.1	110	13	508	4.71	2	ND	ND	27	1	2	2	133	0.31	0.06	5	51	2.22	65	0.19	2.46	0.05	0.04	1	3	40	5.5	
S	L41E 4875N	2	179	1	118	0.1	87	16	811	5.08	2	ND	ND	34	1	2	2	152	0.37	0.11	6	41	2.28	81	0.16	2.65	0.06	0.05	1	3	60	5.3	
S	L41E 4900N	3	237	1	80	0.1	105	21	919	4.80	2	ND	ND	37	1	10	2	164	0.74	0.11	1	75	2.93	103	0.18	2.99	0.06	0.08	10	3	30	6.0	
S	L41E 4925N	4	205	1	80	0.2	108	26	902	4.69	6	ND	ND	61	1	13	2	124	0.43	0.15	2	57	2.53	69	0.09	2.55	0.06	0.05	11	2	40	5.1	
S	L41E 4975N	8	61	10	54	0.1	32	9	329	4.87	4	ND	ND	38	1	2	2	155	0.21	0.05	2	27	1.32	70	0.19	2.25	0.04	0.07	8	3	10	4.9	
S	L41E 6025N	5	62	1	76	0.2	70	31	4237	6.27	2	ND	ND	12	2	13	2	198	0.59	0.06	3	83	3.95	351	0.04	2.75	0.07	0.05	19	4	10	6.7	
S	L41E 6050N	3	77	1	65	0.2	38	23	1834	4.68	2	ND	ND	24	1	8	2	108	0.51	0.10	8	46	2.52	179	0.11	2.22	0.04	0.37	13	2	30	6.8	
S	L41E 6075N	2	43	8	42	0.1	48	23	1206	3.61	7	ND	ND	14	1	14	13	75	0.32	0.06	4	58	2.04	79	0.09	1.78	0.04	0.07	14	2	10	5.7	
S	L41E 6100N	2	43	11	51	0.1	38	21	1041	3.22	9	ND	ND	14	1	12	13	70	0.37	0.05	6	56	1.86	93	0.09	1.54	0.04	0.14	10	2	30	6.4	
S	L41E 6125N	3	57	8	68	0.1	46	23	1398	4.09	10	ND	ND	18	1	12	18	94	0.42	0.06	9	68	2.36	126	0.12	2.02	0.05	0.14	17	2	20	6.3	
S	L41E 6150N	2	50	14	57	0.1	41	22	1256	3.57	6	ND	ND	14	1	16	20	80	0.36	0.05	8	65	2.05	108	0.10	1.67	0.05	0.16	11	2	10	6.1	
S	L41E 6175N	1	46	1	46	0.1	32	15	988	3.08	2	ND	ND	12	1	2	2	65	0.29	0.05	4	60	1.87	88	0.08	1.52	0.04	0.14	1	1	5	6.1	
S	L41E 6200N	1	82	5	52	0.1	50	17	527	3.56	7	ND	ND	12	1	4	2	78	0.24	0.06	1	81	1.60	54	0.10	1.70	0.05	0.04	4	2	5	5.7	
S	L41E 6225N	1	63	2	88	0.1	55	16	584	4.15	10	ND	ND	17	1	5	2	120	0.25	0.08	1	72	1.99	57	0.13	2.27	0.06	0.05	1	2	5	5.1	
S	L41E 6250N	2	46	1	54	0.1	40	18	467	4.84	6	ND	ND	17	1	2	2	106	0.25	0.07	1	85	1.38	44	0.15	1.71	0.04	0.04	1	2	5	5.4	
S	L41E 6275N	4	389	1	31	0.1	56	49	1410	4.39	2	ND	ND	331	1	2	2	90	0.93	0.09	2	54	1.61	224	0.08	3.52	0.09	0.13	6	2	50	5.1	
S	L41E 6300N	6	185	1	67	2.0	61	38	395	4.84	7	ND	ND	31	1	2	2	103	0.26	0.07	1	79	1.74	39	0.10	2.45	0.05	0.03	1	2	90	4.9	
S	L41E 6325N	1	445	126	110	1.3	64	21	745	5.37	9	ND	ND	173	1	4	2	129	0.43	0.11	2	54	1.97	113	0.06	5.54	0.08	0.06	10	3	5	4.8	
S	L41E 6350N	1	145	1	53	0.1	84	16	575	3.87	2	ND	ND	112	1	2	2	116	0.42	0.09	1	48	1.78	108	0.15	3.04	0.07	0.13	1	2	10	5.0	
S	L41E 6375N	3	160	7	81	0.2	48	27	901	3.15	7	ND	ND	140	1	6	7	83	0.46	0.14	3	42	1.21	147	0.05	2.47	0.05	0.14	3	2	60	4.6	
S	L41E 6400N	4	216	5	81	0.1	131	32	588	4.01	4	ND	ND	74	1	8	2	126	1.23	0.12	5	66	2.28	298	0.11	3.07	0.07	0.17	14	3	40	6.5	
S	L41E 6425N	4	117	6	89	0.1	346	28	949	3.94	5	ND	ND	30	1	20	2	120	0.85	0.13	5	89	3.94	194	0.12	3.47	0.08	0.10	9	3	5	5.6	
S	L41E 6450N	6	59	3	58	0.2	80	10	462	2.97	2	ND	ND	33	1	2	2	83	0.36	0.09	3	48	1.62	122	0.07	2.42	0.05	0.06	2	2	10	5.4	
S	L41E 6475N	5	214	1	64	0.1	98	21	455	5.18	4	ND	ND	29	1	4	2	120	0.20	0.16	1	69	2.03	42	0.13	2.72	0.06	0.07	5	160	4.5		
S	L41E 6500N	1	33	1	44	0.1	80	13	384	4.26	2	ND	ND	32	1	2	2	114	0.24	0.07	1	57	2.03	76	0.21	2.63	0.05	0.08	1	2	10	4.6	
S	L41E 6525N	2	22	1	53	0.1	416	15	399	3.94	3	ND	ND	3	1	3	2	88	0.09	0.08	1	129	4.03	116	0.16	3.66	0.07	0.66	3	2	5	4.4	
S	L41E 6550N	2	68	1	71	0.1	73	14	558	4.91	4	ND	ND	19	1	2	2	129	0.18	0.09	1	51	1.83	44	0.18	2.52	0.04	0.08	1	2	160	4.7	
S	L41E 6575N	2	35	1	52	0.2	52	8	322	4.11	7	ND	ND	17	1	2	2	111	0.18	0.07	1	47	1.32	54	0.19	2.57	0.05	0.07	1	2	10	4.6	
S	L41E 6600N	3	219	1	52	0.6	48	17	370	5.36	3	ND	ND	21	1	2	2	150	0.19	0.07	3	54	1.21	51	0.24	2.30	0.05	0.05	3	3	60	4.8	
S	L41E 6625N	3	265	1	58	0.1	21	14	482	5.71	9	ND	ND	20	1	2	2	181	0.28	0.12	2	38	1.55	74	0.20	2.68	0.07	0.19	1	4	10	4.8	
S	L41E 6650N	2	59	2	43	0.2	22	6	229	3.97	8	ND	ND	31	1	2	2	110	0.31	0.06	2	38	0.90	44	0.22	2.07	0.05	0.04	1	2	20	4.9	
S	L41E 6675N	5	175	45	66	0.2	34	12	329	6.14	10	ND	ND	27	1	2	8	131	0.27	0.08	3	52	1.15	49	0.27	2.86	0.06	0.07	6	3	20	5.0	
S	L41E 6700N	6	423	5	70	0.1	29	22	428	6.29	11	ND	ND	24	1	3	3	81	0.22	0.11	1	47	0.88	61	0.11	3.24	0.06	0.04	6	2	20	4.9	

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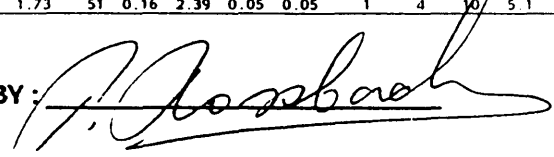
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Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Certificate: 91206  
Invoice: 20350  
Date Entered: 91-08-15  
File Name: TEK91206.B  
Page No.: 3

Project: 1384  
Type of Analysis: ICP

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AC	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L41E 6725N	7	382	9	59	0.5	21	17	240	3.91	12	ND	ND	30	1	6	5	106	0.26	0.06	1	35	0.86	66	0.15	1.38	0.05	0.04	7	2	170	4.9	
S	L41E 6750N	10	487	5	87	0.2	27	55	974	8.08	9	ND	ND	46	1	2	2	158	0.33	0.12	1	49	1.11	85	0.20	1.96	0.06	0.07	10	3	45	4.7	
S	L41E 6775N	9	323	11	56	0.4	42	32	647	6.47	6	ND	ND	28	1	3	2	163	0.22	0.11	1	55	1.58	65	0.14	1.82	0.06	0.08	9	3	540	4.3	
S	L42E 4400N	3	183	48	101	0.1	53	20	557	5.18	2	ND	ND	42	1	8	2	133	0.32	0.10	2	60	2.05	89	0.11	3.11	0.05	0.03	5	3	60	5.2	
S	L42E 4425N	3	177	23	93	0.1	53	16	520	4.82	2	ND	ND	34	1	8	6	144	0.33	0.08	2	53	2.14	52	0.14	3.32	0.06	0.04	5	3	40	5.3	
S	L42E 4450N	3	409	24	52	0.2	33	17	335	3.86	8	ND	ND	32	1	2	8	122	0.23	0.10	1	48	1.41	57	0.14	2.73	0.06	0.08	4	2	50	4.8	
S	L42E 4475N	3	112	24	78	0.2	31	14	617	4.51	5	ND	ND	32	1	8	10	124	0.27	0.10	2	41	1.71	61	0.11	2.92	0.06	0.05	1	3	60	4.9	
S	L42E 4500N	4	250	82	361	0.8	35	19	1164	5.08	7	ND	ND	54	3	8	12	191	0.72	0.15	10	48	1.83	194	0.06	3.33	0.07	0.06	19	4	220	6.2	
S	L42E 4525N	1	128	1	82	0.2	14	9	773	4.07	2	ND	ND	43	1	2	2	103	0.30	0.12	1	31	1.32	71	0.10	2.73	0.01	0.04	1	2	430	6.2	
S	L42E 4550N	3	120	12	119	0.1	83	20	852	5.28	5	ND	ND	27	1	5	2	162	0.31	0.15	4	84	2.61	62	0.16	3.13	0.06	0.07	7	3	180	5.4	
S	L42E 4575N	3	89	5	133	0.1	172	18	825	5.46	8	ND	ND	18	1	5	2	169	0.23	0.11	1	146	3.23	47	0.21	3.61	0.05	0.13	4	3	130	5.0	
S	L42E 4600N	4	84	6	89	0.1	69	20	798	4.88	8	ND	ND	27	1	6	2	158	0.17	0.12	1	70	2.29	46	0.15	2.86	0.06	0.04	4	3	80	4.6	
S	L42E 4625N	3	215	1	112	0.1	91	11	1527	6.90	5	ND	ND	26	2	5	2	217	0.58	0.15	6	100	3.10	121	0.33	4.44	0.08	0.56	10	4	30	5.7	
S	L42E 4650N	4	59	3	65	0.1	35	14	618	6.10	9	ND	ND	31	1	2	2	185	0.18	0.10	1	50	1.71	57	0.24	2.63	0.05	0.03	3	3	40	4.6	
S	L42E 4675N	5	101	8	96	0.2	29	9	588	5.64	10	ND	ND	32	1	2	2	140	0.30	0.11	3	41	1.70	82	0.13	3.50	0.06	0.04	3	3	80	5.2	
S	L42E 4700N	5	409	8	95	1.4	23	26	1461	6.90	7	ND	ND	23	1	2	2	183	0.20	0.12	2	37	1.88	63	0.12	3.06	0.06	0.05	3	4	170	4.9	
S	L42E 4725N	5	249	12	102	0.3	28	16	855	5.19	7	ND	ND	60	1	2	2	124	0.37	0.16	2	38	1.76	131	0.08	2.79	0.05	0.04	5	2	60	4.9	
S	L42E 4750N	5	76	13	96	0.3	19	16	984	5.66	6	ND	ND	32	1	2	2	139	0.20	0.13	3	36	1.31	128	0.10	2.52	0.05	0.03	5	3	3200	4.8	
S	L42E 4775N	3	81	12	104	0.2	29	14	521	4.85	7	ND	ND	38	1	2	2	148	0.27	0.12	3	42	1.60	64	0.13	2.43	0.04	0.03	2	3	60	4.7	
S	L42E 4800N	3	58	14	95	0.4	25	11	405	4.04	2	ND	ND	35	1	2	2	127	0.23	0.08	2	38	1.19	76	0.19	2.12	0.04	0.03	4	2	40	4.9	
S	L42E 4825N	3	192	12	115	0.1	76	13	716	5.71	6	ND	ND	38	1	2	2	151	0.40	0.16	1	82	2.50	66	0.13	3.53	0.07	0.05	10	3	40	5.0	
S	L42E 4850N	2	160	1	106	0.2	185	17	1004	5.22	2	ND	ND	36	1	2	2	183	0.88	0.15	1	140	4.40	128	0.28	3.78	0.07	0.24	14	4	10	5.7	
S	L42E 4875N	4	167	1	97	0.2	149	17	1773	5.47	2	ND	ND	55	1	2	2	172	0.37	0.14	1	112	3.62	248	0.19	3.71	0.06	0.17	4	4	50	5.4	
S	L42E 4900N	2	153	1	96	0.2	104	25	1335	5.00	2	ND	ND	49	1	9	2	135	0.54	0.15	1	82	2.93	110	0.10	2.86	0.05	0.08	4	3	60	5.7	
S	L42E 4925N	3	261	6	95	0.2	115	18	1195	5.12	2	ND	ND	48	1	5	2	146	0.50	0.14	1	86	3.17	161	0.10	3.43	0.07	0.05	4	3	50	5.4	
S	L42E 4950N	2	129	1	103	0.1	124	22	1316	4.99	2	ND	ND	41	1	2	2	143	0.40	0.14	1	89	3.18	111	0.12	3.08	0.06	0.06	1	3	40	5.0	
S	L42E 4975N	1	102	1	87	0.2	45	21	495	5.23	3	ND	ND	27	1	2	2	139	0.30	0.10	1	59	2.24	89	0.20	2.53	0.05	0.25	3	3	5	5.2	
S	L42E 6025N	2	208	1	122	0.2	116	21	831	4.76	2	ND	ND	48	1	9	2	136	0.65	0.11	2	94	2.88	155	0.10	2.83	0.07	0.07	5	3	40	6.1	
S	L42E 6050N	2	78	1	78	0.1	58	27	822	5.58	4	ND	ND	57	1	6	2	169	0.44	0.07	3	80	2.37	94	0.14	2.56	0.05	0.08	3	3	10	5.6	
S	L42E 6075N	6	738	1	163	0.1	88	70	687	9.45	9	ND	ND	23	2	10	2	200	0.17	0.09	1	94	3.97	270	0.32	4.44	0.08	0.80	8	4	10	4.9	
S	L42E 6100N	2	159	1	102	0.1	50	24	572	5.56	5	ND	ND	51	1	7	2	169	0.40	0.11	1	72	2.21	114	0.21	2.61	0.06	0.16	4	3	5	5.1	
S	L42E 6125N	2	152	1	109	0.1	61	33	642	6.88	6	ND	ND	80	1	3	2	188	0.35	0.10	1	101	2.10	92	0.20	2.68	0.06	0.06	4	4	5	5.2	
S	L42E 6150N	1	74	1	86	0.3	39	27	773	5.59	5	ND	ND	73	1	2	2	177	0.20	0.10	1	62	1.60	90	0.16	2.19	0.05	0.06	1	3	20	4.6	
S	L42E 6175N	2	104	1	78	0.3	38	25	466	5.92	8	ND	ND	67	1	2	2	187	0.24	0.10	1	57	1.71	71	0.18	2.41	0.05	0.07	1	3	5	4.8	
S	L42E 6200N	15	326	1	109	0.1	62	44	1420	7.15	10	ND	ND	64	1	2	2	190	0.43	0.16	1	66	2.05	196	0.16	2.81	0.06	0.17	7	4	60	5.0	
S	L42E 6225N	6	159	1	98	0.2	58	27	698	5.83	6	ND	ND	59	1	2	2	175	0.29	0.11	1	69	1.93	85	0.17	2.63	0.06	0.09	3	3	50	5.0	
S	L42E 6250N	3	107	4	70	0.4	50	23	427	4.67	6	ND	ND	59	1	5	2	154	0.23	0.07	1	63	1.71	68	0.16	2.29	0.05	0.06	2	3	30	4.9	
S	L42E 6275N	3	88	5	102	0.1	54	19	514	4.92	2	ND	ND	55	1	2	3	129	0.24	0.10	3	66	1.70	60	0.15	2.38	0.04	0.07	2	3	10	5.0	
S	L42E 6300N	4	274	9	110	0.1	68	33	770	5.58	3	ND	ND	45	1	2	2	147	0.40	0.11	5	72	2.54	131	0.22	2.95	0.06	0.28	10	3	10	5.0	
S	L42E 6325N	3	89	10	110	0.2	60	20	375	6.09	9	ND	ND	33	1	2	2	178	0.33	0.12	2	91	1.73	51	0.16	2.39	0.05	0.05	1	4	10	5.1	

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## CERTIFICATE OF ANALYSIS

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PRE FIX	SAMPLE NAME	PPM NO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	PPM W	PPM BE	PPM AU	PPB AA	PPB DH
S	L42E 6350N	2	133	6	93	0.1	75	33	988	4.99	2	ND	ND	15	1	8	2	135	0.34	0.09	1	121	3.01	69	0.15	2.59	0.05	0.13	7	3	30	5.4	
S	L42E 6375N	6	332	3	78	0.1	152	24	405	6.09	4	ND	ND	30	1	2	2	168	0.21	0.14	1	65	2.23	94	0.20	2.97	0.05	0.15	4	3	5	5.0	
S	L42E 6400N	3	63	6	76	0.1	87	19	543	5.41	5	ND	ND	21	1	2	2	137	0.17	0.12	1	64	1.73	106	0.20	2.37	0.04	0.08	2	3	5	4.5	
S	L42E 6425N	3	85	6	64	0.1	135	22	620	5.18	3	ND	ND	27	1	2	2	153	0.24	0.14	1	78	2.46	91	0.21	3.29	0.05	0.15	2	3	10	4.8	
S	L42E 6450N	3	101	5	78	0.1	74	18	506	5.30	4	ND	ND	35	1	2	2	140	0.25	0.13	2	65	1.71	58	0.24	2.51	0.06	0.06	1	3	5	4.8	
S	L42E 6475N	1	45	3	80	0.3	72	19	448	4.57	5	ND	ND	32	-1	2	2	118	0.32	0.13	1	61	1.72	91	0.21	2.95	0.05	0.07	1	2	30	4.8	
S	L42E 6500N	4	111	7	88	0.1	74	16	432	4.91	2	ND	ND	26	1	2	2	123	0.23	0.11	3	59	1.75	58	0.24	2.90	0.06	0.08	1	3	30	5.0	
S	L42E 6525N	5	149	1	89	0.2	101	25	446	5.74	9	ND	ND	14	1	2	2	174	0.17	0.14	3	74	2.30	38	0.20	3.03	0.05	0.07	10	3	210	4.6	
S	L42E 6550N	2	100	4	135	0.1	13	24	497	7.15	11	ND	ND	24	1	2	2	196	0.20	0.25	4	31	1.68	45	0.14	2.66	0.06	0.07	5	4	5	4.5	
S	L42E 6575N	4	661	11	92	0.3	147	81	736	5.87	9	ND	ND	29	1	2	2	127	0.37	0.12	5	98	2.49	87	0.17	2.76	0.07	0.29	10	3	80	5.1	
S	L42E 6600N	13	985	30	124	0.9	103	71	754	7.38	12	ND	ND	28	1	2	2	157	0.31	0.12	5	80	2.27	55	0.18	3.17	0.06	0.12	9	3	90	5.0	
S	L42E 6625N	3	290	5	86	0.2	42	29	296	6.38	17	ND	ND	25	1	2	2	167	0.26	0.14	2	57	1.39	33	0.18	2.35	0.05	0.05	4	3	110	4.8	
S	L42E 6650N	2	405	7	82	0.1	45	27	347	6.16	12	ND	ND	25	1	2	2	178	0.32	0.15	1	50	1.63	56	0.17	3.01	0.05	0.08	4	3	40	5.0	
S	L42E 6675N	2	203	6	70	0.1	37	19	373	5.46	12	ND	ND	32	1	2	2	130	0.30	0.12	1	54	1.39	44	0.16	3.03	0.04	0.05	3	3	20	4.9	
S	L42E 6700N	4	370	2	145	0.1	71	21	1466	7.12	4	ND	ND	24	1	2	2	156	0.35	0.12	3	76	2.03	493	0.13	3.93	0.07	0.08	10	3	260	5.1	
S	L42E 6725N	4	92	3	78	0.1	41	21	665	6.70	12	ND	ND	29	1	2	2	220	0.21	0.05	1	64	1.92	62	0.30	2.45	0.06	0.08	6	4	5	4.9	
S	L42E 6750N	4	233	2	125	0.1	62	42	1302	5.90	6	ND	ND	31	1	4	2	139	0.49	0.09	2	67	2.07	71	0.15	2.49	0.05	0.08	8	3	20	4.8	
S	L42E 6775N	2	158	16	100	0.1	38	22	377	4.79	11	ND	ND	23	1	2	2	123	0.31	0.09	3	63	1.37	56	0.21	1.72	0.05	0.13	5	3	140	4.3	
S	L42E 6800N	3	54	11	67	0.3	26	16	259	5.18	5	ND	ND	26	1	2	2	146	0.26	0.07	4	58	0.85	55	0.26	1.54	0.04	0.05	5	3	20	4.9	
S	L42E 6825N	4	65	14	81	0.3	32	21	375	5.26	15	ND	ND	25	1	2	13	149	0.27	0.07	5	61	0.95	67	0.19	1.76	0.05	0.07	9	3	50	4.8	
S	L42E 6850N	5	110	4	120	0.2	38	15	542	5.27	6	ND	ND	30	1	2	2	125	0.31	0.10	4	73	1.44	53	0.17	2.28	0.05	0.06	1	2	50	4.6	
S	L42E 6875N	3	45	14	92	0.3	32	15	498	5.59	9	ND	ND	26	1	2	4	175	0.27	0.13	3	67	1.28	43	0.22	2.14	0.05	0.06	8	3	10	4.6	
S	L42E 6900N	4	58	13	92	0.4	37	17	427	6.28	15	ND	ND	27	1	2	2	143	0.33	0.17	2	87	1.27	42	0.19	2.12	0.05	0.07	9	3	10	4.5	
S	L42E 6925N	4	31	17	65	0.2	32	12	531	5.74	9	ND	ND	29	1	2	2	182	0.30	0.14	1	72	1.01	37	0.30	1.74	0.05	0.06	6	3	10	4.7	
S	L42E 6950N	2	23	11	66	0.2	27	12	337	5.16	9	ND	ND	30	1	2	2	172	0.31	0.13	1	65	1.06	45	0.31	1.95	0.05	0.05	8	3	20	5.0	
S	L42E 6975N	5	65	14	60	0.2	35	17	415	4.49	8	ND	ND	35	1	2	2	126	0.35	0.06	2	68	1.26	41	0.28	2.03	0.05	0.04	5	2	20	4.8	
S	L42E 7000N	3	39	14	102	0.1	34	16	477	4.82	8	ND	ND	32	1	2	2	140	0.39	0.09	1	53	1.60	68	0.22	2.09	0.04	0.12	5	3	5	4.3	
S	L42E 7025N	8	282	3	84	0.2	42	30	586	4.85	10	ND	ND	37	1	2	2	117	0.67	0.10	3	83	1.37	83	0.18	1.92	0.05	0.14	7	2	40	6.0	
S	L42E 7050N	4	169	1	120	0.1	47	33	948	4.85	7	ND	ND	52	1	2	2	133	0.59	0.07	4	68	2.08	95	0.20	2.65	0.06	0.14	8	3	30	5.0	
S	L43E 4425N	3	279	5	150	0.1	28	20	2046	6.68	2	ND	ND	69	1	2	2	174	0.43	0.17	7	53	2.80	96	0.15	4.10	0.08	0.06	13	4	20	4.5	
S	L43E 4450N	3	331	7	141	0.1	36	20	891	5.73	2	ND	ND	48	1	2	2	133	0.34	0.12	6	60	1.89	58	0.16	3.22	0.07	0.05	7	3	60	4.9	
S	L43E 4475N	2	173	1	181	0.1	69	14	657	5.71	8	ND	ND	39	1	5	2	168	0.35	0.14	3	87	2.70	42	0.19	3.81	0.07	0.06	5	4	20	4.8	
S	L43E 4500N	3	254	38	162	0.2	72	23	1784	4.42	15	ND	ND	67	1	4	2	134	0.39	0.15	2	85	2.10	64	0.18	3.28	0.07	0.06	7	3	10	5.1	
S	L43E 4525N	2	190	13	137	0.1	26	24	2861	5.87	2	ND	ND	34	1	2	2	151	0.21	0.15	3	46	1.73	113	0.09	3.51	0.06	0.05	7	3	40	5.1	
S	L43E 4550N	2	37	1	67	0.1	28	16	524	3.93	4	ND	ND	21	1	2	2	112	0.17	0.09	1	36	1.99	27	0.14	2.86	0.04	0.04	3	2	60	4.7	
S	L43E 4575N	2	28	1	102	0.1	204	18	736	5.69	3	ND	ND	7	1	8	2	201	0.10	0.08	1	155	4.29	48	0.36	4.43	0.08	0.11	8	4	5	4.9	
S	L43E 4600N	3	40	7	93	0.1	78	17	601	4.76	8	ND	ND	22	1	4	2	150	0.18	0.10	3	106	2.18	52	0.16	2.68	0.04	0.05	1	3	50	4.7	
S	L43E 4625N	3	71	6	156	0.1	23	18	1520	6.26	6	ND	ND	21	1	2	2	144	0.12	0.12	6	51	1.18	76	0.11	2.88	0.05	0.06	1	3	40	4.8	
S	L43E 4650N	3	48	7	132	0.1	14	12	742	4.51	6	ND	ND	30	1	2	5	125	0.16	0.10	6	30	0.96	67	0.12	2.26	0.04	0.05	1	3	50	5.0	
S	L43E 4675N	3	192	3	139	0.1	21	29	2034	5.47	5	ND	ND	30	1	2	2	161	0.21	0.09	6	38	1.69	64	0.14	3.20	0.05	0.04	3	3	90	5.3	

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Page No.: 5

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% JI	% AL	% NA	% K	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L43E 4700N	1	76	5	112	0.1	28	15	501	5.71	6	ND	ND	45	1	2	2	163	0.25	0.08	4	47	1.57	87	0.21	3.14	0.05	0.02	1	3	60	5.2	
S	L43E 4725N	4	53	8	106	0.1	26	22	627	6.73	2	ND	ND	45	1	2	2	187	0.25	0.09	1	49	1.79	81	0.19	2.53	0.05	0.03	1	3	110	4.8	
S	L43E 4750N	2	39	5	79	0.2	23	10	469	4.64	2	ND	ND	36	1	2	2	143	0.23	0.13	1	42	1.23	58	0.15	2.21	0.04	0.03	1	3	60	4.7	
S	L43E 4775N	3	47	2	86	0.2	34	15	1055	4.39	2	ND	ND	32	1	2	8	139	0.20	0.15	1	52	1.51	62	0.14	2.47	0.04	0.05	4	3	25	4.9	
S	L43E 4800N	2	90	12	88	0.1	46	22	674	5.43	2	ND	ND	35	1	2	5	149	0.38	0.15	1	65	2.08	63	0.15	2.88	0.05	0.04	1	3	20	5.1	
S	L43E 4825N	2	55	11	88	0.1	34	12	526	3.94	5	ND	ND	28	1	2	2	126	0.18	0.06	1	49	1.40	53	0.19	2.28	0.04	0.03	1	3	15	4.9	
S	L43E 4850N	3	179	3	113	0.1	82	18	1609	4.81	2	ND	ND	44	1	2	2	143	0.75	0.15	6	116	2.27	147	0.12	3.77	0.07	0.09	10	3	20	6.0	
S	L43E 4875N	2	134	2	111	0.1	79	28	1335	5.08	2	ND	ND	30	1	4	2	155	0.37	0.11	4	92	2.28	104	0.13	2.86	0.06	0.07	4	3	60	5.7	
S	L43E 4900N	2	89	1	113	0.1	76	20	831	4.89	2	ND	ND	28	1	2	2	145	0.24	0.11	5	97	2.08	87	0.18	2.97	0.06	0.06	1	3	5	5.3	
S	L43E 4925N	3	322	4	141	0.1	130	23	1731	5.77	2	ND	ND	36	1	10	2	220	0.69	0.13	8	134	3.45	237	0.21	3.83	0.09	0.07	10	5	10	5.8	
S	L43E 4950N	5	255	9	90	0.2	90	20	573	3.98	5	ND	ND	41	1	3	2	125	0.73	0.08	7	80	1.56	214	0.20	2.06	0.06	0.06	12	2	30	6.4	
S	L43E 4975N	9	479	8	153	0.1	78	25	1078	5.23	2	ND	ND	44	1	4	2	171	0.78	0.12	7	93	1.99	170	0.12	2.76	0.07	0.07	21	4	30	6.4	
S	L43E 7000N	10	409	2	125	0.1	55	44	1199	4.84	4	ND	ND	91	2	6	2	120	1.58	0.17	3	63	1.62	130	0.11	1.90	0.07	0.18	15	2	40	6.8	
S	L43E 7025N	2	114	1	100	0.1	40	31	773	4.75	2	ND	ND	42	1	2	2	131	0.49	0.09	1	52	1.82	104	0.19	2.30	0.06	0.14	5	2	50	4.8	
S	L43E 7050N	5	87	3	75	0.1	23	22	545	3.43	4	ND	ND	60	1	2	2	83	0.91	0.11	1	35	1.10	81	0.13	1.58	0.04	0.08	4	2	60	6.0	
S	L43E 7075N	4	219	1	80	0.2	30	22	440	3.08	2	ND	ND	69	1	2	2	81	1.01	0.14	3	41	1.35	112	0.13	2.15	0.04	0.07	4	2	20	6.1	
S	L43E 7100N	21	161	4	98	0.1	29	38	2116	5.12	2	ND	ND	61	1	7	2	103	0.75	0.09	4	55	1.32	141	0.16	2.02	0.07	0.13	5	2	20	6.3	
S	L43E 7125N	10	42	1	108	0.1	22	19	370	5.93	8	ND	ND	29	1	2	2	215	0.40	0.04	3	52	1.17	81	0.65	2.01	0.07	0.08	7	4	10	4.8	
S	L43E 7150N	3	114	4	87	0.1	21	16	357	3.92	6	ND	ND	32	1	2	4	104	0.72	0.07	5	36	1.05	82	0.24	2.43	0.05	0.07	3	2	20	5.9	
S	L43E 7175N	7	48	13	125	0.1	51	16	386	4.46	9	ND	ND	37	1	3	9	143	0.74	0.06	6	53	1.41	115	0.35	2.06	0.06	0.13	8	3	5	5.8	
S	L43E 7200N	5	40	11	106	0.1	18	12	258	4.25	4	ND	ND	33	1	7	11	172	0.37	0.05	7	36	0.77	111	0.49	1.49	0.07	0.07	5	3	5	4.7	
S	L44E 4600N	3	153	14	139	0.1	42	23	1163	5.80	4	ND	ND	49	1	6	8	177	0.72	0.12	8	72	2.36	230	0.19	2.92	0.08	0.09	8	4	50	6.5	
S	L44E 4625N	3	102	22	119	0.1	47	18	1056	6.12	5	ND	ND	29	1	7	2	168	0.46	0.17	9	64	2.29	262	0.15	3.42	0.07	0.08	6	4	200	6.2	
S	L44E 4650N	4	42	10	115	0.2	17	14	560	4.98	15	ND	ND	27	1	4	2	134	0.20	0.17	6	36	1.11	50	0.17	2.39	0.06	0.06	2	3	10	4.8	
S	L44E 4675N	3	47	14	109	0.1	30	18	602	5.87	6	ND	ND	35	1	4	2	185	0.24	0.14	3	51	1.81	52	0.20	3.00	0.07	0.06	3	3	5	4.9	
S	L44E 4700N	3	66	9	128	0.1	31	21	1000	5.48	7	ND	ND	29	1	2	2	135	0.24	0.13	8	54	1.56	52	0.16	2.89	0.06	0.06	2	3	20	4.9	
S	L44E 4725N	3	72	15	93	0.1	42	16	540	5.25	8	ND	ND	27	1	2	2	138	0.24	0.14	4	100	1.75	48	0.13	2.86	0.05	0.05	5	3	25	4.9	
S	L44E 4750N	3	68	13	88	0.2	37	15	615	4.19	12	ND	ND	28	1	2	2	122	0.18	0.11	5	83	1.39	45	0.13	2.59	0.05	0.05	1	2	30	5.0	
S	L44E 4775N	2	149	11	97	0.2	57	17	438	4.58	2	ND	ND	30	1	4	2	128	0.33	0.13	6	98	2.07	56	0.15	3.28	0.06	0.06	5	3	60	5.0	
S	L44E 4800N	3	39	6	100	0.1	70	15	516	4.14	10	ND	ND	24	1	2	5	130	0.18	0.09	5	96	1.81	35	0.24	2.67	0.05	0.05	7	3	10	4.9	
S	L44E 4825N	2	44	3	101	0.1	74	17	673	4.06	2	ND	ND	27	1	2	2	130	0.20	0.08	5	101	1.79	43	0.24	2.62	0.05	0.06	1	3	5	5.0	
S	L44E 4850N	3	71	11	118	0.1	60	19	412	4.62	11	ND	ND	31	1	2	2	131	0.26	0.10	5	91	1.85	60	0.16	2.75	0.06	0.05	2	3	30	5.0	
S	L44E 4875N	2	691	6	110	0.1	97	28	868	5.34	2	ND	ND	40	1	3	2	150	0.59	0.21	5	122	2.45	89	0.17	3.17	0.05	0.08	6	3	60	6.0	
S	L44E 4900N	2	61	1	84	0.1	117	21	629	4.08	2	ND	ND	19	1	2	2	131	0.19	0.09	1	140	2.35	63	0.20	2.62	0.04	0.06	1	2	110	4.9	
S	L44E 4925N	3	137	1	86	0.1	107	25	1152	4.69	2	ND	ND	28	1	8	2	140	0.29	0.16	2	148	2.47	70	0.18	2.93	0.05	0.07	2	3	20	4.8	
S	L44E 4950N	5	141	1	92	0.3	84	21	839	4.07	2	ND	ND	29	1	6	2	124	0.31	0.10	5	173	1.90	66	0.17	2.40	0.05	0.11	3	3	60	5.1	
S	L44E 4975N	19	105	5	87	0.1	58	18	558	5.35	4	ND	ND	60	1	2	2	142	0.59	0.11	3	109	1.68	227	0.18	2.44	0.06	0.14	34	3	25	6.0	
S	L45E 4650N	4	302	51	135	2.4	134	34	1477	6.22	2	ND	ND	21	2	11	2	197	0.79	0.23	1	167	3.84	354	0.21	3.11	0.08	0.69	12	4	180	6.4	
S	L45E 4675N	5	508	28	103	1.9	123	34	1483	5.76	3	ND	ND	22	1	10	2	174	0.47	0.20	1	148	3.38	245	0.17	3.21	0.07	0.24	5	3	140	6.0	
S	L45E 4700N	5	114	6	70	0.3	29	23	869	4.94	6	ND	ND	38	1	2	2	112	0.28	0.14	2	68	1.47	67	0.09	2.89	0.06	0.06	1	2	40	6.0	

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# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
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To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91206  
Invoice: 20350  
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Page No.: 6

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AC	PPM NI	PPM CO	PPM Mn	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	PPM W	PPM BE	PPB AU	PPB AA	PPB DH
S	L45E 4725N	7	416	19	134	0.3	82	34	1989	6.42	2	ND	ND	52	2	10	2	201	0.80	0.14	2	138	3.65	267	0.19	3.80	0.08	0.13	9	4	200	6.4	
S	L45E 4750N	5	77	11	88	0.2	42	24	1147	5.11	6	ND	ND	51	1	2	2	148	0.70	0.15	1	96	1.75	206	0.12	2.56	0.06	0.07	6	3	50	6.3	
S	L45E 4775N	3	48	8	59	0.2	33	13	393	4.16	3	ND	ND	31	1	2	2	124	0.25	0.15	1	88	1.61	46	0.11	2.44	0.04	0.06	3	2	160	5.0	
S	L45E 4800N	4	58	15	59	0.7	39	18	603	4.95	2	ND	ND	27	1	2	2	143	0.22	0.16	1	108	1.55	46	0.12	2.37	0.05	0.05	1	3	30	4.8	
S	L45E 4825N	2	50	1	102	0.3	63	19	1238	5.78	3	ND	ND	10	1	8	2	204	0.12	0.11	1	151	3.19	42	0.27	3.57	0.08	0.11	1	4	10	4.8	
S	L45E 4850N	4	57	15	102	0.5	47	18	592	5.90	9	ND	ND	29	1	13	20	179	0.18	0.10	4	130	1.79	40	0.24	2.94	0.06	0.05	14	3	40	4.9	
S	L45E 4875N	6	51	16	106	0.5	52	19	959	5.60	9	ND	ND	28	1	5	11	150	0.17	0.13	7	112	1.45	57	0.18	2.52	0.06	0.05	9	3	5	4.8	
S	L45E 4900N	5	40	1	75	0.5	28	13	521	4.03	2	ND	ND	30	1	2	2	135	0.21	0.10	3	65	1.24	49	0.15	1.99	0.04	0.04	5	2	15	4.6	
S	L45E 4925N	6	56	1	67	0.5	41	14	536	5.11	4	ND	ND	31	1	2	2	145	0.25	0.13	1	82	1.59	67	0.16	2.88	0.05	0.06	12	3	50	4.9	
S	L45E 4950N	12	99	7	75	0.4	52	24	887	5.52	11	ND	ND	34	1	2	4	137	0.25	0.18	3	103	1.76	78	0.15	3.08	0.07	0.07	20	3	30	4.7	
S	L45E 4975N	21	175	3	44	0.3	59	18	436	4.48	5	ND	ND	38	1	2	2	96	0.28	0.16	2	89	1.55	74	0.10	2.79	0.05	0.08	46	2	35	4.9	
S	L47E 4475N	9	209	35	134	0.5	54	43	2244	7.53	2	ND	ND	34	2	16	5	235	0.60	0.28	3	97	3.31	302	0.17	3.36	0.08	0.26	23	5	210	5.7	
S	L47E 4500N	4	140	7	117	0.2	101	26	1502	6.70	2	ND	ND	18	2	19	4	255	0.45	0.13	2	184	4.13	229	0.29	3.91	0.09	0.68	13	5	30	5.9	
S	L47E 4525N	7	179	60	119	1.4	60	28	1634	6.41	9	ND	ND	15	2	15	8	188	0.25	0.13	3	99	2.57	255	0.15	3.03	0.07	0.24	15	4	290	5.9	
S	L47E 4550N	4	88	18	109	0.5	51	29	1215	5.18	2	ND	ND	32	1	5	2	149	0.31	0.17	1	84	2.40	109	0.11	2.92	0.05	0.10	4	3	50	5.8	
S	L47E 4575N	2	62	12	90	0.2	43	29	814	4.36	5	ND	ND	91	1	15	18	138	0.72	0.17	6	163	2.44	142	0.14	2.77	0.07	0.25	16	3	10	5.5	
S	L47E 4600N	11	253	67	186	1.2	60	38	2540	7.67	10	ND	ND	82	4	8	24	168	0.67	0.17	10	139	2.84	313	0.16	3.26	0.08	0.47	20	4	140	6.2	
S	L47E 4625N	4	300	23	120	0.5	93	58	1764	7.52	6	ND	ND	79	2	8	15	183	0.71	0.17	6	129	3.06	205	0.21	3.17	0.08	0.49	13	4	70	6.3	
S	L47E 4650N	3	229	11	144	0.3	102	39	1377	6.34	2	ND	ND	45	2	3	11	183	0.50	0.15	4	115	3.29	154	0.17	3.37	0.07	0.23	11	4	90	6.2	
S	L47E 4675N	3	152	20	117	0.2	101	35	1266	5.59	2	ND	ND	35	1	8	16	170	0.31	0.14	2	107	3.17	121	0.18	3.27	0.07	0.20	9	4	40	5.0	
S	L47E 4700N	6	187	40	118	0.3	64	36	976	6.36	11	ND	ND	29	1	8	14	174	0.31	0.18	2	72	2.30	108	0.18	2.92	0.07	0.21	17	4	30	6.0	
S	L47E 4725N	5	226	14	104	0.2	102	44	1229	7.54	9	ND	ND	36	2	2	26	244	0.27	0.13	1	98	2.68	105	0.31	3.10	0.08	0.26	12	5	20	5.2	
S	L47E 4750N	7	286	10	117	0.2	164	32	1234	7.15	2	ND	ND	25	3	14	13	252	0.59	0.17	3	158	4.11	348	0.31	3.80	0.07	0.98	19	5	30	5.5	
S	L47E 4775N	12	259	9	124	0.2	109	45	1336	7.87	6	ND	ND	65	2	6	23	226	0.54	0.19	3	106	3.31	284	0.27	3.41	0.07	0.79	20	5	50	5.4	
S	L47E 4800N	11	269	22	124	0.3	131	42	1243	6.94	8	ND	ND	58	3	11	28	221	0.64	0.15	4	130	3.56	228	0.25	3.52	0.07	0.67	24	5	30	5.5	
S	L47E 4825N	12	46	16	112	0.2	175	28	1047	5.59	2	ND	ND	20	1	14	2	201	0.70	0.14	3	212	4.31	200	0.28	3.33	0.07	1.03	14	4	5	5.3	
S	L47E 4850N	11	139	17	119	0.3	135	32	1028	5.93	3	ND	ND	32	1	6	2	198	0.69	0.13	5	146	3.57	111	0.24	3.24	0.08	0.20	20	4	20	5.5	
S	L47E 4875N	5	103	30	108	0.4	63	25	500	5.23	12	ND	ND	31	1	4	7	140	0.31	0.16	5	76	1.95	66	0.17	2.80	0.07	0.07	12	3	30	5.0	
S	L47E 4900N	7	67	24	106	0.6	52	24	908	5.99	9	ND	ND	33	1	2	2	154	0.32	0.17	4	79	1.94	70	0.17	2.89	0.07	0.07	14	3	15	4.9	
S	L47E 4925N	4	111	32	109	0.5	55	24	698	5.37	7	ND	ND	41	1	2	2	153	0.32	0.18	3	81	2.12	73	0.19	3.05	0.07	0.07	14	3	30	5.1	
S	L47E 4950N	9	48	17	71	0.4	40	14	363	3.95	10	ND	ND	41	1	5	6	130	0.27	0.13	3	70	1.45	77	0.16	2.44	0.06	0.05	22	3	30	4.9	
S	L47E 4975N	52	52	15	66	0.6	28	14	557	5.67	9	ND	ND	32	1	2	2	140	0.18	0.16	5	73	1.07	115	0.22	2.52	0.06	0.07	21	3	20	4.7	
S	L48E 5000N	48	59	15	79	0.4	28	12	437	5.18	7	ND	ND	31	1	2	2	127	0.17	0.10	5	71	0.90	87	0.19	2.27	0.05	0.06	17	2	10	4.8	
S	L48E 5025N	33	59	14	93	0.3	28	13	438	5.24	10	ND	ND	44	1	2	2	131	0.20	0.10	4	70	0.96	89	0.14	2.18	0.05	0.06	19	3	20	4.6	
S	L48E 5050N	46	65	17	66	0.2	30	13	342	5.37	12	ND	ND	35	1	2	4	133	0.20	0.10	7	111	1.05	100	0.17	2.54	0.05	0.06	24	3	30	4.8	
S	L48E 5075N	42	63	10	80	0.6	25	13	486	5.94	8	ND	ND	28	1	2	3	150	0.17	0.13	6	95	0.91	79	0.14	2.65	0.05	0.07	13	3	5	4.7	
S	L48E 5100N	35	60	9	65	0.2	20	10	401	4.92	5	ND	ND	33	1	2	2	134	0.18	0.10	6	70	0.82	85	0.19	2.59	0.03	0.07	16	3	5	5.0	
S	L48E 5125N	55	83	12	90	0.5	29	14	422	6.34	7	ND	ND	34	1	2	2	146	0.20	0.10	6	88	1.12	97	0.16	2.87	0.05	0.07	23	3	5	4.8	
S	L48E 5150N	35	51	9	49	0.5	14	9	189	5.04	5	ND	ND	31	1	2	2	170	0.17	0.08	4	59	0.55	83	0.24	1.70	0.04	0.06	14	3	20	4.6	
S	L48E 5175N	53	61	6	81	0.4	14	11	280	4.96	7	ND	ND	51	1	2	2	117	0.48	0.08	7	55	0.45	160	0.18	1.86	0.03	0.06	26	2	60	6.0	

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## CERTIFICATE OF ANALYSIS

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To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

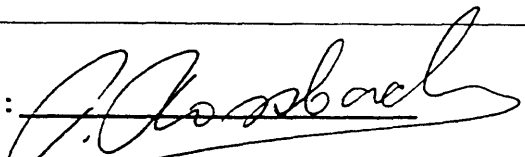
Project: 1384  
Type of Analysis: ICP

Certificate: 91206  
Invoice: 20350  
Date Entered: 91-08-15  
File Name: TEK91206.B  
Page No.: 7

200-

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM Mn	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	PPM W	PPM BE	PPM AU	PPM AA	PPB DH
S	L48E 5200N	53	63	10	49	0.4	19	11	271	5.05	10	ND	ND	30	1	2	2	134	0.19	0.08	3	61	0.71	89	0.16	2.04	0.04	0.05	35	3	5	4.8	
S	L48E 5225N	55	68	4	53	0.2	28	12	307	6.11	7	ND	ND	35	1	2	2	145	0.19	0.09	3	72	1.02	113	0.20	2.87	0.06	0.07	32	3	5	4.7	
S	L48E 5250N	61	198	17	53	0.2	35	23	665	6.85	3	ND	ND	54	1	2	2	136	0.70	0.12	5	65	1.38	133	0.18	3.11	0.06	0.07	98	3	20	5.8	
S	L48E 5275N	60	64	3	29	0.3	19	9	276	5.24	6	ND	ND	38	1	2	2	148	0.19	0.08	3	53	0.67	105	0.17	1.82	0.04	0.06	28	3	5	4.5	
S	L48E 5300N	49	64	6	81	0.2	23	13	314	6.55	11	ND	ND	27	1	2	2	146	0.16	0.08	5	82	0.94	75	0.21	2.26	0.05	0.07	17	3	60	4.5	
S	L48E 5325N	52	60	17	86	0.6	18	11	342	5.70	6	ND	ND	30	1	2	2	127	0.19	0.10	7	64	0.81	89	0.16	2.60	0.06	0.06	16	3	70	4.8	
S	L48E 5350N	55	71	5	119	0.2	22	12	275	5.81	7	ND	ND	31	1	2	2	136	0.20	0.07	6	60	0.92	96	0.21	2.76	0.06	0.06	14	3	5	4.7	
S	L48E 5375N	60	113	8	118	0.3	29	19	391	5.24	7	ND	ND	42	1	3	4	114	0.45	0.11	8	52	1.33	92	0.17	2.34	0.06	0.08	22	3	5	5.0	
S	L48E 5400N	54	98	6	81	0.1	22	13	256	4.84	9	ND	ND	33	1	2	2	74	0.28	0.10	16	52	0.83	92	0.10	3.30	0.06	0.06	13	2	20	5.0	
S	L48E 5425N	28	181	9	75	0.2	41	18	370	3.25	4	ND	ND	56	1	4	2	91	0.74	0.17	11	58	1.44	123	0.14	1.98	0.05	0.18	16	2	90	6.0	
S	L48E 5450N	27	160	2	76	0.1	47	29	700	5.04	4	ND	ND	52	1	2	2	119	0.64	0.18	6	82	1.65	110	0.16	1.96	0.06	0.17	16	2	20	6.1	
S	L48E 5475N	27	192	6	92	0.3	37	25	526	5.45	3	ND	ND	47	1	6	2	124	0.71	0.13	5	65	1.52	117	0.16	2.59	0.06	0.17	19	3	80	6.2	
S	L48E 5500N	11	118	8	84	0.2	49	26	526	6.25	6	ND	ND	41	1	4	6	157	0.37	0.15	2	75	1.65	64	0.15	2.62	0.07	0.06	31	3	300	4.8	
S	L48E 5525N	4	61	1	110	0.2	33	21	381	6.70	6	ND	ND	25	1	2	2	174	0.30	0.12	2	82	1.31	79	0.24	1.98	0.05	0.07	5	4	10	4.8	
S	L48E 5550N	8	117	1	104	0.1	42	21	580	4.77	3	ND	ND	33	1	2	2	115	0.59	0.07	4	86	1.49	98	0.13	2.16	0.04	0.06	10	2	20	6.2	
S	L48E 5575N	11	39	6	89	0.1	25	16	325	5.23	8	ND	ND	28	1	5	12	146	0.67	0.07	4	84	0.91	93	0.20	1.45	0.05	0.05	14	3	20	6.3	
S	L48E 5600N	11	57	2	102	0.1	32	17	344	5.19	11	ND	ND	30	1	2	2	156	0.33	0.10	4	88	1.16	73	0.26	1.77	0.05	0.06	9	3	20	4.8	
S	L48E 5625N	8	181	1	92	0.2	41	24	937	4.82	5	ND	ND	33	1	2	2	130	0.54	0.07	5	91	1.53	103	0.17	2.28	0.05	0.06	11	3	10	5.8	
S	L48E 5650N	9	57	4	65	0.1	32	19	396	5.34	8	ND	ND	28	1	2	3	143	0.39	0.09	2	83	1.30	112	0.18	1.82	0.04	0.05	8	3	10	5.0	
S	L48E 5675N	11	62	4	57	0.1	31	21	355	5.91	15	ND	ND	29	1	2	2	159	0.39	0.05	3	83	1.23	78	0.29	1.88	0.04	0.08	15	3	50	4.9	
S	L48E 5700N	4	516	1	103	0.5	26	22	1852	3.88	2	ND	ND	50	1	4	2	148	1.92	0.20	4	124	1.54	262	0.08	2.20	0.04	0.11	18	3	40	6.5	
S	L48E 5725N	4	23	5	40	0.1	15	11	277	4.15	8	ND	ND	23	1	2	3	142	0.22	0.05	1	55	0.57	46	0.29	0.97	0.03	0.04	6	3	10	4.6	
S	L48E 5750N	5	51	1	82	0.2	47	20	355	6.46	8	ND	ND	25	1	2	2	175	0.26	0.15	2	90	1.40	71	0.25	1.92	0.05	0.05	2	3	30	4.5	
S	L48E 5775N	3	53	1	98	0.2	44	21	362	6.40	8	ND	ND	23	1	2	2	166	0.33	0.15	3	88	1.44	66	0.25	2.16	0.05	0.07	5	3	50	5.2	
S	L48E 5800N	4	69	7	90	0.1	43	22	375	5.48	6	ND	ND	21	1	5	23	165	0.28	0.18	3	104	1.50	95	0.22	1.89	0.06	0.05	10	3	5	4.7	
S	L48E 5825N	2	59	5	65	0.1	42	22	327	4.97	9	ND	ND	22	1	8	12	146	0.21	0.06	3	94	1.34	39	0.23	1.75	0.05	0.05	2	3	10	4.8	
S	L48E 5850N	2	39	6	59	0.1	36	17	230	5.01	15	ND	ND	21	1	3	17	139	0.20	0.06	4	85	0.99	37	0.26	1.74	0.05	0.04	7	3	120	4.8	
S	L48E 5875N	3	50	4	78	0.2	55	21	380	6.22	8	ND	ND	20	1	3	4	165	0.19	0.14	3	89	1.63	42	0.28	2.45	0.05	0.06	8	3	50	4.9	
S	L48E 5900N	4	57	3	73	0.3	46	23	295	6.43	12	ND	ND	24	1	8	9	174	0.26	0.06	2	92	1.42	44	0.29	2.20	0.06	0.04	9	3	10	4.9	
S	L48E 5925N	2	29	1	73	0.1	33	20	619	6.13	7	ND	ND	23	1	3	2	175	0.28	0.08	2	92	1.10	59	0.36	1.68	0.05	0.09	4	3	20	5.2	
S	L48E 5950N	2	38	1	78	0.1	75	23	633	5.46	4	ND	ND	28	1	2	2	167	0.31	0.12	2	86	1.82	80	0.28	2.16	0.05	0.08	9	3	25	4.5	
S	L48E 5975N	5	61	3	62	0.1	45	21	295	5.30	11	ND	ND	26	1	2	4	162	0.42	0.05	1	90	1.40	31	0.30	1.72	0.06	0.05	5	3	30	5.2	
S	L48E 6000N	2	35	3	43	0.1	55	23	329	5.33	8	ND	ND	16	1	2	2	170	0.30	0.06	1	118	1.32	45	0.27	1.43	0.04	0.05	1	3	25	5.3	

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CERTIFIED BY: 

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

PO# 91101 1991

91212

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Certificate: 91212  
Invoice: 20351  
Date Entered: 91-08-17  
File Name: TEK912121  
Page No.: 1

Project: 1384  
Type of Analysis: ICP

200-

PRE FIX	SAMPLE NAME	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	AU	HG	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	AL	NA	K	SI	W	BE	AU	AA	PH
S	804 L43E 6025N	1	78	3	82	0.1	39	8	297	5.57	2	ND	ND	21	1	2	2	142	0.31	0.08	3	142	1.40	38	0.15	1.77	0.05	0.06	0.01	2	3	5	5.2	
S	L43E 6050N	1	81	4	116	0.3	33	3	462	6.72	3	ND	ND	50	1	2	2	210	0.27	0.08	3	145	1.32	81	0.29	2.48	0.06	0.06	0.01	1	4	5	5.2	
S	L43E 6075N	1	285	6	147	0.3	16	35	1160	7.32	2	ND	ND	195	1	2	2	245	0.83	0.14	4	73	1.51	76	0.19	2.89	0.09	0.06	0.01	1	5	100	5.4	
S	L43E 6100N	1	311	2	79	0.3	76	20	1112	4.86	6	ND	ND	248	1	2	2	140	1.48	0.16	3	152	2.06	98	0.16	3.96	0.07	0.18	0.07	1	3	5	5.5	
S	L43E 6125N	2	233	3	85	0.1	73	21	809	6.38	2	ND	ND	144	1	2	2	189	1.08	0.17	4	165	2.06	102	0.27	3.37	0.07	0.17	0.04	1	4	20	5.5	
S	L43E 6150N	1	167	4	92	0.2	29	22	864	5.56	3	ND	ND	162	1	2	2	173	0.56	0.13	3	85	1.17	117	0.09	2.23	0.07	0.08	0.01	1	4	5	4.6	
S	L43E 6175N	2	214	2	97	0.2	50	21	935	5.74	5	ND	ND	122	1	2	2	185	0.74	0.17	4	117	1.80	109	0.21	3.00	0.08	0.20	0.02	1	4	5	5.1	
S	L43E 6200N	3	137	8	92	0.1	64	21	565	5.47	2	ND	ND	83	1	2	2	173	0.47	0.13	3	141	1.68	83	0.21	2.63	0.06	0.12	0.01	1	4	5	5.0	
S	L43E 6225N	3	148	4	88	0.3	68	11	529	5.09	2	ND	ND	78	1	2	2	166	0.49	0.11	3	144	1.88	83	0.21	2.75	0.06	0.14	0.01	1	3	10	5.0	
S	L43E 6250N	4	129	3	86	0.3	68	15	459	5.24	6	ND	ND	64	1	2	2	175	0.34	0.09	3	156	1.91	75	0.20	2.58	0.06	0.09	0.01	1	4	25	4.9	
S	L43E 6275N	3	137	1	86	0.1	79	12	716	5.09	2	ND	ND	65	1	4	11	166	0.66	0.09	4	171	2.07	121	0.18	2.50	0.05	0.14	0.01	1	3	5	5.7	
S	L43E 6300N	4	64	9	60	0.2	52	6	280	4.30	3	ND	ND	41	1	2	18	147	0.28	0.09	5	126	1.20	68	0.18	1.86	0.05	0.05	0.01	1	3	20	4.9	
S	L43E 6325N	2	113	2	78	0.1	127	13	395	5.21	2	ND	ND	48	1	2	2	157	0.24	0.11	3	170	2.26	64	0.18	2.82	0.06	0.13	0.01	1	3	20	4.8	
S	L43E 6350N	2	188	1	76	0.1	140	8	425	5.93	2	ND	ND	32	1	3	2	168	0.23	0.11	3	184	2.36	66	0.21	3.26	0.06	0.15	0.01	1	4	30	4.8	
S	L43E 6375N	1	135	1	70	0.3	108	7	527	4.79	2	ND	ND	23	1	2	2	133	0.21	0.14	2	112	1.72	95	0.20	2.81	0.06	0.25	0.01	1	3	5	4.9	
S	L43E 6400N	2	114	8	50	0.3	114	9	327	3.70	4	ND	ND	23	1	5	11	117	0.24	0.08	3	129	1.91	68	0.20	2.67	0.05	0.12	0.01	1	3	45	4.7	
S	L43E 6425N	3	74	6	60	0.4	79	9	537	4.99	4	ND	ND	31	1	2	2	137	0.30	0.16	3	128	1.62	57	0.21	2.46	0.06	0.08	0.01	1	3	10	4.5	
S	L43E 6450N	3	156	6	76	0.2	121	23	609	5.12	9	ND	ND	32	1	8	20	137	0.38	0.15	5	179	2.41	76	0.19	3.14	0.09	0.14	0.01	1	3	20	5.0	
S	L43E 6475N	4	174	3	70	0.2	128	18	513	5.17	9	ND	ND	31	1	9	19	143	0.35	0.11	4	170	2.26	71	0.20	3.21	0.07	0.13	0.01	1	3	50	4.7	
S	L43E 6500N	3	102	9	82	0.1	184	9	458	5.12	9	ND	ND	20	1	7	19	146	0.23	0.10	4	239	2.92	46	0.22	3.29	0.08	0.13	0.01	1	3	20	4.9	
S	L43E 6525N	3	220	4	88	0.2	208	21	553	5.27	5	ND	ND	21	1	4	2	145	0.24	0.10	3	261	3.23	71	0.19	3.41	0.07	0.29	0.01	1	3	50	4.8	
S	L43E 6550N	3	220	9	72	0.4	137	19	525	5.75	3	ND	ND	23	1	7	11	162	0.31	0.15	4	185	2.27	80	0.17	2.79	0.07	0.16	0.01	1	3	20	4.8	
S	L43E 6575N	10	1004	28	182	0.9	325	65	470	9.17	2	ND	ND	17	1	2	2	258	0.18	0.24	4	136	2.55	102	0.20	3.40	0.08	0.23	0.01	7	5	230	5.2	
S	L43E 6600N	3	230	1	49	1.0	56	27	253	6.45	2	ND	ND	34	1	5	2	228	0.24	0.18	2	67	1.40	51	0.24	2.29	0.05	0.11	0.01	1	4	20	4.4	
S	L43E 6625N	4	1156	5	90	0.8	87	35	398	6.36	2	ND	ND	32	1	2	18	210	0.29	0.14	4	116	1.86	77	0.22	2.66	0.06	0.27	0.01	7	4	70	4.8	
S	L43E 6650N	4	1000	5	72	0.6	61	51	589	7.30	9	ND	ND	24	1	2	19	213	0.38	0.19	5	128	1.64	80	0.19	2.23	0.06	0.21	0.01	6	4	50	4.9	
S	L43E 6675N	2	296	12	43	0.4	36	19	386	6.69	5	ND	ND	23	1	2	3	152	0.32	0.15	4	142	1.14	50	0.19	2.54	0.06	0.08	0.02	1	3	70	4.8	
S	L43E 6700N	2	64	1	34	0.5	34	6	262	5.92	3	ND	ND	21	1	2	11	202	0.22	0.05	3	126	0.92	47	0.33	1.75	0.05	0.08	0.01	4	4	20	4.7	
S	L43E 6725N	4	219	4	70	0.4	56	15	512	7.58	4	ND	ND	32	1	2	11	189	0.42	0.19	4	138	1.88	52	0.23	2.87	0.07	0.08	0.01	5	4	10	4.3	
S	L43E 6750N	6	559	8	82	0.6	62	42	1118	6.73	2	ND	ND	42	1	2	7	140	1.01	0.24	7	121	1.86	142	0.16	2.17	0.07	0.28	0.01	15	3	30	6.1	
S	L43E 6775N	8	176	2	30	0.1	47	21	420	5.48	2	ND	ND	28	1	2	2	130	0.47	0.06	2	148	1.18	55	0.19	1.51	0.04	0.17	0.01	3	2	20	4.7	
S	L43E 6800N	2	243	1	39	0.2	53	22	392	6.38	2	ND	ND	19	1	2	2	234	0.25	0.10	2	128	1.42	60	0.21	2.46	0.05	0.10	0.01	1	5	20	4.5	
S	L43E 6825N	4	298	1	60	0.4	50	13	370	7.36	2	ND	ND	23	1	2	2	247	0.30	0.13	2	102	1.54	65	0.23	2.81	0.05	0.14	0.01	1	5	10	4.7	
S	L43E 6850N	9	420	8	74	0.3	58	30	494	6.38	3	ND	ND	38	1	2	2	197	0.92	0.17	4	108	1.84	101	0.18	2.37	0.06	0.22	0.01	10	4	30	6.5	
S	L43E 6875N	3	86	1	56	0.1	33	5	462	6.30	2	ND	ND	25	1	2	2	152	0.36	0.16	3	112	1.13	57	0.13	2.14	0.05	0.13	0.01	2	3	20	4.8	
S	L43E 6900N	3	85	1	42	0.5	27	6	290	4.59	2	ND	ND	23	1	2	2	142	0.22	0.11	2	87	0.92	54	0.08	1.61	0.03	0.08	0.01	1	3	50	4.5	
S	L43E 6925N	5	101	9	86	0.2	59	16	631	6.73	5	ND	ND	23	1	2	2	192	0.34	0.24	4	142	1.86	67	0.17	2.22	0.06	0.08	0.01	1	4	50	4.2	
S	L43E 6950N	3	53	8	49	0.3	41	10	358	5.43	6	ND	ND	24	1	2	2	167	0.27	0.11	3	112	1.21	44	0.15	1.75	0.04	0.07	0.01	1	3	40	4.1	
S	L43E 6975N	6	80	1	64	0.2	39	12																										

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
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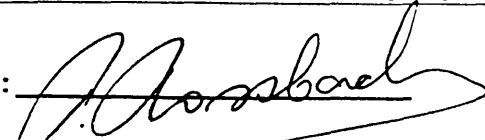
To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91212  
Invoice: 20351  
Date Entered: 91-08-17  
File Name: TEK91212.I  
Page No.: 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPB DH
S	L43E 7250N	4	145	2	96	0.1	24	18	592	5.41	6	ND	ND	36	1	2	2	146	0.69	0.08	2	114	1.39	81	0.33	2.35	0.06	0.08	0.01	1	3	10	5.6	
S	L43E 7275N	7	56	5	108	0.5	73	10	494	5.20	3	ND	ND	47	1	2	2	137	0.84	0.08	4	147	1.22	140	0.29	2.28	0.06	0.10	0.01	1	3	5	5.8	
S	L43E 7300N	4	74	9	89	0.3	21	5	448	5.20	2	ND	ND	45	1	2	2	128	0.94	0.10	6	158	1.07	204	0.20	2.86	0.06	0.09	0.02	1	3	5	6.0	
S	L43E 7325N	1	42	3	86	0.2	16	4	360	5.35	3	ND	ND	28	1	2	2	145	0.36	0.10	1	196	0.95	91	0.26	2.57	0.04	0.07	0.01	1	3	5	4.6	
S	L43E 7350N	2	31	1	79	0.1	15	5	365	5.00	2	ND	ND	31	1	2	2	160	0.36	0.07	1	193	0.91	83	0.40	1.70	0.05	0.07	0.01	1	3	10	4.4	
S	L43E 7375N	2	41	4	105	0.2	18	6	456	5.75	2	ND	ND	31	1	2	2	168	0.39	0.10	2	186	1.12	92	0.37	2.55	0.06	0.09	0.01	1	3	5	4.7	
S	L43E 7400N	2	36	4	78	0.1	19	2	377	5.04	3	ND	ND	28	1	2	2	152	0.37	0.13	2	186	1.01	94	0.29	2.11	0.05	0.09	0.01	1	3	5	4.6	
S	L43E 7425N	2	23	3	66	0.1	13	6	359	4.77	2	ND	ND	28	1	2	2	140	0.38	0.11	1	185	1.02	78	0.35	1.64	0.04	0.09	0.01	1	3	100	4.3	
S	L43E 7450N	2	63	2	86	0.1	21	4	481	4.43	2	ND	ND	35	1	2	2	126	0.48	0.13	1	204	1.22	94	0.23	2.02	0.05	0.08	0.01	1	3	10	4.6	
S	L43E 7475N	2	40	1	78	0.1	18	4	377	5.04	2	ND	ND	39	1	2	2	167	0.50	0.07	2	215	1.00	107	0.40	1.84	0.06	0.09	0.01	1	3	10	4.8	
S	L43E 7500N	3	52	12	91	0.1	25	8	436	5.14	6	ND	ND	39	1	2	2	156	0.53	0.12	4	208	1.08	96	0.31	2.04	0.06	0.08	0.01	3	3	10	4.5	
S	L44E 6025N	1	54	3	84	0.2	57	8	453	4.23	2	ND	ND	49	1	2	2	141	0.39	0.10	3	380	1.41	100	0.12	1.98	0.05	0.08	0.01	1	3	5	4.9	
S	L44E 6050N	1	153	1	86	0.1	133	13	751	5.81	2	ND	ND	45	1	2	2	185	0.51	0.09	3	437	2.92	96	0.24	2.89	0.06	0.43	0.01	1	4	5	5.3	
S	L44E 6075N	1	146	3	98	0.1	185	7	993	5.71	3	ND	ND	60	1	6	2	224	0.44	0.12	4	362	3.85	282	0.35	4.01	0.08	1.33	0.01	5	5	5	5.3	
S	L44E 6100N	1	170	4	103	0.1	196	11	1538	5.68	2	ND	ND	40	1	5	2	219	0.71	0.12	5	316	3.89	277	0.31	3.66	0.07	1.63	0.02	2	5	5	5.4	
S	L44E 6125N	2	173	6	81	0.1	148	13	1000	5.56	6	ND	ND	53	1	5	2	184	0.78	0.14	5	267	3.29	193	0.29	3.11	0.08	1.17	0.01	8	4	5	5.6	
S	L44E 6150N	1	208	2	90	0.1	139	12	1111	5.84	2	ND	ND	87	1	3	2	201	0.72	0.13	4	218	3.24	160	0.28	3.80	0.08	0.51	0.03	3	4	10	5.6	
S	L44E 6175N	2	133	5	62	0.1	94	16	574	5.20	6	ND	ND	57	1	5	2	141	0.51	0.13	4	173	1.94	105	0.20	2.68	0.07	0.14	0.01	7	3	5	5.0	
S	L44E 6200N	2	143	2	69	0.1	79	27	726	5.74	2	ND	ND	71	1	2	2	151	0.46	0.15	3	176	1.95	107	0.18	2.50	0.06	0.18	0.01	2	3	10	5.0	
S	L44E 6225N	3	80	1	80	0.1	62	14	394	3.83	2	ND	ND	61	1	5	2	122	0.34	0.07	2	421	1.65	90	0.19	2.19	0.06	0.13	0.01	2	3	10	4.8	
S	L44E 6250N	5	255	1	115	0.2	99	21	919	5.05	2	ND	ND	103	1	6	2	147	0.78	0.13	3	531	2.12	147	0.19	3.43	0.07	0.23	0.02	1	3	5	5.1	
S	L44E 6275N	5	227	7	126	0.1	100	24	977	5.54	2	ND	ND	84	1	2	2	167	0.59	0.12	3	699	2.31	121	0.21	3.09	0.08	0.24	0.02	5	4	10	5.1	
S	L44E 6300N	3	107	1	77	0.1	86	15	507	4.46	3	ND	ND	42	1	2	2	126	0.29	0.12	2	694	1.60	73	0.11	1.97	0.06	0.06	0.01	1	3	5	4.5	
S	L44E 6325N	3	48	2	62	0.4	202	12	289	3.31	2	ND	ND	16	1	2	2	97	0.18	0.07	2	709	2.44	42	0.13	2.33	0.06	0.07	0.01	1	2	30	5.0	
S	L44E 6350N	4	112	3	62	0.5	85	8	330	5.00	6	ND	ND	21	1	2	2	142	0.20	0.11	3	619	1.07	51	0.17	2.03	0.06	0.05	0.01	1	3	5	4.8	
S	L44E 6375N	4	414	6	100	0.2	106	14	466	6.03	7	ND	ND	34	1	5	2	155	0.36	0.12	3	657	1.89	78	0.22	3.71	0.07	0.09	0.02	8	3	5	5.4	
S	L44E 6400N	5	112	8	78	0.1	103	9	417	4.86	2	ND	ND	16	1	2	2	112	0.20	0.10	4	494	1.70	61	0.11	2.81	0.06	0.10	0.01	1	2	30	4.7	
S	L44E 6425N	3	136	1	92	0.9	208	6	545	4.83	4	ND	ND	12	1	2	2	168	0.13	0.07	3	599	2.98	125	0.26	3.17	0.07	0.52	0.01	5	4	5	4.7	
S	L44E 6450N	13	551	9	296	0.1	178	10	677	6.79	3	ND	ND	12	2	2	9	212	0.17	0.13	2	376	2.73	227	0.26	3.43	0.08	0.78	0.01	3	4	340	4.7	
S	L44E 6475N	1	128	2	46	0.2	158	8	280	3.25	2	ND	ND	11	1	2	2	120	0.17	0.06	1	257	1.93	99	0.18	2.26	0.04	0.24	0.01	1	2	5	4.8	
S	L44E 6500N	3	166	3	65	0.3	76	20	1020	5.64	4	ND	ND	22	1	2	2	159	0.27	0.18	2	232	1.52	58	0.13	2.13	0.05	0.09	0.01	4	3	5	5.0	
S	L44E 6525N	1	67	2	60	0.2	78	12	330	4.66	2	ND	ND	22	1	2	2	147	0.19	0.06	1	404	1.53	44	0.22	2.05	0.04	0.10	0.01	1	3	10	5.0	
S	L44E 6550N	2	87	1	48	0.4	73	11	301	4.55	2	ND	ND	28	1	2	2	133	0.29	0.08	1	393	1.50	47	0.18	2.16	0.04	0.07	0.01	6	2	20	4.4	
S	L44E 6575N	2	103	5	50	0.2	74	12	310	5.23	2	ND	ND	23	1	2	2	138	0.26	0.09	2	469	1.48	39	0.20	2.52	0.04	0.07	0.01	1	3	20	4.4	
S	L44E 6600N	5	183	6	42	0.5	116	14	202	4.36	4	ND	ND	15	1	2	2	123	0.13	0.09	1	469	1.32	54	0.19	2.21	0.04	0.08	0.01	1	2	5	4.7	
S	L44E 6625N	2	955	11	157	0.3	157	44	606	9.40	2	ND	ND	13	1	2	2	360	0.19	0.10	1	328	2.89	165	0.31	3.60	0.08	1.06	0.01	1	7	45	4.8	
S	L44E 6650N	2	262	6	100	0.2	48	16	353	6.92	7	ND	ND	22	1	2	2	222	0.24	0.09	2	448	1.49	45	0.25	2.22	0.07	0.09	0.01	3	5	20	4.6	
S	L44E 6675N	2	102	2	92	0.2	65	14	328	6.80	4	ND	ND	22	1	2	2	218	0.25	0.12	2	479	1.54	47	0.25	2.19	0.06	0.08	0.01	4	4	200	4.6	
S	L44E 6700N	4	132	1	62	0.3	35	13	325	5.22	6	ND	ND	25	1	2	2	129	0.31	0.06	2	345	1.07	39	0.22	2.48	0.04	0.06	0.02	4	3	5	4.7	
S	L44E 6725N	5	293	25	1151	0.2	50	29	698	5.72	5	ND	ND	30	6	2	2	134	0.43	0.08	4	333	1.31	63	0.17	2.02	0.06	0.06	0.01	13	3	30	5.2	

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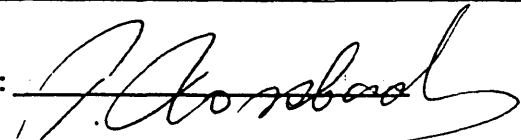
To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91212  
Invoice: 20351  
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File Name: TEK91212.I  
Page No.: 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CD	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L44E 6750N	2	60	11	80	0.3	33	14	290	5.29	5	ND	ND	22	1	2	2	180	0.27	0.06	3	240	0.74	75	0.25	1.32	0.05	0.07	0.01	1	3	35	4.5	
S	L44E 6775N	2	52	2	46	0.3	30	10	158	3.91	8	ND	ND	23	1	2	2	128	0.22	0.05	2	175	0.61	42	0.18	1.01	0.04	0.06	0.01	1	2	20	4.5	
S	L44E 6800N	2	66	1	74	0.4	39	15	387	5.80	6	ND	ND	24	1	2	2	191	0.27	0.17	3	300	1.09	64	0.21	1.68	0.06	0.07	0.01	2	4	5	4.5	
S	L44E 6825N	5	70	10	84	0.4	53	18	511	5.44	12	ND	ND	25	1	5	10	173	0.33	0.11	4	351	1.33	59	0.27	1.91	0.07	0.07	0.01	12	4	10	4.3	
S	L44E 6850N	8	214	10	102	0.2	51	33	940	6.06	6	ND	ND	26	1	2	2	148	0.40	0.10	4	328	1.22	75	0.18	1.06	0.06	0.07	0.01	10	3	20	4.8	
S	L44E 6875N	5	155	10	109	0.1	64	19	521	7.35	9	ND	ND	21	1	2	2	210	0.32	0.25	3	188	1.54	82	0.16	2.08	0.07	0.11	0.01	7	4	30	4.5	
S	L44E 6900N	3	129	1	126	0.5	46	17	666	7.95	2	ND	ND	15	1	2	2	208	0.32	0.14	3	308	1.45	78	0.20	2.36	0.07	0.20	0.01	4	4	10	4.8	
S	L44E 6925N	2	80	1	95	0.1	37	14	451	6.58	6	ND	ND	20	1	2	2	205	0.31	0.16	3	279	1.49	52	0.22	2.30	0.06	0.09	0.01	3	4	5	4.6	
S	L44E 6950N	1	80	1	79	0.1	42	17	441	6.08	2	ND	ND	33	1	2	2	194	0.29	0.19	2	242	1.33	73	0.16	1.73	0.05	0.08	0.01	6	4	5	4.6	
S	L44E 6975N	4	299	1	86	0.2	51	25	548	6.43	2	ND	ND	33	1	2	2	168	0.59	0.13	4	226	1.52	58	0.18	2.20	0.06	0.13	0.01	7	3	10	5.5	
S	L44E 7000N	6	123	10	95	0.1	49	33	953	5.31	7	ND	ND	50	1	2	4	160	0.63	0.10	4	165	1.79	87	0.21	2.20	0.06	0.13	0.01	16	3	60	4.2	
S	L44E 7025N	4	93	9	84	0.1	38	32	777	3.61	4	ND	ND	43	1	2	15	95	0.72	0.09	4	116	1.30	83	0.16	1.52	0.06	0.17	0.01	16	2	10	5.5	
S	L45E 6025N	3	100	5	95	0.1	96	24	446	5.54	9	ND	ND	54	1	5	7	176	0.44	0.10	4	306	2.09	108	0.23	2.25	0.06	0.15	0.01	17	4	10	4.5	
S	L45E 6050N	3	377	3	101	0.1	78	32	794	6.62	2	ND	ND	19	1	4	2	303	0.86	0.08	3	326	3.67	118	0.28	3.07	0.08	1.36	0.01	21	6	5	6.2	
S	L45E 6075N	2	216	1	128	0.1	104	31	1224	7.24	2	ND	ND	16	1	8	6	315	0.47	0.07	3	288	4.33	166	0.34	3.49	0.08	0.98	0.01	16	6	5	5.4	
S	L45E 6100N	5	293	17	132	0.1	68	52	616	8.85	10	ND	ND	48	1	2	2	273	0.27	0.11	5	185	1.43	86	0.19	2.22	0.06	0.08	0.01	16	5	10	5.0	
S	L45E 6125N	5	198	11	101	0.1	138	27	521	5.63	11	ND	ND	55	1	6	8	174	0.45	0.11	5	250	2.05	123	0.21	2.71	0.07	0.24	0.01	13	4	50	5.4	
S	L45E 6150N	6	128	13	72	0.2	104	28	374	5.69	7	ND	ND	79	1	3	2	159	0.42	0.11	4	209	1.55	142	0.17	2.20	0.06	0.10	0.01	13	3	10	5.0	
S	L45E 6175N	3	85	2	72	0.2	70	21	362	4.54	6	ND	ND	77	1	2	2	143	0.40	0.08	2	233	1.37	146	0.19	1.99	0.06	0.09	0.01	7	3	5	4.9	
S	L45E 6200N	4	92	3	74	0.3	75	21	394	4.30	3	ND	ND	71	1	2	2	141	0.40	0.08	3	259	1.59	171	0.21	2.30	0.06	0.12	0.01	6	3	5	5.0	
S	L45E 6225N	7	349	11	108	0.3	118	61	1061	5.84	2	ND	ND	127	1	2	2	198	0.68	0.11	3	326	2.68	318	0.26	3.28	0.08	0.71	0.01	11	4	5	5.0	
S	L45E 6250N	7	280	12	92	0.1	104	30	977	4.99	2	ND	ND	119	1	2	2	169	0.66	0.10	3	263	2.62	303	0.20	2.95	0.06	0.62	0.01	9	3	5	5.3	
S	L45E 6275N	4	117	21	102	0.03	259	27	696	4.89	3	ND	ND	25	1	5	2	176	0.27	0.08	2	577	3.81	145	0.18	3.01	0.06	0.38	0.01	11	4	5	4.7	
S	L45E 6300N	4	92	6	88	0.1	250	25	487	4.59	2	ND	ND	32	1	6	2	155	0.34	0.10	2	480	3.34	96	0.15	2.91	0.06	0.12	0.01	7	3	5	4.7	
S	L45E 6325N	2	379	2	175	1.0	371	63	1777	6.26	2	ND	ND	8	1	5	2	231	0.16	0.11	2	858	5.46	135	0.19	4.17	0.08	0.65	0.01	23	5	200	4.9	
S	L45E 6350N	9	291	3	136	0.3	237	26	706	5.10	4	ND	ND	10	1	2	2	175	0.24	0.09	2	494	4.00	186	0.29	3.15	0.08	1.39	0.01	13	4	10	4.8	
S	L45E 6375N	1	79	5	70	0.2	65	21	852	3.07	2	ND	ND	51	1	2	2	101	0.42	0.08	3	201	1.24	156	0.19	1.76	0.05	0.14	0.01	4	2	5	5.4	
S	L45E 6400N	6	310	4	95	0.6	101	22	443	6.15	5	ND	ND	25	1	2	2	153	0.24	0.11	3	225	1.75	56	0.16	2.45	0.05	0.07	0.01	3	3	50	4.8	
S	L45E 6425N	5	1354	11	131	1.3	62	30	752	5.82	11	ND	ND	12	1	2	2	158	0.20	0.15	4	117	1.91	55	0.13	2.94	0.06	0.09	0.02	12	3	50	4.8	
S	L45E 6450N	2	189	2	89	1.2	37	14	294	4.68	5	ND	ND	15	1	2	2	141	0.18	0.10	1	116	0.99	47	0.12	2.42	0.04	0.07	0.01	2	3	30	4.7	
S	L45E 6475N	2	196	9	77	0.6	53	21	316	6.09	5	ND	ND	23	1	2	2	165	0.24	0.11	1	173	1.27	36	0.13	1.95	0.04	0.06	0.01	4	3	15	4.4	
S	L45E 6500N	1	59	2	74	0.6	41	16	290	4.59	5	ND	ND	24	1	2	2	129	0.29	0.08	1	173	1.16	46	0.22	2.38	0.05	0.06	0.01	1	3	20	4.9	
S	L45E 6525N	1	58	3	70	0.6	54	18	268	5.15	2	ND	ND	22	1	2	2	139	0.25	0.08	2	179	1.15	42	0.23	2.06	0.04	0.07	0.01	1	3	90	4.9	
S	L45E 6550N	1	75	2	79	0.4	59	16	307	6.46	2	ND	ND	21	1	2	2	182	0.32	0.13	1	196	1.32	57	0.24	2.05	0.04	0.08	0.01	3	4	5	4.8	
S	L45E 6575N	2	169	1	80	0.6	64	17	312	6.01	2	ND	ND	22	1	2	2	176	0.23	0.07	1	180	1.27	46	0.26	2.14	0.05	0.07	0.01	1	3	10	4.9	
S	L45E 6600N	8	492	6	82	1.0	45	13	380	7.74	4	ND	ND	19	1	2	2	124	0.19	0.11	1	171	0.99	39	0.17	2.35	0.04	0.06	0.01	3	3	10	4.7	
S	L45E 6625N	2	74	11	74	0.6	35	15	221	5.54	4	ND	ND	23	1	2	2	197	0.23	0.06	2	145	0.87	34	0.26	1.68	0.04	0.05	0.01	6	4	20	5.0	
S	L45E 6650N	1	64	2	66	0.2	30	17	247	5.44	2	ND	ND	26	1	2	2	184	0.30	0.08	2	147	0.94	35	0.30	1.67	0.05	0.06	0.01	3	3	20	4.9	
S	L45E 6675N	2	108	6	73	0.2	40	23	322	6.53	5	ND	ND	28	1	2	2	168	0.38	0.10	2	186	1.09	51	0.27	1.98	0.06	0.08	0.01	4	3	20	4.8	
S	L45E 6700N	3	64	1	72	0.2	29	19	271	6.04	2	ND	ND	29	1	2	2	215	0.36	0.07	2	144	0.95	47	0.38	1.62	0.05	0.08	0.01	5	4	10	4.5	

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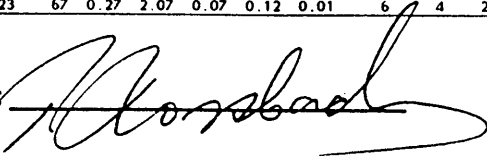
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Page No.: 4

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PRE FIX	SAMPLE NAME	PPM NO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AL	PPM HC	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AD	PPB AA	PPM DM
S	L45E 6725N	3	78	9	60	0.2	32	21	276	6.45	2	ND	ND	28	1	2	2	182	0.37	0.07	3	159	0.93	56	0.27	1.70	0.06	0.08	0.01	2	3	10	4.5	
S	L45E 6750N	3	92	2	62	0.4	37	22	324	6.55	4	ND	ND	20	1	2	2	213	0.27	0.08	2	161	0.92	68	0.23	2.35	0.05	0.09	0.01	1	4	5	4.8	
S	L45E 6775N	12	1078	5	113	0.3	101	46	1210	5.76	2	ND	ND	44	1	2	2	144	0.78	0.09	3	207	1.84	211	0.18	2.61	0.07	0.13	0.01	6	3	10	5.6	
S	L45E 6800N	17	364	16	100	0.2	73	26	915	6.06	2	ND	ND	35	1	2	2	144	0.59	0.09	3	232	1.37	70	0.19	2.23	0.05	0.08	0.01	8	3	20	5.1	
S	L45E 6825N	3	52	4	34	0.3	22	10	158	3.24	2	ND	ND	23	1	2	2	89	0.25	0.08	2	136	0.50	43	0.08	1.29	0.04	0.08	0.01	1	2	10	4.8	
S	L45E 6850N	19	124	24	169	0.3	38	24	1654	4.42	2	ND	ND	50	1	2	2	121	0.64	0.14	3	151	0.89	101	0.09	1.58	0.04	0.09	0.01	6	2	15	5.5	
S	L45E 6875N	3	33	9	62	0.1	27	17	229	3.47	2	ND	ND	23	1	2	11	123	0.31	0.06	4	97	0.82	54	0.21	1.29	0.05	0.07	0.01	3	3	40	4.4	
S	L45E 6900N	11	100	6	86	0.6	47	25	483	5.77	2	ND	ND	46	1	2	2	165	0.85	0.08	2	155	1.18	116	0.21	1.75	0.05	0.09	0.01	6	3	10	6.2	
S	L45E 6925N	5	832	29	186	0.8	80	51	837	6.68	2	ND	ND	50	1	2	2	162	0.99	0.11	4	218	1.64	151	0.19	1.97	0.04	0.30	0.02	10	3	70	6.5	
S	L45E 6950N	2	162	2	94	0.1	43	32	874	5.37	2	ND	ND	55	1	2	2	148	0.91	0.10	1	162	1.78	124	0.22	2.15	0.05	0.25	0.01	6	3	20	5.9	
S	L45E 6975N	3	133	6	82	0.1	39	37	961	4.67	2	ND	ND	61	1	2	2	124	1.16	0.10	1	140	1.54	121	0.17	1.89	0.05	0.27	0.01	9	2	40	5.9	
S	L46E 6025N	1	74	4	91	0.1	34	29	431	5.82	2	ND	ND	19	1	2	2	256	0.36	0.06	1	179	1.71	47	0.34	1.79	0.05	0.08	0.01	1	5	20	5.4	
S	L46E 6050N	1	144	7	77	0.1	97	31	698	5.18	3	ND	ND	8	1	2	2	168	0.36	0.04	1	572	2.89	59	0.25	2.38	0.05	0.64	0.01	6	3	5	5.4	
S	L46E 6075N	1	27	3	41	0.1	42	19	259	3.73	2	ND	ND	14	1	2	2	97	0.35	0.06	1	210	1.16	50	0.21	1.18	0.03	0.05	0.01	1	2	5	5.2	
S	L46E 6100N	1	118	4	106	0.1	65	35	420	6.77	2	ND	ND	17	1	2	2	212	0.25	0.04	1	343	1.92	55	0.25	2.11	0.05	0.09	0.01	3	4	5	4.8	
S	L46E 6125N	2	225	5	79	0.2	127	39	436	5.49	4	ND	ND	53	1	2	2	175	0.45	0.12	2	196	1.81	80	0.13	2.37	0.05	0.09	0.01	5	4	70	4.8	
S	L46E 6150N	1	89	2	66	0.1	56	33	357	5.59	2	ND	ND	32	1	2	2	162	0.34	0.09	1	229	1.46	71	0.22	1.90	0.05	0.09	0.01	4	3	5	4.9	
S	L46E 6175N	2	47	6	66	0.1	71	20	346	4.92	4	ND	ND	20	1	2	2	144	0.27	0.06	2	303	1.68	62	0.27	2.04	0.05	0.11	0.01	5	3	5	4.9	
S	L46E 6200N	4	91	1	59	0.2	50	23	351	5.59	3	ND	ND	17	1	2	2	159	0.26	0.06	2	259	1.17	52	0.30	1.40	0.05	0.06	0.01	5	3	10	4.6	
S	L46E 6225N	7	222	25	72	0.3	295	82	672	5.05	2	ND	ND	28	1	20	2	177	0.83	0.12	3	565	4.09	213	0.24	3.36	0.08	1.05	0.01	17	4	5	5.4	
S	L46E 6250N	4	47	16	56	0.2	86	22	338	4.19	12	ND	ND	36	1	6	12	144	0.34	0.07	3	239	1.61	75	0.24	1.97	0.06	0.07	0.01	12	3	5	4.6	
S	L46E 6275N	4	143	17	107	0.1	117	30	1093	6.30	6	ND	ND	25	1	9	2	246	0.41	0.10	4	391	3.07	276	0.34	3.20	0.08	1.32	0.01	18	5	5	5.2	
S	L46E 6300N	6	102	20	82	0.3	202	38	636	5.17	11	ND	ND	28	1	21	9	175	0.26	0.09	4	398	2.92	92	0.17	2.74	0.07	0.10	0.01	16	4	5	4.7	
S	L46E 6325N	6	101	22	58	0.6	127	17	285	3.77	9	ND	ND	24	1	11	12	126	0.25	0.06	4	194	1.80	51	0.21	2.12	0.06	0.07	0.01	13	3	5	4.6	
S	L46E 6350N	5	77	17	59	0.2	183	20	375	5.07	7	ND	ND	19	1	3	6	150	0.27	0.19	3	171	2.34	47	0.18	2.38	0.05	0.09	0.01	13	3	5	4.5	
S	L46E 6375N	5	147	34	73	1.0	104	19	487	5.68	5	ND	ND	19	1	9	3	169	0.23	0.08	6	241	1.66	82	0.16	2.32	0.06	0.08	0.01	14	3	10	4.5	
S	L46E 6400N	5	106	8	79	0.6	296	29	591	5.05	2	ND	ND	46	1	13	2	179	0.64	0.09	3	683	4.17	109	0.19	3.41	0.07	0.16	0.01	16	4	5	4.9	
S	L46E 6425N	5	122	1	62	0.1	277	29	565	4.41	2	ND	ND	40	1	3	2	154	0.55	0.10	2	611	3.95	172	0.20	3.09	0.06	0.28	0.01	14	3	5	4.8	
S	L46E 6450N	4	162	1	66	0.1	297	28	744	4.34	3	ND	ND	39	1	4	2	150	0.99	0.12	3	542	4.07	137	0.16	3.18	0.07	0.22	0.01	18	3	5	5.5	
S	L46E 6475N	4	192	8	70	0.3	297	30	656	4.97	2	ND	ND	35	1	5	2	180	1.03	0.10	3	585	4.22	114	0.19	3.38	0.07	0.13	0.01	16	4	5	6.5	
S	L46E 6500N	2	85	7	59	0.3	53	13	288	5.19	2	ND	ND	23	1	2	2	159	0.36	0.15	2	237	1.29	55	0.17	2.23	0.05	0.06	0.01	7	3	5	4.5	
S	L46E 6525N	3	36	7	46	0.2	34	13	231	4.47	9	ND	ND	28	1	2	11	155	0.34	0.06	3	202	0.85	44	0.31	1.58	0.05	0.05	0.01	13	3	10	4.8	
S	L46E 6550N	3	263	2	65	0.1	48	21	308	5.22	2	ND	ND	23	1	2	2	116	0.34	0.09	5	198	1.07	56	0.15	2.02	0.05	0.06	0.01	5	2	20	4.5	
S	L46E 6575N	3	78	11	58	0.3	32	15	241	5.91	7	ND	ND	19	1	2	2	176	0.23	0.12	9	176	0.86	70	0.21	1.72	0.05	0.06	0.01	4	3	10	4.3	
S	L46E 6600N	4	239	47	109	0.7	46	19	343	5.31	4	ND	ND	24	1	2	2	135	0.33	0.07	4	217	1.17	42	0.17	2.30	0.05	0.08	0.01	12	3	20	4.6	
S	L46E 6625N	9	373	439	572	0.8	77	33	701	6.57	12	ND	ND	26	4	12	15	160	0.41	0.10	5	267	1.81	55	0.16	3.15	0.07	0.08	0.01	26	4	30	4.8	
S	L46E 6650N	2	227	7	62	0.5	32	28	300	5.23	11	ND	ND	23	1	2	2	133	0.28	0.07	2	165	0.96	56	0.17	1.72	0.04	0.08	0.01	10	3	10	4.7	
S	L46E 6675N	4	82	1	49	0.3	36	24	317	5.91	3	ND	ND	19	1	2	2	157	0.26	0.05	2	179	1.06	48	0.29	1.63	0.04	0.08	0.01	4	3	20	4.4	
S	L46E 6700N	2	71	3	55	0.2	29	24	250	5.64	2	ND	ND	18	1	2	2	160	0.23	0.06	1	147	0.90	49	0.26	1.64	0.04	0.07	0.01	1	3	80	4.4	
S	L46E 6725N	3	91	2	70	0.1	55	20	323	6.32	2	ND	ND	20	1	2	2	183	0.28	0.10	2	195	1.23	67	0.27	2.07	0.07	0.12	0.01	6	4	20	4.1	

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# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

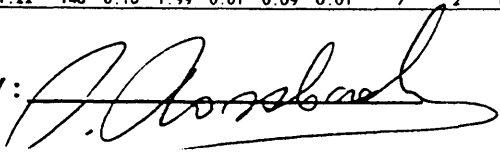
2225 Springer Ave., Burnaby,  
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To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91212  
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Date Entered: 91-08-17  
File Name: TEK91212.I  
Page No.: 5

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AC	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPB DH
S	L46E 6750N	1	80	2	52	0.6	27	16	268	6.26	3	ND	ND	17	1	2	2	176	0.23	0.15	1	154	0.86	62	0.17	2.00	0.04	0.07	0.01	1	3	60	4.3	
S	L46E 6775N	2	46	1	50	0.4	23	15	218	5.47	2	ND	ND	18	1	2	2	196	0.22	0.08	1	137	0.80	41	0.24	1.71	0.04	0.06	0.01	2	4	5	4.3	
S	L46E 6800N	4	35	2	35	0.3	16	9	177	4.02	2	ND	ND	20	1	2	2	151	0.24	0.04	2	102	0.57	56	0.32	1.09	0.03	0.06	0.01	1	3	10	4.3	
S	L46E 6825N	12	348	11	91	0.1	34	30	4036	3.89	6	ND	ND	30	1	6	2	103	0.71	0.06	2	108	0.93	220	0.12	1.47	0.04	0.09	0.01	4	2	10	5.9	
S	L46E 6850N	29	444	9	86	0.6	39	23	2564	4.87	5	ND	ND	51	1	2	2	106	1.21	0.18	3	91	1.01	228	0.06	1.68	0.04	0.14	0.01	3	2	20	6.3	
S	L46E 6875N	18	207	3	79	0.2	34	21	715	3.97	2	ND	ND	40	1	2	2	110	0.98	0.10	2	81	1.16	78	0.11	1.52	0.04	0.12	0.01	4	2	20	6.3	
S	L46E 6900N	9	307	4	82	0.2	33	19	644	3.77	2	ND	ND	43	1	2	2	98	1.13	0.08	2	100	1.06	135	0.11	1.55	0.04	0.10	0.01	3	2	10	6.7	
S	L47E 6025N	2	89	6	70	0.2	54	19	371	5.64	8	ND	ND	20	1	2	2	178	0.30	0.06	1	244	1.74	53	0.24	1.97	0.05	0.09	0.01	3	3	5	4.9	
S	L47E 6050N	1	70	2	52	0.2	57	20	328	4.36	7	ND	ND	13	1	5	2	138	0.20	0.04	1	269	1.89	70	0.18	1.95	0.04	0.06	0.01	6	3	5	4.9	
S	L47E 6075N	1	37	2	48	0.2	31	22	178	4.45	3	ND	ND	19	1	2	2	152	0.24	0.04	1	167	0.96	50	0.23	1.10	0.04	0.04	0.01	1	3	20	5.1	
S	L47E 6100N	1	153	5	67	0.2	56	16	366	5.17	6	ND	ND	39	1	2	2	198	0.26	0.06	1	174	1.78	69	0.23	2.28	0.05	0.09	0.01	4	4	5	4.9	
S	L47E 6125N	1	52	6	48	0.1	42	16	252	4.22	2	ND	ND	21	1	2	2	149	0.22	0.06	1	144	1.15	45	0.23	1.55	0.04	0.07	0.01	3	3	5	4.3	
S	L47E 6150N	1	24	2	36	0.1	28	17	260	3.79	2	ND	ND	21	1	2	2	155	0.25	0.04	1	111	0.71	46	0.31	0.94	0.04	0.05	0.01	1	3	5	4.5	
S	L47E 6175N	3	59	5	52	0.3	65	13	286	5.05	3	ND	ND	22	1	4	2	160	0.26	0.07	2	178	1.19	60	0.21	1.46	0.05	0.08	0.01	7	3	10	4.5	
S	L47E 6200N	1	36	1	55	0.2	40	24	254	7.14	6	ND	ND	8	1	2	2	295	0.23	0.04	1	114	1.05	47	0.33	1.22	0.06	0.13	0.01	7	5	5	4.6	
S	L47E 6225N	2	35	4	30	0.3	45	27	203	3.23	3	ND	ND	25	1	2	2	146	0.27	0.05	1	148	1.00	42	0.30	1.25	0.05	0.07	0.01	7	3	10	4.6	
S	L47E 6250N	4	63	6	59	0.2	153	15	387	5.04	9	ND	ND	11	1	2	2	182	0.14	0.09	2	400	2.74	38	0.23	2.66	0.06	0.09	0.01	7	4	5	4.3	
S	L47E 6275N	6	247	3	66	0.1	160	20	861	3.86	2	ND	ND	36	1	2	2	130	1.07	0.09	3	267	2.40	144	0.11	2.38	0.06	0.22	0.01	11	3	20	6.3	
S	L47E 6300N	7	847	2	53	0.4	100	33	306	3.47	4	ND	ND	37	1	2	2	116	1.00	0.06	4	194	1.32	171	0.19	1.88	0.05	0.12	0.01	9	2	50	6.7	
S	L47E 6325N	6	137	9	65	0.4	91	45	403	5.05	9	ND	ND	14	1	2	15	158	0.21	0.12	4	202	1.60	67	0.15	2.17	0.06	0.08	0.01	5	3	10	4.4	
S	L47E 6350N	7	167	12	72	0.3	145	25	427	4.85	9	ND	ND	18	1	2	13	164	0.30	0.08	4	251	2.26	89	0.16	2.41	0.06	0.14	0.01	12	3	20	4.9	
S	L47E 6375N	8	119	18	48	0.2	107	25	271	3.86	10	ND	ND	18	1	2	31	124	0.22	0.05	4	183	1.52	51	0.19	1.94	0.06	0.06	0.01	19	3	5	4.8	
S	L47E 6400N	6	173	11	56	0.3	81	28	330	5.69	10	ND	ND	18	1	2	19	198	0.22	0.08	4	193	1.76	58	0.19	2.26	0.07	0.09	0.01	15	4	5	4.5	
S	L47E 6450N	5	64	7	44	0.1	52	24	346	4.63	10	ND	ND	27	1	2	27	157	0.32	0.08	4	183	1.06	68	0.26	1.38	0.05	0.05	0.01	12	3	5	4.4	
S	L47E 6475N	4	97	13	49	0.6	56	29	264	4.41	6	ND	ND	22	1	2	14	155	0.29	0.06	4	166	1.25	45	0.26	1.91	0.06	0.05	0.01	15	3	10	4.9	
S	L47E 6500N	3	71	2	42	0.6	49	27	224	4.77	4	ND	ND	18	1	2	3	158	0.22	0.08	3	163	1.09	54	0.22	1.74	0.05	0.05	0.01	8	3	5	4.4	
S	L47E 6525N	5	130	6	74	0.2	243	23	856	4.96	3	ND	ND	22	1	3	2	170	0.22	0.06	2	483	3.48	95	0.25	3.15	0.07	0.08	0.01	7	3	5	4.6	
S	L47E 6550N	3	393	2	79	0.2	115	38	499	5.14	2	ND	ND	15	1	2	2	147	0.25	0.07	1	222	2.25	65	0.21	2.35	0.05	0.12	0.01	6	3	5	4.4	
S	L47E 6575N	1	145	1	55	0.1	39	28	338	4.45	2	ND	ND	21	1	3	2	127	0.28	0.07	1	169	1.06	47	0.17	1.51	0.04	0.08	0.01	1	3	90	4.4	
S	L47E 6600N	2	86	6	56	0.1	28	23	266	5.09	4	ND	ND	21	1	2	2	138	0.27	0.07	1	151	0.88	52	0.19	1.79	0.05	0.06	0.01	1	3	10	4.7	
S	L47E 6625N	1	110	1	43	0.6	43	24	255	4.78	2	ND	ND	19	1	2	2	122	0.27	0.07	1	178	1.01	53	0.17	2.17	0.04	0.07	0.01	1	2	70	5.0	
S	L47E 6650N	3	77	11	50	0.2	34	23	286	5.45	3	ND	ND	22	1	2	2	176	0.26	0.07	1	160	1.10	52	0.26	1.67	0.05	0.07	0.01	3	3	10	4.2	
S	L47E 6675N	5	163	16	58	0.2	43	27	354	6.20	5	ND	ND	22	1	2	2	161	0.40	0.07	3	189	1.13	67	0.23	1.82	0.06	0.09	0.01	12	3	15	5.0	
S	L47E 6700N	4	86	5	49	0.4	37	37	319	6.52	9	ND	ND	18	1	3	3	207	0.25	0.06	3	179	0.99	64	0.25	1.72	0.05	0.07	0.01	7	4	10	4.3	
S	L47E 6725N	3	196	6	46	0.1	31	35	375	5.03	2	ND	ND	29	1	2	2	135	0.46	0.09	3	143	0.98	52	0.21	1.48	0.04	0.10	0.01	3	3	5	4.5	
S	L47E 6750N	3	253	1	37	0.1	36	3	366	4.66	2	ND	ND	22	1	2	6	122	0.47	0.10	2	129	1.02	76	0.13	1.28	0.01	0.14	0.01	6	2	10	4.8	
S	L47E 6775N	5	322	9	52	0.1	43	38	386	5.31	4	ND	ND	25	1	5	11	137	0.39	0.07	3	141	1.13	89	0.17	1.63	0.01	0.14	0.01	12	3	10	4.6	
S	L47E 6800N	6	403	5	65	0.1	42	44	645	5.10	2	ND	ND	27	1	3	2	123	0.56	0.08	3	134	1.16	81	0.15	1.70	0.01	0.15	0.01	8	3	20	5.4	
S	L47E 6825N	8	93	19	60	0.1	18	55	305	2.77	2	ND	ND	29	1	2	2	97	0.54	0.06	1	95	0.76	105	0.17	1.28	0.01	0.08	0.01	2	2	5	6.1	
S	L47E 6875N	6	277	1	78	0.1	35	21	606	3.72	2	ND	ND	51	1	2	2	104	1.00	0.10	2	122	1.22	148	0.10	1.99	0.01	0.09	0.01	7	2	15	6.4	

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## CERTIFICATE OF ANALYSIS

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

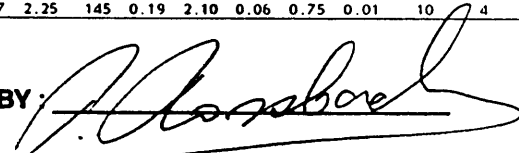
Project: 1384  
Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
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Ph:(604)299-6910 Fax:299-6252

Certificate: 91212  
Invoice: 20351  
Date Entered: 91-08-17  
File Name: TEK91212.I  
Page No.: 6

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AA	DM
S	L47E 6900N	3	75	1	64	0.1	29	36	1297	3.63	2	ND	ND	42	1	2	2	114	0.74	0.07	1	110	1.18	92	0.13	1.46	0.01	0.14	0.01	6	2	140	5.3
S	L47E 6925N	4	188	2	71	0.1	41	48	885	4.47	2	ND	ND	53	1	2	2	135	0.87	0.10	2	144	1.71	107	0.15	2.09	0.01	0.16	0.01	13	3	40	5.9
S	L48E 4375N	1	142	1	60	0.1	13	43	941	5.20	2	ND	ND	239	1	2	2	168	0.86	0.16	2	74	1.68	157	0.13	1.92	0.01	0.08	0.01	8	3	20	6.7
S	L48E 4525N	3	340	1	101	1.0	55	37	1214	5.54	2	ND	ND	180	1	2	2	181	0.83	0.14	2	208	2.63	287	0.17	2.90	0.01	0.15	0.01	7	4	230	6.3
S	L48E 4550N	2	409	1	82	0.6	66	45	1182	4.98	2	ND	ND	154	1	2	2	161	0.80	0.12	2	251	2.32	170	0.15	2.40	0.01	0.14	0.01	8	3	140	6.2
S	L48E 4575N	2	70	22	86	0.1	31	40	956	5.24	3	ND	ND	46	1	2	2	181	0.16	0.07	1	169	1.47	99	0.19	2.19	0.04	0.04	0.01	1	3	20	4.9
S	L48E 4600N	3	87	15	86	0.6	59	33	1074	5.26	5	ND	ND	29	1	2	2	172	0.18	0.09	1	250	1.67	82	0.15	2.15	0.04	0.05	0.01	8	3	50	4.7
S	L48E 4625N	3	115	5	73	0.2	34	37	1498	4.35	3	ND	ND	29	1	2	2	133	0.18	0.08	2	208	1.09	99	0.15	1.97	0.05	0.05	0.01	1	3	20	5.0
S	L48E 4650N	4	185	38	108	0.3	56	36	758	5.49	2	ND	ND	32	1	2	2	165	0.27	0.08	2	227	2.08	94	0.14	2.71	0.05	0.06	0.01	8	3	30	5.0
S	L48E 4675N	4	188	7	88	0.4	70	40	1226	5.77	2	ND	ND	45	1	2	2	234	0.97	0.14	2	309	3.10	248	0.27	2.90	0.05	0.87	0.01	10	5	30	6.9
S	L48E 4700N	5	25	12	72	0.6	172	51	823	5.61	2	ND	ND	26	1	2	2	292	0.53	0.12	1	583	4.10	136	0.18	2.94	0.06	1.54	0.01	11	6	40	6.5
S	L48E 4725N	8	87	19	79	0.8	69	44	885	7.79	7	ND	ND	67	1	2	2	147	0.47	0.11	6	284	2.06	412	0.18	1.99	0.09	0.64	0.01	10	3	260	6.8
S	L48E 4750N	4	113	8	100	1.6	94	42	1166	6.31	2	ND	ND	88	1	2	2	204	0.77	0.13	2	401	2.94	123	0.19	2.70	0.06	0.36	0.01	15	4	300	6.5
S	L48E 4825N	4	63	2	92	0.2	159	58	893	5.33	2	ND	ND	139	1	2	2	143	0.71	0.14	4	504	3.22	205	0.20	3.07	0.07	0.54	0.01	11	3	20	5.3
S	L48E 4850N	7	31	8	66	0.2	96	54	493	4.76	5	ND	ND	53	1	2	7	155	0.20	0.07	2	303	2.23	152	0.21	2.47	0.06	0.42	0.01	13	3	10	4.4
S	L48E 4875N	10	35	7	74	0.2	93	25	874	4.85	6	ND	ND	39	1	2	8	171	0.23	0.09	4	171	2.60	123	0.21	2.86	0.07	0.38	0.01	16	4	20	4.9
S	L48E 4900N	11	27	6	66	0.2	74	32	513	3.96	9	ND	ND	35	1	2	10	151	0.20	0.09	3	237	1.68	103	0.15	2.03	0.05	0.23	0.01	14	3	10	4.6
S	L48E 4925N	6	209	12	74	0.2	143	25	772	6.13	2	ND	ND	165	1	2	4	143	0.97	0.15	3	353	2.57	171	0.22	2.99	0.08	0.51	0.01	20	3	20	5.4
S	L48E 4950N	8	133	13	74	0.1	69	66	718	4.67	7	ND	ND	38	1	2	6	171	0.65	0.10	4	207	2.06	132	0.16	2.39	0.07	0.09	0.01	13	3	20	5.4
S	L48E 4975N	4	49	6	74	0.2	65	29	384	4.59	4	ND	ND	22	1	2	2	165	0.29	0.12	2	165	1.96	55	0.22	2.22	0.06	0.13	0.01	9	3	10	4.4
S	L48E 6025N	4	70	8	74	0.1	45	25	236	6.66	7	ND	ND	22	1	2	7	223	0.22	0.06	3	235	1.13	56	0.37	1.49	0.07	0.04	0.01	12	4	20	4.8
S	L48E 6050N	4	92	2	84	0.1	63	32	349	5.41	6	ND	ND	17	1	2	4	181	0.20	0.05	2	259	1.79	51	0.31	2.30	0.07	0.06	0.01	10	3	10	5.2
S	L48E 6075N	3	87	2	82	0.1	45	30	358	5.11	6	ND	ND	22	1	2	2	191	0.19	0.07	3	193	1.39	52	0.32	1.91	0.06	0.06	0.01	10	4	5	4.8
S	L48E 6100N	1	34	3	60	0.1	32	28	334	3.33	3	ND	ND	18	1	2	3	134	0.20	0.05	2	170	1.38	75	0.23	1.56	0.06	0.09	0.01	9	3	5	4.6
S	L48E 6125N	3	55	10	70	0.1	32	26	333	5.22	6	ND	ND	25	1	2	2	229	0.36	0.04	2	164	1.30	65	0.31	1.77	0.07	0.06	0.01	11	4	20	4.2
S	L48E 6150N	4	73	3	55	0.1	33	29	345	4.86	2	ND	ND	13	1	2	16	216	0.26	0.05	3	143	1.39	43	0.27	1.72	0.06	0.08	0.01	12	4	5	5.3
S	L48E 6175N	4	60	7	55	0.1	78	32	276	4.68	3	ND	ND	20	1	2	16	155	0.21	0.08	4	213	1.44	83	0.24	2.04	0.06	0.08	0.01	7	3	10	4.7
S	L48E 6200N	4	62	5	55	0.1	143	29	280	3.61	3	ND	ND	11	1	8	16	113	0.14	0.05	3	276	2.08	38	0.17	2.28	0.06	0.06	0.01	14	2	5	5.0
S	L48E 6225N	6	110	6	60	0.2	119	31	307	4.94	4	ND	ND	16	1	3	9	162	0.19	0.07	3	298	1.95	41	0.21	2.36	0.06	0.08	0.01	16	3	20	4.8
S	L48E 6250N	5	67	5	50	0.6	73	25	300	4.14	5	ND	ND	22	1	5	20	138	0.24	0.09	4	209	1.36	50	0.21	2.05	0.06	0.07	0.01	12	3	20	4.8
S	L48E 6275N	7	163	5	56	0.2	95	32	327	3.96	4	ND	ND	26	1	4	21	125	0.26	0.07	4	191	1.64	57	0.20	2.22	0.06	0.06	0.01	13	3	20	5.0
S	L48E 6300N	5	97	8	55	0.2	79	33	292	4.19	5	ND	ND	24	1	2	21	135	0.25	0.06	4	191	1.43	63	0.22	2.31	0.06	0.06	0.01	12	3	10	4.8
S	L48E 6325N	5	63	3	49	0.2	117	21	422	4.18	4	ND	ND	11	1	4	16	140	0.15	0.11	3	233	1.67	36	0.19	2.01	0.05	0.07	0.01	13	3	5	4.5
S	L48E 6350N	5	129	2	60	0.2	86	21	304	4.57	6	ND	ND	17	1	2	12	134	0.24	0.08	4	228	1.42	62	0.17	2.70	0.06	0.07	0.01	17	3	5	4.9
S	L48E 6375N	2	90	1	52	0.1	60	9	253	3.76	5	ND	ND	15	1	2	2	115	0.18	0.06	1	165	1.25	43	0.14	1.95	0.04	0.08	0.01	1	2	240	4.6
S	L48E 6400N	5	178	5	62	0.1	129	28	367	4.71	5	ND	ND	16	1	3	2	142	0.27	0.09	2	259	2.15	52	0.16	2.40	0.05	0.14	0.01	9	3	20	4.5
S	L48E 6425N	9	258	9	80	0.4	113	40	431	3.72	6	ND	ND	31	1	2	2	138	0.93	0.09	3	242	1.80	139	0.11	2.11	0.06	0.15	0.01	9	3	40	6.6
S	L48E 6450N	10	200	4	67	0.2	100	39	417	4.16	10	ND	ND	32	1	3	2	150	0.81	0.07	3	250	1.89	135	0.16	2.23	0.06	0.10	0.01	11	3	35	7.0
S	L48E 6475N	8	96	6	56	0.1	59	40	306	4.04	5	ND	ND	23	1	2	2	133	0.49	0.05	2	201	1.28	76	0.16	1.41	0.05	0.09	0.01	8	3	20	5.7
S	L48E 6500N	5	499	13	73	0.1	70	30	923	6.32	11	ND	ND	16	1	5	2	213	0.56	0.08	3	247	2.25	145	0.19	2.10	0.06	0.75	0.01	10	4	25	6.3

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## CERTIFICATE OF ANALYSIS

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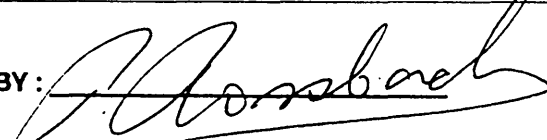
To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91212  
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Page No.: 7

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MNI	% FE	PPM AS	PPM AU	PPM HC	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPB AA	PPB DH
S	L48E 6525N	2	190	3	62	0.1	54	53	329	4.93	6	ND	ND	22	1	2	2	143	0.34	0.08	1	202	1.33	42	0.17	1.52	0.04	0.10	0.01	1	3	100	4.7	
S	L48E 6550N	2	99	2	64	0.6	37	37	255	5.79	4	ND	ND	17	1	2	2	195	0.21	0.07	2	167	1.00	58	0.26	1.56	0.05	0.07	0.01	4	4	10	4.7	
S	L48E 6575N	3	76	12	64	0.8	40	31	274	5.90	7	ND	ND	17	1	2	6	205	0.26	0.08	3	183	1.07	59	0.19	1.93	0.06	0.07	0.01	7	4	15	4.8	
S	L48E 6600N	1	45	3	41	0.1	22	31	173	3.77	3	ND	ND	14	1	2	2	136	0.17	0.04	2	92	0.74	33	0.21	1.32	0.04	0.06	0.01	1	3	10	4.5	
S	L48E 6625N	1	62	3	41	0.1	25	21	185	3.86	3	ND	ND	14	1	2	3	114	0.17	0.06	2	99	0.78	31	0.16	1.59	0.03	0.05	0.01	5	2	20	4.5	
S	L48E 6650N	3	168	9	49	0.2	50	29	302	4.38	3	ND	ND	16	1	2	12	151	0.22	0.04	2	166	1.26	35	0.16	1.69	0.05	0.06	0.01	10	3	160	4.4	
S	L48E 6675N	4	62	6	29	0.2	22	17	175	3.35	2	ND	ND	19	1	2	4	126	0.19	0.05	3	108	0.57	57	0.18	0.94	0.03	0.05	0.01	5	2	40	4.5	
S	L48E 6700N	4	55	7	44	0.2	31	29	209	4.47	10	ND	ND	16	1	5	28	178	0.19	0.06	3	111	0.81	46	0.26	1.23	0.05	0.06	0.01	15	3	20	4.4	
S	L48E 6725N	8	121	10	60	0.2	38	28	303	4.70	6	ND	ND	20	1	2	20	142	0.31	0.07	4	124	1.01	70	0.16	1.58	0.05	0.05	0.01	15	3	20	4.6	
S	L48E 6750N	6	166	8	66	0.3	48	33	1703	4.89	3	ND	ND	19	1	4	19	162	0.32	0.15	4	142	1.44	68	0.16	1.75	0.06	0.09	0.01	15	3	50	4.7	
S	L48E 6775N	7	181	11	64	0.1	49	45	846	5.43	6	ND	ND	21	1	2	25	174	0.34	0.08	4	158	1.40	87	0.19	1.69	0.06	0.08	0.01	16	3	50	4.4	
S	L48E 6800N	11	405	12	73	0.1	63	45	990	4.74	3	ND	ND	35	1	7	24	151	0.96	0.09	6	159	1.60	159	0.15	1.96	0.06	0.11	0.01	19	3	50	6.2	
S	L48E 6825N	6	222	11	73	0.2	51	46	483	5.19	3	ND	ND	28	1	14	31	157	0.65	0.08	5	161	1.32	109	0.18	1.51	0.05	0.13	0.01	18	3	55	5.5	
S	L48E 6850N	9	338	13	59	0.2	57	45	469	4.29	2	ND	ND	29	1	6	29	121	0.68	0.07	5	146	1.37	120	0.14	1.53	0.04	0.20	0.01	19	3	30	6.3	
S	L48E 6875N	3	120	1	50	0.1	25	23	296	3.25	4	ND	ND	35	1	2	9	92	0.70	0.07	2	62	0.88	76	0.15	1.18	0.04	0.09	0.01	9	2	30	5.6	
S	L48E 6900N	7	199	5	79	0.1	30	32	519	3.26	3	ND	ND	48	1	2	9	91	1.14	0.10	4	61	1.02	172	0.10	1.60	0.04	0.10	0.01	15	2	10	5.3	
S	L48E 6925N	3	80	7	49	0.1	30	33	577	3.45	3	ND	ND	35	1	2	2	95	0.62	0.07	2	76	1.22	71	0.14	1.40	0.04	0.15	0.01	10	2	20	5.9	
S	L48E 6950N	3	96	1	44	0.1	31	31	537	3.61	5	ND	ND	32	1	2	8	98	0.63	0.07	2	82	1.24	64	0.14	1.42	0.04	0.14	0.01	11	2	30	6.4	
S	L49E 6025N	4	47	8	67	0.1	41	9	279	5.20	7	ND	ND	13	1	2	12	188	0.15	0.05	3	157	1.32	52	0.31	1.88	0.05	0.07	0.01	9	4	20	4.7	
S	L49E 6050N	2	50	6	70	0.1	26	10	280	5.30	8	ND	ND	14	1	2	2	160	0.16	0.06	2	140	1.40	40	0.28	1.60	0.06	0.07	0.01	6	2	5	4.8	
S	L49E 6075N	4	85	2	56	0.1	109	11	276	4.62	4	ND	ND	18	1	2	2	156	0.18	0.07	2	166	1.90	48	0.33	2.31	0.05	0.06	0.01	6	3	10	4.5	
S	L49E 6100N	2	48	6	52	0.4	79	8	304	4.58	5	ND	ND	17	1	2	2	152	0.19	0.07	3	131	1.60	52	0.24	2.24	0.05	0.07	0.01	10	3	5	4.7	
S	L49E 6125N	3	82	9	56	0.2	83	9	260	3.56	9	ND	ND	24	1	2	2	119	0.24	0.05	2	148	1.61	59	0.21	2.26	0.04	0.09	0.01	6	2	5	4.9	
S	L49E 6150N	3	86	7	60	0.4	113	18	305	4.84	8	ND	ND	20	1	2	3	155	0.20	0.09	2	188	1.90	62	0.24	2.59	0.05	0.07	0.01	9	3	50	4.8	
S	L49E 6175N	3	53	10	41	0.6	95	24	255	3.51	8	ND	ND	17	1	2	12	119	0.16	0.08	2	141	1.52	42	0.20	1.85	0.04	0.07	0.01	10	2	50	4.9	
S	L49E 6200N	2	53	1	49	0.2	84	19	330	4.35	4	ND	ND	21	1	2	2	147	0.18	0.07	1	160	1.59	60	0.24	2.17	0.04	0.06	0.01	1	3	20	4.7	
S	L49E 6225N	3	109	2	44	0.5	132	22	272	3.88	6	ND	ND	13	1	2	2	117	0.16	0.07	1	187	1.98	45	0.15	2.25	0.04	0.07	0.01	7	2	30	4.4	
S	L49E 6250N	2	59	2	48	0.3	127	18	283	4.53	2	ND	ND	10	1	2	2	145	0.13	0.12	1	191	1.97	39	0.18	2.23	0.04	0.07	0.01	1	3	5	4.4	
S	L49E 6275N	4	98	16	41	0.1	88	22	272	4.06	7	ND	ND	20	1	2	5	129	0.23	0.07	3	166	1.50	46	0.18	1.96	0.04	0.06	0.01	13	3	20	4.8	
S	L49E 6300N	3	59	6	48	0.2	132	22	378	3.84	10	ND	ND	11	1	2	3	130	0.15	0.08	2	206	1.92	41	0.16	2.12	0.05	0.05	0.01	10	3	10	4.4	
S	L49E 6325N	4	199	7	50	0.2	96	26	300	4.57	5	ND	ND	17	1	2	9	144	0.22	0.10	2	190	1.73	66	0.19	2.12	0.05	0.06	0.01	11	3	15	4.9	
S	L49E 6350N	10	80	7	48	0.4	48	24	258	4.17	2	ND	ND	17	1	2	2	149	0.22	0.05	3	110	1.04	68	0.25	1.70	0.04	0.07	0.01	7	3	10	4.6	
S	L49E 6375N	13	81	7	53	0.2	59	20	220	3.38	2	ND	ND	24	1	2	2	137	0.59	0.05	3	133	1.28	85	0.24	1.64	0.04	0.08	0.01	10	3	10	6.0	
S	L49E 6400N	5	66	11	42	0.1	31	21	255	4.12	3	ND	ND	21	1	2	13	147	0.25	0.07	2	104	0.73	31	0.19	1.12	0.03	0.06	0.01	9	3	15	4.3	
S	L49E 6425N	6	104	5	64	0.3	46	9	252	4.50	6	ND	ND	20	1	2	13	144	0.26	0.09	3	123	1.03	51	0.20	1.56	0.04	0.06	0.01	9	3	10	4.4	
S	L49E 6450N	3	42	9	40	0.8	27	17	133	2.87	3	ND	ND	20	1	2	12	107	0.24	0.03	2	86	0.65	46	0.18	1.10	0.03	0.04	0.01	4	2	20	4.8	
S	L49E 6475N	13	54	7	59	0.2	33	20	240	3.71	3	ND	ND	27	1	2	5	150	0.40	0.05	2	101	1.00	84	0.25	1.34	0.04	0.11	0.01	7	3	10	4.9	
S	L49E 6500N	25	141	11	81	0.6	64	28	658	5.25	12	ND	ND	29	1	2	10	176	0.38	0.07	2	164	1.33	106	0.24	1.85	0.05	0.09	0.01	8	3	10	4.5	
S	L49E 6525N	6	358	10	87	0.2	69	33	716	5.33	5	ND	ND	25	1	2	5	161	0.44	0.08	3	196	1.97	111	0.21	2.07	0.05	0.15	0.01	10	3	70	4.4	
S	L49E 6550N	6	198	7	64	0.1	56	29	352	5.18	7	ND	ND	22	1	2	13	170	0.34	0.09	2	152	1.42	54	0.25	1.92	0.05	0.09	0.01	9	3	10	4.8	

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## CERTIFICATE OF ANALYSIS

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To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

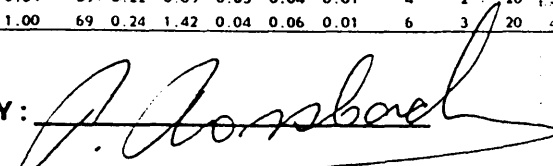
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File Name: TEK91212.I  
Page No.: 8

Project: 1384  
Type of Analysis: ICP

201-

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L49E 6575N	5	59	2	59	0.1	36	21	238	4.67	5	ND	ND	21	1	2	14	173	0.25	0.05	3	114	0.91	52	0.25	1.43	0.04	0.07	0.01	8	3	20	4.5	
S	L49E 6600N	8	51	3	68	0.6	34	19	305	3.90	2	ND	ND	24	1	2	7	161	0.32	0.09	4	101	0.98	96	0.22	1.43	0.04	0.08	0.01	11	3	10	4.4	
S	L49E 6625N	8	354	7	84	0.2	63	34	769	5.42	2	ND	ND	32	1	2	6	170	0.88	0.14	3	154	1.99	179	0.19	1.94	0.07	0.23	0.01	10	3	5	5.3	
S	L49E 6650N	3	91	5	59	0.2	53	25	407	4.81	2	ND	ND	19	1	2	7	159	0.35	0.09	2	157	1.42	53	0.20	1.53	0.05	0.10	0.01	6	3	30	4.6	
S	L49E 6675N	9	113	9	64	0.2	46	21	366	4.76	5	ND	ND	21	1	2	5	172	0.33	0.15	2	148	1.22	59	0.19	1.63	0.05	0.07	0.01	6	3	5	4.3	
S	L49E 6700N	6	131	9	81	0.2	55	24	617	4.49	7	ND	ND	29	1	2	2	148	0.51	0.12	2	130	1.45	82	0.19	1.68	0.07	0.11	0.01	6	3	10	4.5	
S	L49E 6725N	15	436	24	95	0.2	75	34	1156	5.36	5	ND	ND	37	1	2	9	176	1.04	0.10	4	196	1.88	158	0.19	2.01	0.07	0.20	0.01	11	3	10	6.7	
S	L49E 6750N	9	181	18	87	0.1	44	30	494	4.75	4	ND	ND	24	1	2	3	153	0.58	0.07	3	175	1.15	129	0.16	1.28	0.05	0.11	0.01	8	3	5	5.1	
S	L49E 6800N	44	531	5	117	0.2	95	34	1256	5.38	2	ND	ND	51	1	2	2	142	1.67	0.11	3	183	1.97	228	0.14	1.99	0.07	0.37	0.01	16	3	20	6.8	
S	L49E 6825N	6	212	5	98	0.1	40	29	717	4.34	2	ND	ND	64	1	2	2	131	1.03	0.08	3	103	1.55	113	0.20	1.98	0.05	0.18	0.01	8	2	40	6.8	
S	L50E 5000N	33	44	14	77	0.2	36	12	276	4.08	4	ND	ND	31	1	2	2	153	0.19	0.10	7	96	0.71	164	0.24	1.40	0.05	0.08	0.01	11	3	10	4.3	
S	L50E 5025N	38	68	9	68	0.2	24	9	260	3.38	4	ND	ND	43	1	2	2	112	0.26	0.08	8	83	0.81	125	0.14	1.92	0.05	0.08	0.01	11	2	20	4.8	
S	L50E 5050N	45	54	1	68	0.1	13	5	210	4.42	2	ND	ND	33	1	2	2	163	0.23	0.08	5	69	0.79	117	0.24	2.01	0.05	0.13	0.01	2	3	20	4.8	
S	L50E 5075N	45	97	19	95	0.1	34	5	326	5.85	8	ND	ND	36	1	2	16	176	0.23	0.12	9	105	1.20	136	0.19	2.68	0.07	0.08	0.01	16	3	10	2.6	
S	L50E 5100N	66	85	7	81	0.1	21	5	291	4.81	5	ND	ND	36	1	2	2	134	0.20	0.09	12	83	0.76	134	0.16	2.25	0.05	0.09	0.01	14	3	20	4.9	
S	L50E 5125N	60	113	11	95	0.2	24	3	300	4.80	8	ND	ND	38	1	2	17	129	0.24	0.10	7	93	0.97	146	0.18	3.95	0.07	0.10	0.02	16	3	10	4.9	
S	L50E 5150N	53	102	3	71	0.3	22	2	279	5.03	4	ND	ND	34	1	2	2	143	0.23	0.09	8	93	0.91	122	0.23	2.79	0.05	0.09	0.01	8	3	10	4.8	
S	L50E 5175N	75	86	11	73	0.6	21	2	251	5.14	5	ND	ND	29	1	2	17	147	0.21	0.10	10	85	0.73	114	0.20	2.56	0.07	0.08	0.01	13	3	40	4.5	
S	L50E 5200N	144	81	22	50	0.8	15	10	135	3.93	5	ND	ND	24	1	2	18	108	0.14	0.09	21	57	0.37	158	0.12	1.55	0.04	0.08	0.01	24	2	10	4.3	
S	L50E 5225N	113	63	10	50	0.4	8	8	125	3.82	3	ND	ND	20	1	5	6	98	0.11	0.05	25	46	0.23	128	0.09	1.43	0.04	0.07	0.01	6	2	5	4.3	
S	L50E 5250N	263	89	14	52	0.6	15	8	323	6.18	6	ND	ND	27	1	2	16	124	0.18	0.07	13	78	0.65	117	0.19	1.97	0.04	0.08	0.01	13	2	20	4.4	
S	L50E 5275N	197	94	22	52	0.6	20	18	255	5.09	6	ND	ND	37	1	14	38	143	0.25	0.07	14	73	0.60	148	0.20	1.72	0.05	0.07	0.01	19	3	10	4.6	
S	L50E 5300N	92	63	9	40	0.4	11	10	205	3.84	6	ND	ND	33	1	3	6	124	0.20	0.07	10	62	0.46	85	0.16	1.40	0.04	0.07	0.01	11	2	90	4.4	
S	L50E 5325N	82	51	10	34	0.4	14	10	181	3.79	10	ND	ND	38	1	2	22	143	0.19	0.04	9	55	0.40	104	0.21	1.22	0.03	0.07	0.01	10	2	110	4.0	
S	L50E 5350N	84	86	9	56	0.2	20	3	346	5.71	9	ND	ND	35	1	2	18	128	0.20	0.09	8	83	0.86	128	0.19	2.46	0.05	0.07	0.01	11	2	5	4.6	
S	L50E 5375N	63	50	7	68	0.6	96	7	198	4.43	7	ND	ND	20	1	2	14	146	0.15	0.07	5	160	1.30	76	0.24	2.23	0.05	0.06	0.01	6	3	5	4.4	
S	L50E 5400N	126	97	7	59	0.8	30	7	258	5.05	5	ND	ND	45	1	2	11	132	0.29	0.05	9	85	0.93	151	0.22	2.17	0.05	0.09	0.01	8	2	10	4.9	
S	L50E 5425N	111	149	10	59	0.1	30	23	401	4.36	6	ND	ND	45	1	2	16	93	0.41	0.08	12	88	0.99	113	0.13	1.76	0.05	0.15	0.01	6	2	220	5.4	
S	L50E 5450N	142	193	18	68	0.2	43	29	726	6.53	8	ND	ND	99	1	8	43	122	0.98	0.14	8	87	1.39	81	0.15	2.38	0.08	0.11	0.01	27	3	20	4.6	
S	L50E 5475N	21	184	12	51	0.1	41	31	661	6.37	10	ND	ND	68	1	7	35	142	1.00	0.11	8	103	1.53	143	0.18	1.98	0.07	0.13	0.02	28	3	5	5.5	
S	L50E 5500N	16	176	16	59	0.1	40	24	448	4.15	6	ND	ND	55	1	5	33	120	0.93	0.11	9	100	1.30	141	0.16	1.59	0.05	0.19	0.01	16	2	50	6.4	
S	L50E 5525N	15	367	9	59	0.6	42	19	921	3.87	2	ND	ND	52	1	3	38	119	1.55	0.13	10	126	1.39	239	0.10	2.18	0.05	0.20	0.01	16	2	10	6.4	
S	L50E 5550N	10	124	16	51	0.4	25	21	546	4.48	2	ND	ND	37	1	2	2	119	0.90	0.09	7	113	0.85	146	0.09	1.29	0.04	0.08	0.01	10	2	120	6.5	
S	L50E 5575N	13	97	8	51	0.3	21	16	444	3.79	2	ND	ND	33	1	2	2	122	0.62	0.04	9	86	0.74	137	0.19	1.39	0.03	0.07	0.01	7	2	40	6.3	
S	L50E 5600N	9	40	10	63	0.1	19	12	396	3.59	5	ND	ND	29	1	2	5	114	0.32	0.05	3	87	0.93	75	0.22	1.65	0.04	0.09	0.01	7	2	20	4.7	
S	L50E 5625N	9	42	7	51	0.1	21	15	313	3.61	2	ND	ND	30	1	2	11	129	0.60	0.04	4	89	0.67	118	0.20	1.17	0.04	0.06	0.01	9	2	20	6.2	
S	L50E 5650N	9	85	24	68	0.1	41	21	397	3.84	10	ND	ND	30	1	2	29	118	0.55	0.05	5	124	1.31	85	0.18	1.77	0.05	0.06	0.01	15	2	20	5.9	
S	L50E 5675N	8	79	8	50	0.1	33	17	261	3.63	2	ND	ND	31	1	2	2	107	0.69	0.04	3	140	1.12	85	0.15	1.48	0.04	0.06	0.01	7	2	40	6.5	
S	L50E 5700N	5	24	5	33	0.1	18	13	159	3.63	2	ND	ND	21	1	2	5	132	0.26	0.03	2	98	0.54	69	0.22	0.89	0.03	0.04	0.01	4	2	20	5.0	
1123	L50E 5725N	5	47	13	54	0.1	30	16	274	4.84	2	ND	ND	19	1	2	2	146	0.21	0.05	3	111	1.00	69	0.24	1.42	0.04	0.06	0.01	6	3	20	4.4	

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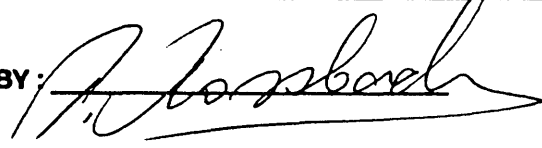
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To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Certificate: 91212  
Invoice: 20351  
Date Entered: 91-08-17  
File Name: TEK91212.I  
Page No.: 9

Project: 1384  
Type of Analysis: ICP

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L50E 5750N	5	28	7	38	0.1	22	15	240	4.33	2	ND	ND	19	1	2	2	135	0.19	0.04	2	120	0.68	49	0.26	1.08	0.03	0.04	0.01	5	2	20	4.8	
S	L50E 5775N	5	71	11	42	0.1	36	15	241	4.17	8	ND	ND	20	1	2	2	115	0.22	0.05	2	127	1.17	42	0.18	1.65	0.04	0.05	0.01	6	2	270	5.0	
S	L50E 5800N	3	35	8	52	0.1	26	17	319	4.49	4	ND	ND	23	1	2	15	139	0.27	0.09	4	97	0.91	82	0.26	1.29	0.04	0.07	0.01	8	2	30	4.6	
S	L50E 5825N	5	61	8	68	0.2	35	10	388	5.02	9	ND	ND	31	1	2	8	139	0.34	0.10	4	119	1.25	82	0.24	2.08	0.04	0.09	0.01	7	2	5	4.8	
S	L50E 5850N	3	55	2	61	0.2	43	9	280	4.72	4	ND	ND	25	1	2	2	151	0.30	0.09	1	146	1.44	55	0.26	1.97	0.04	0.05	0.01	1	2	310	4.8	
S	L50E 5875N	6	71	7	52	0.2	53	9	304	5.09	10	ND	ND	26	1	2	9	157	0.27	0.09	3	149	1.51	48	0.27	2.18	0.04	0.06	0.01	6	3	10	5.0	
S	L50E 5900N	1	54	1	59	0.2	46	9	291	4.66	2	ND	ND	22	1	2	2	151	0.25	0.07	1	139	1.44	47	0.32	1.99	0.04	0.07	0.01	4	2	5	5.0	
S	L50E 5925N	3	60	3	50	0.3	38	12	285	4.32	3	ND	ND	21	1	2	2	122	0.21	0.07	1	141	1.14	33	0.20	1.67	0.03	0.05	0.01	1	2	20	4.8	
S	L50E 5950N	1	25	1	33	0.2	24	8	227	3.20	2	ND	ND	19	1	2	2	128	0.24	0.05	1	142	1.01	31	0.31	1.36	0.03	0.08	0.01	1	2	10	4.7	
S	L50E 5975N	3	49	1	52	0.1	36	13	239	4.76	2	ND	ND	21	1	2	2	153	0.22	0.05	1	137	1.08	42	0.26	1.64	0.04	0.05	0.01	1	2	20	5.0	
S	L50E 6000N	3	44	2	73	0.3	43	10	278	4.84	2	ND	ND	19	1	2	2	198	0.20	0.07	1	120	1.39	70	0.38	1.77	0.04	0.06	0.01	3	3	10	4.9	
S	L50E 6025N	1	42	1	61	0.3	46	7	320	4.48	2	ND	ND	13	1	2	2	176	0.18	0.07	1	117	1.39	40	0.27	1.76	0.04	0.08	0.01	1	3	5	4.5	
S	L50E 6050N	1	65	1	59	0.1	49	10	313	4.22	2	ND	ND	32	1	2	2	140	0.37	0.08	1	132	1.44	40	0.23	1.95	0.04	0.06	0.01	1	2	140	4.8	
S	L50E 6075N	5	65	15	82	0.1	56	7	297	4.84	4	ND	ND	27	1	2	12	162	0.33	0.08	3	171	1.45	43	0.32	2.09	0.07	0.06	0.01	13	3	30	5.3	
S	L50E 6100N	5	75	9	64	0.4	126	6	286	4.26	10	ND	ND	19	1	2	6	130	0.22	0.13	2	190	2.00	40	0.16	2.19	0.05	0.07	0.01	8	2	20	4.5	
S	L50E 6125N	3	49	10	64	0.2	115	7	271	3.28	4	ND	ND	20	1	2	9	119	0.25	0.07	2	179	1.86	44	0.21	2.09	0.05	0.06	0.01	10	2	10	4.9	
S	L50E 6150N	5	89	24	56	0.1	93	12	287	4.75	11	ND	ND	15	1	2	8	162	0.23	0.07	2	199	1.85	45	0.21	2.09	0.04	0.07	0.01	7	3	20	4.7	
S	L50E 6175N	3	62	20	64	0.2	112	9	238	3.85	2	ND	ND	15	1	2	2	134	0.20	0.07	2	200	1.74	45	0.23	2.07	0.05	0.06	0.01	6	2	5	4.9	
S	L50E 6200N	3	78	5	71	0.4	77	8	240	3.51	4	ND	ND	24	1	2	2	121	0.26	0.07	1	149	1.50	57	0.20	1.95	0.05	0.07	0.01	4	2	5	4.7	
S	L50E 6225N	1	57	4	56	0.8	67	5	192	2.96	2	ND	ND	21	1	2	2	103	0.24	0.05	1	126	1.26	56	0.16	1.61	0.03	0.06	0.01	1	2	30	4.8	
S	L50E 6250N	3	86	4	63	0.3	73	3	250	3.79	2	ND	ND	24	1	2	2	112	0.27	0.05	1	148	1.43	54	0.21	2.02	0.04	0.06	0.01	3	2	30	5.0	
S	L50E 6275N	5	93	13	70	0.2	80	9	282	4.39	6	ND	ND	19	1	2	11	141	0.20	0.07	3	143	1.44	45	0.22	1.99	0.05	0.06	0.01	13	3	10	4.8	
S	L50E 6300N	5	174	13	70	0.2	52	10	255	3.93	3	ND	ND	29	1	2	10	120	0.34	0.07	3	110	1.13	58	0.19	1.86	0.05	0.06	0.01	6	2	20	5.0	
S	L50E 6325N	5	82	12	71	0.3	40	2	214	4.25	9	ND	ND	25	1	2	18	166	0.29	0.13	4	104	1.03	70	0.23	2.08	0.05	0.07	0.01	8	3	30	4.9	
S	L50E 6350N	5	220	12	75	0.2	68	3	279	3.78	6	ND	ND	25	1	2	15	114	0.35	0.07	3	124	1.36	82	0.18	2.57	0.07	0.10	0.01	11	2	70	5.0	
S	L50E 6375N	5	229	9	70	0.3	55	19	367	4.15	2	ND	ND	27	1	2	11	131	0.77	0.05	3	160	1.32	101	0.16	1.62	0.05	0.14	0.01	11	2	90	6.8	
S	L50E 6400N	9	306	24	73	0.2	56	22	367	4.43	10	ND	ND	25	1	9	37	137	0.77	0.07	4	164	1.21	107	0.15	1.32	0.05	0.12	0.01	15	3	20	6.7	
S	L50E 6425N	5	159	12	59	0.1	55	20	357	4.25	6	ND	ND	20	1	2	16	129	0.45	0.05	2	178	1.32	77	0.16	1.44	0.05	0.11	0.01	7	2	10	5.5	
S	L50E 6450N	3	43	7	51	0.1	34	12	186	4.49	5	ND	ND	18	1	2	11	159	0.25	0.08	2	146	0.88	42	0.21	1.10	0.04	0.07	0.01	5	3	20	4.5	
S	L50E 6475N	13	181	8	68	0.1	56	19	404	4.31	5	ND	ND	23	1	3	17	150	0.59	0.04	2	154	1.51	130	0.21	1.64	0.05	0.15	0.01	9	3	10	5.7	
S	L50E 6500N	3	202	11	42	0.1	46	29	465	5.58	9	ND	ND	14	1	6	13	154	0.31	0.08	2	194	1.04	43	0.14	1.14	0.04	0.12	0.01	8	3	10	4.7	
S	L50E 6525N	10	169	16	81	0.2	57	20	305	4.04	9	ND	ND	21	1	2	22	123	0.36	0.08	4	156	1.17	78	0.16	1.55	0.05	0.08	0.01	13	2	20	4.8	
S	L50E 6550N	10	138	4	84	0.2	44	14	416	4.25	7	ND	ND	21	1	2	9	155	0.32	0.05	3	122	1.19	103	0.22	1.59	0.05	0.07	0.01	6	3	230	4.8	
S	L50E 6575N	14	455	3	64	0.1	30	12	624	2.18	2	ND	ND	59	1	3	2	62	2.63	0.10	4	80	0.69	242	0.04	1.00	0.03	0.05	0.01	13	1	10	6.2	
S	L50E 6600N	16	117	12	64	0.1	37	14	465	3.82	2	ND	ND	26	1	2	15	126	0.48	0.05	3	138	0.98	115	0.16	1.25	0.04	0.07	0.01	8	2	5	5.4	
S	L50E 6625N	8	119	7	64	0.1	41	9	363	4.17	5	ND	ND	19	1	2	10	148	0.30	0.05	2	125	1.19	45	0.19	1.41	0.05	0.07	0.01	6	2	10	4.6	
S	L50E 6650N	43	188	9	117	0.1	30	15	735	3.67	6	ND	ND	35	1	2	18	104	0.87	0.08	4	94	0.86	163	0.13	1.67	0.05	0.06	0.01	11	2	15	5.9	
S	L50E 6700N	39	124	15	77	0.1	46	18	590	4.27	8	ND	ND	29	1	5	29	157	0.91	0.10	4	128	1.62	157	0.18	1.81	0.07	0.66	0.01	17	3	10	6.6	
S	L50E 6725N	13	224	9	68	0.2	33	17	381	3.20	2	ND	ND	36	1	2	2	93	0.77	0.08	3	88	1.07	91	0.14	1.34	0.04	0.10	0.01	5	2	20	6.2	
S	L51E 5225N	300	101	41	56	0.1	18	7	175	4.75	16	ND	ND	22	1	9	51	119	0.15	0.07	22	72	0.53	167	0.12	1.41	0.05	0.06	0.01	25	2	30	4.6	

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## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
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Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

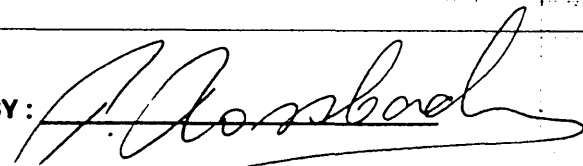
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File Name: TEK91212.I  
Page No.: 10

Project: 1384  
Type of Analysis: ICP

200-

PRE FIX	SAMPLE NAME	PPM NO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L51E 5250N	102	75	32	64	0.3	21	4	287	4.83	13	ND	ND	31	1	2	35	144	0.16	0.07	10	85	0.75	139	0.22	1.78	0.05	0.07	0.01	18	3	10	4.5	
S	L51E 5275N	204	67	9	71	0.4	19	2	224	4.25	6	ND	ND	31	1	2	23	134	0.23	0.07	9	80	0.60	97	0.22	1.75	0.05	0.08	0.01	16	2	30	4.6	
S	L51E 5300N	69	66	18	73	0.4	18	3	242	4.16	9	ND	ND	31	1	2	32	121	0.20	0.08	9	76	0.51	115	0.15	1.75	0.05	0.07	0.01	18	2	20	4.5	
S	L51E 5325N	80	73	18	86	0.4	23	2	305	4.70	10	ND	ND	34	1	2	39	113	0.24	0.14	10	82	0.87	101	0.11	1.92	0.05	0.06	0.01	22	2	10	4.5	
S	L51E 5350N	55	67	20	77	0.5	21	2	265	4.66	8	ND	ND	34	1	2	44	115	0.24	0.13	9	78	0.75	122	0.12	2.27	0.07	0.06	0.01	19	2	20	4.8	
S	L51E 5375N	63	48	14	51	0.4	12	4	153	4.01	6	ND	ND	27	1	8	35	163	0.15	0.07	9	52	0.32	80	0.21	1.29	0.05	0.05	0.01	15	3	20	4.5	
S	L51E 5400N	97	66	25	77	0.4	23	3	629	5.96	14	ND	ND	26	1	6	56	164	0.23	0.29	10	83	0.77	114	0.19	1.99	0.07	0.08	0.01	23	3	120	4.5	
S	L51E 5425N	77	84	22	77	0.1	23	5	315	3.46	9	ND	ND	40	1	6	41	92	0.37	0.09	11	62	0.91	158	0.13	1.94	0.05	0.07	0.01	18	2	40	5.0	
S	L51E 5450N	55	150	23	73	0.1	44	22	587	4.53	3	ND	ND	52	1	9	49	134	0.54	0.11	12	107	1.25	205	0.19	1.65	0.07	0.24	0.01	24	3	130	5.0	
S	L51E 5475N	95	189	22	75	0.1	43	22	566	5.59	6	ND	ND	67	1	15	47	124	0.69	0.13	10	103	1.26	143	0.15	1.73	0.07	0.18	0.02	42	3	30	5.2	
S	L51E 5500N	13	176	16	84	0.2	35	16	570	3.67	2	ND	ND	45	1	9	38	107	1.10	0.11	9	76	1.26	150	0.11	1.61	0.07	0.10	0.01	24	2	40	6.1	
S	L51E 5525N	10	173	13	52	0.2	29	19	483	3.67	6	ND	ND	40	1	4	25	102	0.90	0.10	7	107	1.04	140	0.12	1.30	0.04	0.17	0.01	17	2	30	6.4	
S	L51E 5550N	13	391	9	84	0.8	25	16	1171	2.80	2	ND	ND	43	1	2	11	74	1.24	0.19	13	102	0.85	212	0.04	1.77	0.04	0.09	0.01	10	2	40	6.5	
S	L51E 5600N	8	136	9	77	0.2	40	18	639	3.62	9	ND	ND	35	1	3	17	115	0.88	0.08	7	174	1.15	173	0.10	1.69	0.05	0.08	0.01	13	2	5	6.5	
S	L51E 5625N	8	117	7	86	0.2	36	13	417	4.04	5	ND	ND	35	1	2	13	132	0.81	0.05	5	160	1.20	158	0.13	1.92	0.05	0.06	0.01	13	3	5	6.4	
S	L51E 5650N	8	102	13	84	0.7	40	8	417	4.07	8	ND	ND	33	1	2	36	139	0.87	0.08	5	190	1.23	163	0.12	1.63	0.05	0.08	0.01	17	3	5	6.5	
S	L51E 5675N	6	48	9	52	0.1	30	5	211	3.60	10	ND	ND	24	1	2	22	125	0.33	0.03	3	129	0.90	89	0.20	1.24	0.04	0.04	0.01	10	2	240	4.8	
S	L51E 5700N	6	85	8	73	0.1	38	10	368	4.78	4	ND	ND	23	1	2	11	148	0.55	0.05	2	165	1.37	74	0.21	1.69	0.05	0.08	0.01	11	3	10	5.5	
S	L51E 5725N	5	35	3	50	0.1	26	6	236	4.19	6	ND	ND	18	1	2	5	122	0.23	0.12	2	137	1.03	46	0.21	1.24	0.03	0.05	0.01	8	2	5	4.5	
S	L51E 5750N	6	36	12	52	0.1	30	13	362	3.90	8	ND	ND	19	1	4	30	133	0.26	0.05	4	150	0.84	64	0.24	1.07	0.04	0.04	0.01	16	2	5	4.9	
S	L51E 5775N	1	14	3	24	0.1	12	7	96	2.16	2	ND	ND	12	1	3	13	77	0.21	0.02	1	145	0.36	38	0.14	0.41	0.03	0.03	0.01	9	1	5	4.8	
S	L51E 5800N	5	31	10	71	0.1	26	9	210	3.82	3	ND	ND	20	1	3	22	130	0.32	0.05	2	146	0.82	40	0.27	1.08	0.04	0.04	0.01	6	2	50	4.9	
S	L51E 5825N	3	44	2	64	0.1	34	5	243	4.53	2	ND	ND	22	1	2	2	142	0.27	0.07	1	150	1.15	29	0.26	1.58	0.04	0.04	0.01	3	2	30	4.8	
S	L51E 5850N	3	37	7	93	0.1	25	4	466	4.95	4	ND	ND	22	1	2	2	167	0.29	0.08	2	100	1.26	103	0.32	1.65	0.04	0.11	0.01	3	3	5	4.7	
S	L51E 5875N	6	93	3	68	0.1	47	5	328	4.81	2	ND	ND	30	1	2	2	137	0.34	0.08	1	140	1.51	41	0.25	1.91	0.04	0.06	0.01	5	2	20	4.6	
S	L51E 5900N	3	40	9	68	0.1	46	6	284	4.89	2	ND	ND	18	1	2	5	148	0.24	0.07	1	171	1.37	33	0.29	1.74	0.04	0.05	0.01	6	2	20	4.9	
S	L51E 5925N	5	89	4	82	0.1	46	4	296	4.85	4	ND	ND	23	1	2	8	145	0.26	0.07	2	186	1.42	38	0.30	2.09	0.05	0.06	0.01	8	2	10	4.9	
S	L51E 5950N	3	36	7	64	0.1	43	5	338	5.72	9	ND	ND	19	1	2	10	212	0.23	0.07	1	184	1.34	22	0.40	1.72	0.05	0.03	0.01	7	3	5	5.1	
S	L51E 5975N	5	69	8	51	0.1	40	6	247	5.20	2	ND	ND	21	1	2	2	168	0.20	0.05	2	148	1.01	34	0.33	1.81	0.04	0.04	0.01	3	3	20	5.3	
S	L51E 6000N	5	72	3	70	0.1	58	5	252	5.06	2	ND	ND	16	1	2	2	147	0.20	0.07	1	181	1.45	30	0.26	1.92	0.04	0.04	0.01	1	2	240	5.0	

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## CERTIFICATE OF ANALYSIS

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To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Certificate: **91212C**  
Invoice: **20363**  
Date Entered: **91-08-23**  
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Page No.: **1**

Project: 1384  
Type of Analysis: ICP

201-

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DM
S	L51E 6025N	6	73	2	52	0.1	68	25	298	6.04	3	ND	ND	23	1	2	2	149	0.22	0.08	3	62	1.53	44	0.24	2.56	0.05	0.04	0.01	6	3	30	4.8	
S	L51E 6050N	6	55	6	55	0.1	86	27	330	6.13	2	ND	ND	20	1	5	2	184	0.20	0.07	2	83	1.79	44	0.28	2.25	0.04	0.05	0.01	5	3	10	4.9	
S	L51E 6075N	7	61	10	49	0.1	63	28	284	5.61	3	ND	ND	20	1	4	2	158	0.20	0.06	2	66	1.39	46	0.23	2.01	0.05	0.05	0.01	12	3	460	4.7	
S	L51E 6100N	7	140	17	55	0.1	89	30	381	4.44	6	ND	ND	36	1	2	2	118	0.31	0.07	3	79	2.10	66	0.23	2.62	0.04	0.07	0.01	12	2	15	4.7	
S	L51E 6125N	7	66	5	48	0.1	100	29	328	5.09	5	ND	ND	25	1	2	5	155	0.23	0.07	3	81	1.95	57	0.25	2.46	0.05	0.04	0.01	11	3	5	4.7	
S	L51E 6150N	6	76	3	44	0.2	89	29	298	5.03	4	ND	ND	30	1	6	3	149	0.25	0.12	3	66	1.81	49	0.22	2.30	0.04	0.05	0.01	11	3	20	4.4	
S	L51E 6175N	7	84	3	54	0.1	73	31	443	5.92	4	ND	ND	25	1	7	6	151	0.26	0.10	3	60	1.76	57	0.20	2.41	0.05	0.07	0.01	13	3	20	4.4	
S	L51E 6200N	6	75	6	47	0.2	48	27	265	4.05	4	ND	ND	27	1	7	5	117	0.29	0.07	4	42	1.24	57	0.18	2.28	0.05	0.03	0.01	12	2	200	5.0	
S	L51E 6225N	7	72	6	47	0.1	60	30	331	5.44	3	ND	ND	25	1	3	6	151	0.23	0.09	4	50	1.43	44	0.20	1.98	0.05	0.05	0.01	11	3	200	4.4	
S	L51E 6250N	5	42	6	37	0.4	35	21	191	3.15	2	ND	ND	23	1	4	6	103	0.22	0.06	4	32	0.89	58	0.19	1.31	0.04	0.03	0.01	10	2	20	4.2	
S	L51E 6275N	5	81	3	52	0.1	60	26	247	3.90	5	ND	ND	31	1	7	2	115	0.32	0.06	3	56	1.30	66	0.21	1.85	0.04	0.05	0.01	2	2	10	4.8	
S	L51E 6300N	5	54	5	55	0.1	60	27	301	4.88	7	ND	ND	27	1	5	2	145	0.26	0.10	2	51	1.34	37	0.24	1.69	0.04	0.04	0.01	1	3	20	4.3	
S	L51E 6325N	6	182	1	70	0.1	96	37	441	5.29	7	ND	ND	27	1	7	2	123	0.33	0.09	3	83	1.86	66	0.19	2.74	0.05	0.08	0.01	5	2	30	5.1	
S	L51E 6350N	7	104	5	75	0.1	74	36	2223	6.25	6	ND	ND	24	1	17	2	154	0.34	0.14	3	66	1.64	71	0.19	1.83	0.06	0.06	0.01	7	3	20	4.5	
S	L51E 6375N	6	245	3	76	0.1	93	46	571	5.62	5	ND	ND	26	1	8	2	135	0.38	0.06	3	92	1.72	103	0.20	2.90	0.06	0.08	0.01	6	3	40	4.8	
S	L51E 6400N	6	86	1	63	0.1	66	30	343	5.31	5	ND	ND	19	1	5	2	130	0.24	0.09	2	75	1.61	48	0.18	2.03	0.05	0.06	0.01	5	2	40	4.5	
S	L51E 6425N	4	47	4	58	0.2	55	26	287	5.26	5	ND	ND	18	1	8	2	163	0.30	0.06	2	66	1.22	36	0.26	1.48	0.05	0.06	0.01	3	3	20	4.5	
S	L51E 6450N	5	41	1	58	0.1	43	24	278	5.50	3	ND	ND	16	1	5	2	182	0.20	0.05	2	53	1.03	36	0.29	1.39	0.05	0.03	0.01	1	3	10	4.3	
S	L51E 6475N	4	34	1	45	0.1	30	19	185	5.32	2	ND	ND	19	1	2	2	183	0.24	0.05	2	53	0.68	33	0.30	0.92	0.04	0.02	0.01	1	3	70	4.4	
S	L51E 6500N	5	71	1	72	0.1	53	24	385	6.79	3	ND	ND	18	1	9	2	180	0.24	0.17	2	52	1.45	66	0.24	2.14	0.04	0.05	0.01	1	3	5	4.5	
S	L51E 6525N	5	47	9	52	0.1	41	26	268	5.27	5	ND	ND	23	1	8	3	157	0.26	0.06	3	50	1.07	53	0.25	1.66	0.05	0.05	0.01	5	3	70	4.3	
S	L51E 6550N	2	81	1	59	0.1	40	23	360	4.96	2	ND	ND	26	1	2	2	139	0.51	0.08	1	49	1.65	118	0.17	2.27	0.05	0.15	0.01	1	2	20	5.5	
S	L51E 6575N	8	76	14	59	0.1	45	26	288	4.70	9	ND	ND	21	1	12	4	161	0.24	0.04	3	58	1.19	71	0.27	1.61	0.06	0.04	0.01	10	3	15	4.4	
S	L51E 6600N	16	122	1	87	0.1	47	36	863	5.43	2	ND	ND	24	1	6	2	136	0.30	0.07	3	45	1.37	59	0.24	2.08	0.06	0.06	0.01	4	3	10	4.7	
S	L51E 6625N	7	144	49	88	0.1	62	40	1653	5.48	6	ND	ND	23	1	13	2	149	0.42	0.09	4	89	2.29	128	0.07	2.52	0.05	0.05	0.01	10	3	10	5.5	
S	L51E 6650N	19	294	14	54	0.1	41	26	249	3.84	2	ND	ND	37	1	13	4	93	1.15	0.06	5	57	0.82	172	0.14	1.56	0.05	0.05	0.02	8	2	1080	6.8	
S	L51E 6675N	17	369	18	90	0.1	48	34	563	4.39	2	ND	ND	56	1	21	6	106	1.43	0.08	7	46	1.53	212	0.16	2.61	0.07	0.10	0.01	19	2	20	6.7	
S	L51E 6700N	6	148	9	59	0.1	35	43	662	4.73	11	ND	ND	33	1	13	7	94	0.58	0.08	5	31	1.12	74	0.16	1.87	0.06	0.01	0.02	11	2	35	5.3	
S	L51E 6725N	8	181	10	64	0.1	31	39	513	3.89	7	ND	ND	57	1	17	6	93	1.03	0.11	4	30	1.35	111	0.17	1.91	0.07	0.10	0.01	13	2	30	5.9	
S	L51E 6750N	6	172	6	69	0.1	38	38	753	4.19	4	ND	ND	78	1	12	4	103	0.90	0.08	4	32	1.58	142	0.13	2.11	0.06	0.17	0.01	9	2	30	6.5	
S	L52E 4300N	5	93	42	108	0.1	48	31	999	4.37	6	ND	ND	29	1	10	2	116	0.30	0.08	3	137	1.97	93	0.13	2.35	0.05	0.06	0.01	7	2	25	4.9	
S	L52E 4325N	5	164	80	124	0.1	56	37	1079	5.58	5	ND	ND	24	1	14	2	166	0.44	0.07	4	145	2.55	110	0.18	2.64	0.05	0.13	0.01	9	3	30	5.3	
S	L52E 4350N	5	140	97	115	0.1	48	37	817	5.74	6	ND	ND	26	1	10	2	165	0.48	0.08	3	80	2.25	139	0.17	2.62	0.05	0.04	0.01	10	3	20	5.8	
S	L52E 4375N	8	286	28	115	0.1	141	61	1792	6.74	3	ND	ND	41	1	17	2	220	1.01	0.10	4	205	4.49	671	0.22	3.75	0.08	0.44	0.01	14	5	130	6.3	
S	L52E 4400N	6	287	42	126	0.1	85	54	2468	6.63	5	ND	ND	27	1	13	2	184	0.30	0.14	6	120	3.54	156	0.15	3.85	0.07	0.11	0.01	8	4	50	5.4	
S	L52E 4425N	22	102	10	85	0.1	45	31	429	4.66	6	ND	ND	31	1	14	4	131	0.64	0.06	4	46	1.19	170	0.20	1.97	0.05	0.06	0.01	10	3	20	5.4	
S	L52E 4450N	6	102	57	108	0.4	67	43	2225	6.69	7	ND	ND	21	1	9	2	226	0.22	0.08	3	109	2.78	222	0.21	2.97	0.07	0.07	0.01	11	4	60	4.9	
S	L52E 4475N	7	192	36	102	0.1	126	54	2458	6.23	8	ND	ND	25	1	14	2	170	0.30	0.15	6	171	4.09	201	0.11	4.05	0.07	0.08	0.01	11	4	50	5.5	
S	L52E 4500N	6	370	9	107	0.1	121	59	1719	7.46	3	ND	ND	19	1	20	2	288	0.49	0.08	5	226	4.72	168	0.25	3.88	0.07	0.26	0.01	11	6	20	5.7	
S	L52E 4525N	7	1423	30	125	0.1	107	85	2205	7.18	4	ND	ND	43	1	17	2	263	0.43	0.10	5	134	4.52	166	0.26	4.45	0.08	0.37	0.01	13	5	40	5.1	

CERTIFIED BY: \_\_\_\_\_

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
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Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91212 C  
Invoice: 20363  
Date Entered: 91-08-23  
File Name: TEK91212.C  
Page No.: 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPB DH
S	L52E 4550N	7	210	59	107	0.4	75	46	1807	6.81	8	ND	ND	35	1	10	2	148	0.37	0.12	5	68	2.57	214	0.10	2.65	0.06	0.09	0.01	7	3	80	5.3	
S	L52E 4575N	5	92	36	86	0.1	144	50	2663	4.78	6	ND	ND	26	1	10	2	146	0.27	0.13	2	163	2.55	192	0.13	2.56	0.06	0.04	0.01	4	3	20	4.5	
S	L52E 4600N	11	104	46	104	0.1	59	44	1800	7.85	2	ND	ND	26	1	11	2	220	0.31	0.09	4	70	2.46	269	0.12	2.85	0.06	0.05	0.01	5	4	40	5.1	
S	L52E 4625N	6	25	10	47	0.3	13	18	340	3.09	2	ND	ND	21	1	2	2	101	0.15	0.06	3	44	0.86	65	0.14	1.15	0.04	0.04	0.01	2	2	20	4.3	
S	L52E 4650N	6	37	18	60	0.7	20	25	491	3.68	5	ND	ND	58	1	2	2	110	0.24	0.07	4	46	1.00	89	0.15	1.90	0.04	0.05	0.01	9	2	50	4.6	
S	L52E 4675N	8	71	10	87	0.1	15	28	477	6.36	3	ND	ND	47	1	6	2	135	0.26	0.19	4	11	1.68	125	0.16	3.55	0.06	0.10	0.01	7	3	10	4.7	
S	L52E 4700N	7	107	70	81	0.1	52	33	449	5.18	4	ND	ND	42	1	4	2	133	0.32	0.17	5	56	1.76	162	0.19	3.45	0.06	0.15	0.01	9	3	15	4.6	
S	L52E 4725N	4	45	2	83	0.1	74	34	984	4.58	3	ND	ND	57	1	2	2	145	0.43	0.14	1	86	1.61	224	0.16	2.39	0.07	0.46	0.01	2	3	10	4.5	
S	L52E 4750N	4	24	1	91	0.1	31	25	484	5.65	2	ND	ND	37	1	2	2	223	0.25	0.13	2	54	2.07	209	0.24	3.20	0.06	0.44	0.01	1	4	20	4.6	
S	L52E 4775N	10	82	17	55	0.3	16	19	197	4.64	7	ND	ND	46	1	5	2	152	0.19	0.09	2	14	0.44	121	0.18	1.31	0.04	0.06	0.01	61	3	35	4.8	
S	L52E 4800N	13	107	1	83	0.1	122	41	646	5.44	3	ND	ND	97	1	5	2	130	0.35	0.15	3	131	2.38	253	0.20	3.78	0.07	0.57	0.01	33	3	20	4.9	
S	L52E 4825N	30	112	17	98	0.1	30	26	1296	6.62	11	ND	ND	98	1	10	4	136	0.22	0.18	7	28	1.37	169	0.12	2.69	0.05	0.15	0.01	44	3	40	4.5	
S	L52E 4850N	13	61	6	68	0.2	37	23	576	4.09	2	ND	ND	41	1	3	2	127	0.20	0.08	3	54	1.10	98	0.17	2.72	0.05	0.07	0.01	26	3	30	4.7	
S	L52E 4875N	12	48	8	55	0.5	18	22	330	3.08	5	ND	ND	54	1	2	2	103	0.19	0.08	3	39	0.70	96	0.13	1.85	0.04	0.06	0.01	14	2	40	4.5	
S	L52E 4900N	35	147	17	83	0.3	55	36	731	6.37	3	ND	ND	110	1	4	2	129	0.36	0.15	5	54	1.65	239	0.17	3.32	0.06	0.28	0.01	44	3	50	5.0	
S	L52E 4925N	54	193	23	97	0.2	37	44	791	8.30	5	ND	ND	133	1	11	2	160	0.44	0.22	6	18	1.92	373	0.24	3.97	0.07	0.61	0.01	60	3	40	5.0	
S	L52E 4950N	31	80	9	70	0.1	29	22	300	5.20	5	ND	ND	41	1	2	2	152	0.23	0.09	4	30	0.92	114	0.17	2.40	0.06	0.09	0.01	8	3	40	4.5	
S	L52E 4975N	38	59	17	65	0.2	25	23	333	4.26	8	ND	ND	55	1	9	5	130	0.25	0.08	5	36	0.92	96	0.17	2.31	0.05	0.06	0.01	14	3	45	4.8	
S	L53E 4300N	5	64	140	112	0.1	49	37	1028	4.61	7	ND	ND	16	1	11	4	141	0.36	0.06	2	141	2.27	110	0.16	2.07	0.05	0.10	0.01	7	3	10	5.2	
S	L53E 4325N	6	213	461	152	1.2	79	50	1877	6.15	2	ND	ND	34	1	12	2	203	0.75	0.11	4	126	3.26	323	0.19	3.02	0.06	0.26	0.01	11	4	40	5.8	
S	L53E 4350N	7	159	174	125	1.3	62	41	1428	6.43	3	ND	ND	24	1	13	2	198	0.73	0.11	4	123	2.98	241	0.19	2.47	0.06	0.30	0.01	7	4	100	6.9	
S	L53E 4375N	6	156	43	104	0.1	66	43	1288	6.59	3	ND	ND	29	1	12	2	190	0.51	0.08	4	140	3.16	284	0.22	2.97	0.06	0.22	0.01	9	4	30	5.7	
S	L53E 4425N	6	245	5	88	0.1	74	52	1279	6.50	2	ND	ND	25	1	18	2	205	0.81	0.14	4	110	3.61	392	0.28	3.28	0.06	0.65	0.01	15	4	30	5.8	
S	L53E 4450N	5	85	20	71	0.1	47	31	505	5.94	3	ND	ND	21	1	16	2	170	0.36	0.05	3	100	2.09	73	0.18	2.25	0.05	0.06	0.01	5	3	20	5.3	
S	L53E 4475N	4	38	9	63	0.1	29	23	378	6.30	2	ND	ND	22	1	10	3	223	0.37	0.08	4	60	0.77	115	0.31	1.15	0.04	0.03	0.01	4	4	15	5.4	
S	L53E 4500N	4	132	161	107	0.1	47	34	585	5.57	2	ND	ND	23	2	10	2	167	0.56	0.07	2	69	1.48	107	0.17	1.58	0.04	0.05	0.01	1	3	20	5.9	
S	L53E 4525N	4	172	2	65	0.1	46	39	647	6.17	5	ND	ND	15	1	9	2	188	0.53	0.05	2	59	1.55	71	0.23	1.41	0.05	0.05	0.01	3	3	10	5.4	
S	L53E 4550N	8	223	38	114	0.1	88	60	1751	7.86	4	ND	ND	25	1	22	2	284	0.54	0.12	3	138	4.29	370	0.34	4.07	0.08	1.06	0.01	11	6	30	5.2	
S	L53E 4575N	7	590	7	97	0.1	77	51	1605	6.34	2	ND	ND	27	1	12	2	238	0.55	0.14	4	90	3.45	205	0.23	3.28	0.06	0.30	0.01	8	5	80	5.4	
S	L53E 4600N	7	336	15	101	0.1	82	50	1989	6.06	8	ND	ND	35	1	9	2	193	0.51	0.17	5	98	3.08	319	0.17	3.27	0.06	0.14	0.01	6	4	40	5.2	
S	L53E 4625N	8	219	29	87	0.1	75	41	1474	6.64	5	ND	ND	45	1	9	2	235	0.35	0.10	4	103	2.43	225	0.17	2.83	0.06	0.06	0.01	11	5	30	5.2	
S	L53E 4650N	74	307	12	83	0.1	36	30	504	9.27	6	ND	ND	74	1	15	2	186	0.35	0.13	3	27	0.95	79	0.27	2.08	0.07	0.04	0.01	307	3	20	5.1	
S	L53E 4675N	6	53	10	66	0.1	23	25	541	5.37	4	ND	ND	37	1	2	2	142	0.23	0.12	4	71	0.99	107	0.18	2.06	0.04	0.06	0.01	11	3	20	4.6	
S	L53E 4700N	6	84	2	69	0.1	32	26	695	5.50	2	ND	ND	40	1	2	2	134	0.24	0.14	3	76	1.34	109	0.17	2.66	0.05	0.08	0.01	6	3	210	4.5	
S	L53E 4725N	13	86	10	66	0.1	21	21	427	6.69	5	ND	ND	47	1	5	2	141	0.24	0.20	3	18	0.98	87	0.21	2.90	0.05	0.06	0.01	30	3	140	4.8	
S	L53E 4750N	32	133	1	80	0.1	33	31	452	7.52	4	ND	ND	130	1	10	2	159	0.19	0.16	3	44	2.10	422	0.32	3.88	0.08	0.83	0.01	48	1	20	5.0	
S	L53E 4775N	20	368	1	142	0.1	36	100	1258	8.65	4	ND	ND	196	1	13	2	280	0.31	0.28	4	12	2.77	452	0.36	4.71	0.10	1.28	0.01	69	5	10	5.3	
S	L53E 4800N	8	77	6	68	0.1	21	26	355	4.48	5	ND	ND	49	1	3	2	146	0.22	0.09	4	47	1.51	183	0.22	3.48	0.06	0.22	0.01	19	3	20	4.9	
S	L53E 4825N	18	138	6	92	0.1	37	33	792	7.04	7	ND	ND	79	1	13	2	165	0.23	0.22	6	26	1.43	262	0.13	3.99	0.07	0.33	0.01	34	3	10	4.6	
S	L53E 4850N	46	150	4	91	0.1	36	27	536	6.48	8	ND	ND	188	1	11	3	155	0.30	0.21	7	24	1.40	262	0.14	3.63	0.10	0.50	0.01	33	3	20	4.6	

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# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
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To: TECK EXPLORATIONS LTD.

# 960-175 SECOND AVE.

KAMLOOPS, B.C.

Project: 1384

Type of Analysis: ICP

Certificate: 91212 C

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File Name: TEK91212.C

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PRE FIX	SAMPLE NAME	PPM NO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM PH
S	L53E 4875N	22	84	1	63	0.1	30	28	324	5.71	7	ND	ND	52	1	5	2	138	0.23	0.14	3	37	1.26	139	0.20	3.83	0.06	0.10	0.01	15	3	10	4.8	
S	L53E 4900N	14	52	1	35	0.3	20	21	319	4.08	7	ND	ND	37	1	2	2	107	0.19	0.09	4	34	0.82	96	0.15	3.06	0.05	0.09	0.01	3	2	20	4.6	
S	L53E 4925N	103	88	2	58	0.1	16	23	538	5.48	5	ND	ND	126	1	9	2	118	0.46	0.20	5	6	0.86	180	0.08	3.44	0.07	0.16	0.01	11	2	25	4.5	
S	L53E 4950N	40	77	4	52	0.2	21	21	282	4.69	4	ND	ND	46	1	4	3	134	0.21	0.08	4	22	0.95	117	0.21	3.01	0.05	0.08	0.01	8	3	40	4.8	
S	L53E 4975N	25	72	9	44	0.1	24	24	278	4.78	7	ND	ND	34	1	6	2	114	0.24	0.09	4	29	0.91	82	0.17	2.23	0.04	0.06	0.01	6	2	100	4.5	
S	L53E 5000N	22	52	2	61	0.1	38	25	326	5.64	4	ND	ND	31	1	8	2	149	0.25	0.10	3	49	1.28	96	0.22	2.94	0.05	0.07	0.01	4	3	20	4.7	
S	L53E 5025N	29	53	2	66	0.1	33	20	308	5.62	6	ND	ND	30	1	4	2	150	0.16	0.11	4	46	1.04	100	0.24	2.85	0.05	0.07	0.01	4	3	10	4.6	
S	L53E 5050N	28	50	3	68	0.2	18	20	279	5.41	5	ND	ND	26	1	2	2	152	0.16	0.10	5	28	0.85	73	0.23	2.40	0.05	0.05	0.01	1	3	50	4.5	
S	L53E 5075N	28	53	1	60	0.3	15	20	197	4.59	4	ND	ND	30	1	2	2	118	0.20	0.08	4	19	0.63	99	0.17	2.08	0.05	0.05	0.01	4	2	20	4.6	
S	L53E 5100N	30	70	4	77	0.1	19	23	269	4.87	8	ND	ND	30	1	2	2	107	0.20	0.08	5	23	0.84	113	0.16	3.37	0.06	0.07	0.01	11	2	40	4.5	
S	L53E 5125N	35	72	5	66	0.1	23	24	313	5.42	5	ND	ND	33	1	8	3	112	0.23	0.09	6	23	0.98	113	0.15	3.13	0.06	0.08	0.01	10	3	30	4.5	
S	L53E 5150N	42	76	1	66	0.1	26	23	309	5.14	2	ND	ND	40	1	5	2	123	0.26	0.11	6	26	1.12	115	0.20	3.32	0.05	0.09	0.01	10	3	20	4.9	
S	L53E 5175N	49	86	1	77	0.1	20	22	288	5.61	5	ND	ND	33	1	7	2	135	0.20	0.08	6	22	0.88	119	0.22	2.78	0.06	0.08	0.01	11	3	50	4.8	
S	L53E 5200N	184	114	14	82	0.1	20	20	267	6.89	10	ND	ND	43	1	13	7	148	0.20	0.12	9	20	0.85	230	0.23	2.84	0.06	0.10	0.01	63	3	680	4.7	
S	L53E 5225N	96	80	6	83	0.2	19	22	269	5.15	4	ND	ND	37	1	7	3	107	0.24	0.12	7	34	0.89	163	0.15	3.02	0.07	0.08	0.01	14	2	20	4.7	
S	L53E 5250N	96	60	2	59	0.1	19	20	273	5.48	3	ND	ND	32	1	5	2	117	0.18	0.08	6	17	0.93	84	0.19	1.83	0.04	0.05	0.01	7	2	20	5.0	
S	L53E 5275N	77	80	21	77	0.2	24	22	388	6.69	7	ND	ND	38	1	10	6	132	0.22	0.10	9	19	1.10	123	0.17	2.65	0.06	0.07	0.01	17	3	20	4.1	
S	L53E 5300N	59	88	12	75	0.1	21	22	324	5.08	5	ND	ND	38	1	9	6	105	0.22	0.08	8	20	0.90	114	0.15	2.57	0.06	0.06	0.01	12	2	40	4.5	
S	L53E 5325N	50	86	1	59	0.1	21	23	407	6.06	2	ND	ND	35	1	4	2	123	0.25	0.15	7	20	1.08	124	0.16	2.89	0.05	0.06	0.01	5	2	10	4.9	
S	L53E 5350N	264	453	10	90	0.1	52	55	922	8.88	10	ND	ND	52	1	13	4	158	0.47	0.15	17	40	1.72	356	0.18	2.12	0.06	0.36	0.01	44	3	20	4.7	
S	L53E 5375N	144	129	7	83	0.1	56	31	823	6.73	2	ND	ND	42	1	7	2	146	0.40	0.14	12	59	1.86	261	0.19	2.39	0.05	0.23	0.01	31	3	10	5.4	
S	L53E 5400N	79	68	1	77	0.1	43	21	370	6.00	2	ND	ND	41	1	5	2	171	0.25	0.14	4	38	1.59	271	0.26	2.65	0.06	0.08	0.01	13	3	5	4.5	
S	L53E 5425N	40	89	1	56	0.1	34	24	376	4.63	4	ND	ND	47	1	2	2	108	0.40	0.17	6	34	1.41	109	0.14	2.06	0.05	0.09	0.01	10	2	10	4.3	
S	L53E 5450N	359	120	121	48	0.3	31	30	678	10.91	18	ND	ND	167	1	29	11	55	0.48	0.14	79	1	1.13	1090	0.07	1.56	0.05	0.09	0.03	314	2	20	4.4	
S	L53E 5475N	12	112	2	33	0.1	32	34	619	5.19	2	ND	ND	43	1	3	2	110	0.66	0.14	4	38	1.29	97	0.12	1.47	0.04	0.16	0.01	13	2	20	5.5	
S	L53E 5500N	25	139	5	75	0.2	49	28	585	4.84	6	ND	ND	43	1	2	2	107	0.43	0.11	7	63	1.79	121	0.16	2.65	0.05	0.10	0.01	3	2	130	5.9	
S	L53E 5525N	16	127	3	66	0.2	26	33	920	4.25	3	ND	ND	38	1	8	2	88	0.52	0.08	10	47	1.10	103	0.09	2.10	0.05	0.07	0.01	5	2	60	4.8	
S	L53E 5550N	13	42	3	56	0.2	23	23	477	5.17	2	ND	ND	25	1	2	2	138	0.22	0.06	3	45	0.81	108	0.24	1.40	0.04	0.05	0.01	1	3	10	6.0	
S	L53E 5575N	11	49	7	63	0.1	31	24	411	5.68	6	ND	ND	29	1	9	2	149	0.32	0.08	3	72	1.13	146	0.23	1.68	0.05	0.06	0.01	5	3	20	4.4	
S	L53E 5600N	5	33	1	87	0.1	36	25	333	6.02	3	ND	ND	15	1	2	2	200	0.47	0.05	2	58	1.31	73	0.25	1.79	0.04	0.08	0.01	1	4	5	4.7	
S	L53E 5625N	7	76	8	114	0.1	36	31	706	5.26	2	ND	ND	27	1	8	2	135	0.65	0.07	4	72	1.36	100	0.17	2.11	0.05	0.06	0.01	10	3	5	5.6	
S	L53E 5650N	7	40	7	58	0.1	36	25	289	5.82	3	ND	ND	26	1	5	4	165	0.35	0.05	3	72	0.96	54	0.26	1.50	0.05	0.05	0.01	6	3	20	5.8	
S	L53E 5675N	7	84	14	58	0.1	54	31	334	6.31	10	ND	ND	27	1	10	3	146	0.36	0.04	4	93	1.45	85	0.19	1.88	0.05	0.05	0.01	7	3	30	5.0	
S	L53E 5700N	6	166	15	70	0.1	57	33	558	6.54	9	ND	ND	22	1	15	4	172	0.41	0.05	3	114	1.46	108	0.21	1.78	0.06	0.05	0.01	9	3	10	4.9	
S	L53E 5725N	6	45	10	58	0.1	69	29	349	7.71	10	ND	ND	13	1	13	3	202	0.26	0.04	3	136	1.78	49	0.33	1.70	0.06	0.05	0.01	10	4	30	4.9	
S	L53E 5750N	4	32	8	55	0.1	46	28	327	7.40	7	ND	ND	18	1	9	6	198	0.25	0.05	2	108	1.22	32	0.29	1.40	0.05	0.03	0.01	4	4	10	4.9	
S	L53E 5775N	5	90	3	43	0.1	63	31	286	5.95	4	ND	ND	22	1	6	2	142	0.33	0.03	2	99	1.62	31	0.23	1.74	0.05	0.04	0.01	1	3	30	4.9	
S	L53E 5800N	4	32	1	80	0.1	34	24	368	5.80	4	ND	ND	20	1	4	2	155	0.29	0.11	4	67	1.56	55	0.24	1.99	0.05	0.07	0.01	4	3	10	4.2	
S	L53E 5825N	5	44	1	66	0.3	44	20	236	6.34	2	ND	ND	21	1	2	2	147	0.24	0.10	3	83	1.15	34	0.23	2.17	0.05	0.03	0.01	1	3	5	4.7	
S	L53E 5850N	6	79	1	71	0.2	66	24	365	5.80	4	ND	ND	29	1	5	2	143	0.30	0.08	3	87	1.75	53	0.25	2.69	0.06	0.03	0.01	4	3	15	4.8	

CERTIFIED BY: \_\_\_\_\_

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
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Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Certificate: 91212 C  
Invoice: 20363  
Date Entered: 91-08-23  
File Name: TEK91212.C  
Page No.: 4

Project: 1384  
Type of Analysis: ICP

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM Mn	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPB AA	OH
S	L53E 5875N	5	77	1	49	0.2	48	25	299	5.70	2	ND	ND	22	1	2	2	149	0.26	0.05	1	73	1.46	40	0.26	2.09	0.05	0.05	0.01	1	3	5	4.7	
S	L53E 5900N	5	46	1	58	0.3	44	24	317	6.31	5	ND	ND	16	1	2	2	170	0.19	0.08	1	69	1.66	43	0.27	2.31	0.05	0.05	0.01	2	3	5	4.8	
S	L53E 5925N	5	62	2	47	0.2	51	24	359	5.71	2	ND	ND	19	1	2	2	161	0.21	0.07	1	65	1.52	43	0.21	2.07	0.04	0.05	0.01	1	3	5	4.8	
S	L53E 5950N	6	57	3	65	0.1	57	22	305	6.65	2	ND	ND	24	1	4	2	210	0.23	0.08	2	54	1.40	55	0.26	2.01	0.05	0.04	0.01	1	4	160	4.8	
S	L53E 5975N	7	157	3	77	0.1	112	30	360	5.66	2	ND	ND	25	1	2	2	136	0.27	0.10	2	91	2.19	64	0.16	2.93	0.06	0.07	0.01	1	3	10	4.8	
S	L53E 6000N	5	73	2	66	0.5	66	23	261	5.02	5	ND	ND	24	1	2	2	134	0.26	0.08	4	63	1.43	96	0.22	2.51	0.05	0.06	0.01	1	3	20	5.0	
S	L53E 6025N	4	34	2	59	0.2	65	23	232	4.49	2	ND	ND	19	1	4	2	123	0.19	0.05	1	73	1.37	65	0.22	1.81	0.04	0.04	0.01	1	2	20	4.5	
S	L53E 6050N	6	123	5	78	0.4	70	34	719	4.87	4	ND	ND	30	1	5	2	133	0.70	0.08	5	76	1.72	124	0.13	2.20	0.05	0.08	0.01	5	3	10	6.0	
S	L53E 6075N	8	97	6	63	0.3	77	30	730	4.60	6	ND	ND	34	1	5	2	117	0.75	0.08	4	74	1.79	122	0.13	2.22	0.05	0.08	0.01	6	2	20	6.0	
S	L53E 6100N	5	54	5	61	0.5	65	22	280	4.23	9	ND	ND	27	1	2	2	123	0.30	0.07	2	62	1.51	44	0.21	2.16	0.05	0.05	0.01	5	2	5	4.6	
S	L53E 6125N	4	49	7	52	0.2	41	22	322	5.02	9	ND	ND	30	1	2	2	157	0.30	0.08	3	35	1.04	53	0.26	1.72	0.04	0.04	0.01	5	3	10	4.5	
S	L53E 6150N	5	73	3	58	0.1	77	26	384	5.10	9	ND	ND	29	1	2	2	136	0.31	0.05	2	66	1.86	66	0.25	2.30	0.05	0.05	0.01	6	3	20	4.6	
S	L53E 6175N	7	59	3	69	0.1	59	40	1035	4.15	8	ND	ND	31	1	2	2	116	0.38	0.08	3	47	1.43	77	0.22	1.94	0.05	0.05	0.01	5	2	40	5.1	
S	L53E 6200N	4	63	5	60	0.1	60	25	488	4.85	9	ND	ND	30	1	2	2	126	0.35	0.09	2	60	1.62	49	0.21	2.24	0.05	0.06	0.01	7	2	20	4.8	
S	L53E 6225N	6	81	7	58	0.5	85	24	348	4.40	7	ND	ND	24	1	2	2	116	0.25	0.08	2	75	1.72	48	0.19	2.22	0.05	0.05	0.01	5	2	30	4.7	
S	L53E 6250N	4	43	6	56	0.3	38	21	352	5.22	7	ND	ND	22	1	2	2	137	0.25	0.08	2	49	1.15	43	0.20	2.09	0.05	0.03	0.01	3	3	35	4.6	
S	L53E 6275N	5	51	1	49	0.4	43	22	265	4.96	6	ND	ND	20	1	2	2	123	0.22	0.08	3	46	0.98	46	0.21	1.58	0.04	0.04	0.01	3	2	170	4.4	
S	L53E 6300N	4	81	1	63	0.3	58	28	464	4.81	6	ND	ND	21	1	2	2	125	0.27	0.05	2	74	1.41	60	0.22	1.98	0.06	0.05	0.01	4	2	150	4.6	
S	L53E 6325N	6	89	8	58	0.1	58	27	348	4.39	3	ND	ND	27	1	4	5	125	0.64	0.07	3	70	1.45	106	0.18	1.72	0.05	0.06	0.01	8	2	10	5.7	
S	L53E 6350N	7	87	5	61	0.3	62	25	365	4.69	5	ND	ND	22	1	2	2	143	0.33	0.06	2	79	1.59	86	0.20	1.89	0.05	0.05	0.01	4	3	5	4.5	
S	L53E 6375N	8	152	10	72	0.3	63	28	595	4.87	2	ND	ND	29	1	2	2	128	0.49	0.06	3	90	1.66	119	0.16	2.13	0.05	0.05	0.01	5	3	10	5.0	
S	L53E 6400N	7	148	7	69	0.2	54	31	494	4.56	2	ND	ND	36	1	6	2	112	0.90	0.06	3	98	1.72	180	0.12	1.85	0.05	0.07	0.01	8	2	10	6.3	
S	L53E 6425N	10	34	5	70	0.1	52	22	295	4.29	5	ND	ND	29	1	4	2	140	0.59	0.05	3	55	1.22	121	0.24	1.44	0.05	0.06	0.01	4	3	10	5.1	
S	L53E 6450N	7	34	5	61	0.1	42	21	286	4.93	3	ND	ND	21	1	2	2	163	0.30	0.05	2	46	0.98	86	0.26	1.29	0.04	0.05	0.01	1	3	120	4.4	
S	L53E 6475N	11	41	3	55	0.1	42	23	286	5.04	2	ND	ND	23	1	4	2	153	0.41	0.05	2	57	1.18	77	0.25	1.48	0.05	0.06	0.01	4	3	30	4.9	
S	L53E 6500N	8	200	8	63	0.1	73	41	727	4.71	4	ND	ND	36	1	5	2	121	0.68	0.05	3	88	1.83	118	0.15	1.91	0.05	0.06	0.01	6	2	20	6.1	
S	L53E 6525N	5	132	6	52	0.4	75	28	338	4.42	2	ND	ND	20	1	2	2	114	0.33	0.05	2	93	1.81	87	0.14	1.84	0.05	0.06	0.01	4	2	20	4.4	
S	L53E 6550N	7	246	20	55	0.4	64	44	714	6.02	2	ND	ND	24	1	7	2	128	0.67	0.08	3	126	1.67	115	0.12	1.44	0.05	0.22	0.01	7	3	50	6.7	
S	L53E 6575N	6	184	12	65	1.2	66	37	420	5.41	6	ND	ND	31	1	14	2	124	0.82	0.06	3	109	1.76	121	0.13	1.58	0.05	0.08	0.01	9	3	170	6.7	
S	L53E 6600N	6	262	9	55	0.2	64	37	519	4.76	6	ND	ND	30	1	9	2	106	0.77	0.07	3	97	1.63	110	0.11	1.52	0.05	0.19	0.01	4	2	20	6.5	
S	L53E 6625N	7	171	13	69	0.1	60	29	416	4.36	2	ND	ND	40	1	6	2	103	1.11	0.08	3	90	1.62	150	0.11	1.53	0.04	0.14	0.01	9	2	50	7.0	
S	L53E 6650N	5	62	1	43	0.1	21	21	293	3.84	2	ND	ND	38	1	5	2	86	0.65	0.09	3	22	0.91	48	0.17	1.40	0.04	0.06	0.01	5	2	90	4.7	
S	L53E 6675N	6	134	8	68	0.1	38	25	493	4.22	2	ND	ND	67	1	2	2	102	0.88	0.08	4	27	1.23	104	0.12	1.47	0.04	0.10	0.01	7	2	10	6.3	
S	L53E 6700N	4	157	6	42	0.1	32	24	374	3.44	2	ND	ND	31	1	4	2	83	0.47	0.08	3	18	0.96	56	0.11	1.13	0.04	0.10	0.01	4	2	20	5.0	
S	L54E 4300N	6	157	86	130	0.7	64	28	950	5.47	3	ND	ND	29	1	4	2	172	0.37	0.08	3	96	2.60	153	0.16	2.60	0.05	0.10	0.01	8	3	40	5.0	
S	L54E 4325N	5	77	460	277	2.4	35	28	1124	4.61	5	ND	ND	20	2	7	2	120	0.46	0.08	3	229	2.73	140	0.13	2.38	0.05	0.05	0.01	10	3	30	5.8	
S	L54E 4350N	5	82	464	378	3.8	38	30	1577	4.87	2	ND	ND	26	5	7	2	136	0.84	0.13	3	68	1.84	135	0.10	2.01	0.05	0.08	0.01	5	3	60	6.5	
S	L54E 4375N	5	38	83	123	0.4	49	25	1225	4.36	2	ND	ND	14	2	5	2	120	0.63	0.08	3	194	3.18	137	0.16	2.55	0.06	0.11	0.01	5	3	30	5.9	
S	L54E 4400N	4	36	244	111	0.3	40	25	1021	3.38	2	ND	ND	15	1	2	2	98	0.52	0.06	1	254	2.76	52	0.16	2.23	0.06	0.08	0.01	3	2	20	4.8	
S	L54E 4425N	4	70	195	109	1.1	34	23	794	3.83	2	ND	ND	22	1	2	2	102	0.59	0.08	2	163	2.21	56	0.14	2.62	0.05	0.06	0.01	3	2	40	5.2	

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# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

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To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Certificate: 91212 C  
Invoice: 20363  
Date Entered: 91-08-23  
File Name: TEK91212.C  
Page No.: 5

Project: 1384  
Type of Analysis: ICP

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU	PPB AA	PPB DH
S	L54E 4450N	2	37	213	81	0.5	34	25	818	2.75	2	ND	ND	14	1	2	2	72	0.51	0.07	2	114	1.95	65	0.10	1.69	0.04	0.06	0.01	2	2	30	5.5	
S	L54E 4475N	4	30	51	96	0.1	23	21	804	4.30	2	ND	ND	36	1	2	2	119	0.41	0.09	4	39	1.36	146	0.15	2.10	0.05	0.08	0.01	1	2	10	5.1	
S	L54E 4500N	5	139	76	96	0.5	93	34	675	5.83	2	ND	ND	25	1	4	2	161	0.38	0.08	4	138	3.08	54	0.19	3.53	0.06	0.06	0.01	10	3	20	5.1	
S	L54E 4525N	4	92	46	83	0.4	56	27	822	4.53	2	ND	ND	19	1	2	2	115	0.30	0.07	3	138	2.24	48	0.17	2.47	0.05	0.08	0.01	1	2	40	5.0	
S	L54E 4550N	2	33	33	85	0.1	32	22	376	5.97	2	ND	ND	24	1	2	2	165	0.49	0.08	1	58	1.08	78	0.19	1.28	0.05	0.04	0.01	2	3	20	4.8	
S	L54E 4575N	4	45	60	107	0.4	36	17	517	6.37	2	ND	ND	23	1	2	2	207	0.25	0.07	3	46	1.53	67	0.29	2.30	0.05	0.04	0.01	1	4	20	5.0	
S	L54E 4600N	4	144	59	118	0.3	40	26	1226	6.63	2	ND	ND	18	1	3	2	238	0.26	0.08	2	58	2.53	64	0.24	2.80	0.06	0.07	0.01	7	5	50	5.0	
S	L54E 4625N	5	551	7	82	0.1	74	28	1220	4.80	2	ND	ND	30	1	5	2	130	0.73	0.14	4	94	2.63	218	0.17	2.61	0.04	0.23	0.01	8	3	20	5.9	
S	L54E 4650N	38	274	37	85	0.2	36	17	638	4.60	3	ND	ND	70	1	2	2	105	0.63	0.28	5	37	1.59	350	0.07	3.09	0.06	0.18	0.01	13	2	30	4.9	
S	L54E 4675N	8	363	7	113	0.6	95	40	1576	6.93	2	ND	ND	24	1	8	2	244	0.79	0.17	4	134	4.39	256	0.25	3.73	0.06	0.47	0.01	11	5	80	5.5	
S	L54E 4700N	13	94	7	99	0.1	42	15	552	5.51	2	ND	ND	53	1	2	2	138	0.27	0.18	4	43	1.68	163	0.20	3.12	0.06	0.13	0.01	17	3	10	4.8	
S	L54E 4725N	8	42	9	80	0.1	24	14	360	4.37	4	ND	ND	40	1	2	2	115	0.29	0.17	4	33	1.01	130	0.19	2.24	0.04	0.12	0.01	4	2	10	4.5	
S	L54E 4750N	10	90	2	103	0.1	32	18	396	4.21	4	ND	ND	35	1	2	2	84	0.27	0.08	5	32	1.22	114	0.16	3.98	0.06	0.07	0.04	7	2	60	5.0	
S	L54E 4775N	13	71	6	99	0.1	67	13	676	5.37	2	ND	ND	34	1	5	2	160	0.41	0.10	3	100	1.84	122	0.28	3.04	0.08	0.10	0.01	18	3	10	4.8	
S	L54E 4800N	44	219	1	80	0.2	65	18	440	5.19	5	ND	ND	73	1	2	2	129	0.36	0.11	4	96	1.78	161	0.27	3.76	0.07	0.54	0.01	41	3	5	4.8	
S	L54E 4825N	78	189	1	130	0.1	96	20	801	7.53	2	ND	ND	111	1	3	2	285	0.35	0.12	3	122	2.75	329	0.36	4.76	0.10	1.17	0.01	17	6	10	5.0	
S	L54E 4850N	35	93	1	83	0.2	27	7	375	4.80	5	ND	ND	42	1	2	2	168	0.19	0.15	3	30	1.78	236	0.22	3.76	0.06	0.52	0.01	5	3	5	4.6	
S	L54E 4875N	66	99	1	82	0.2	18	6	477	5.35	2	ND	ND	27	1	2	2	207	0.12	0.16	3	10	1.92	209	0.26	3.84	0.06	0.59	0.01	8	4	5	4.9	
S	L54E 4900N	35	60	1	52	0.3	16	6	233	4.40	4	ND	ND	23	1	2	2	139	0.19	0.09	2	23	1.17	75	0.24	2.78	0.04	0.11	0.01	2	3	10	4.8	
S	L54E 4925N	121	141	1	77	0.8	26	3	295	5.53	5	ND	ND	27	1	2	2	170	0.13	0.12	4	35	1.04	130	0.21	3.55	0.05	0.30	0.01	4	3	5	4.7	
S	L54E 4950N	48	70	2	49	0.4	16	7	375	4.42	5	ND	ND	34	1	2	2	128	0.19	0.09	4	12	0.81	110	0.17	2.84	0.05	0.08	0.01	4	2	20	4.7	
S	L54E 4975N	65	68	2	82	0.7	15	5	318	5.51	9	ND	ND	32	1	2	2	143	0.15	0.15	6	4	0.90	125	0.19	3.08	0.06	0.10	0.01	5	3	25	4.3	
S	L54E 5000N	78	69	1	52	0.8	13	7	239	4.63	4	ND	ND	37	1	2	2	129	0.18	0.12	5	1	0.79	137	0.15	2.90	0.05	0.05	0.01	2	2	10	4.4	
S	L54E 5025N	60	63	2	45	0.6	13	12	222	4.14	5	ND	ND	37	1	2	2	96	0.22	0.16	7	5	0.60	120	0.10	2.18	0.04	0.07	0.01	2	2	20	4.4	
S	L54E 5050N	113	148	9	63	1.9	18	14	218	3.78	6	ND	ND	40	1	5	3	85	0.24	0.12	10	18	0.79	101	0.10	2.22	0.05	0.09	0.01	4	2	10	4.2	
S	L54E 5075N	98	208	6	61	2.6	14	6	201	4.60	6	ND	ND	34	1	7	2	100	0.16	0.11	12	6	0.58	98	0.10	3.04	0.05	0.07	0.01	7	2	10	4.4	
S	L54E 5100N	36	30	3	22	0.3	5	8	80	2.42	4	ND	ND	27	1	2	2	67	0.13	0.03	6	2	0.23	64	0.09	1.44	0.02	0.03	0.01	1	1	30	4.5	
S	L54E 5125N	55	62	8	61	0.2	18	10	247	5.31	5	ND	ND	29	1	2	2	124	0.15	0.07	7	14	0.82	89	0.15	2.28	0.04	0.06	0.01	3	2	10	4.4	
S	L54E 5150N	70	56	8	49	0.1	12	9	159	4.69	4	ND	ND	40	1	2	2	112	0.19	0.08	9	1	0.56	119	0.13	2.18	0.04	0.06	0.01	3	2	20	4.4	
S	L54E 5175N	49	61	13	65	0.1	20	9	268	5.31	4	ND	ND	29	1	2	2	112	0.16	0.11	8	10	0.88	104	0.15	2.62	0.04	0.06	0.01	5	2	740	4.6	
S	L54E 5200N	97	126	17	58	0.1	21	20	439	3.88	5	ND	ND	38	1	4	2	79	0.24	0.08	15	17	0.93	161	0.11	1.84	0.04	0.08	0.01	3	2	20	4.5	
S	L54E 5225N	43	67	7	61	0.2	20	9	371	4.85	7	ND	ND	33	1	2	2	96	0.20	0.13	7	14	0.85	139	0.14	3.37	0.04	0.07	0.01	6	2	10	4.5	
S	L54E 5250N	37	46	13	50	0.5	13	13	238	3.90	4	ND	ND	35	1	2	2	99	0.23	0.07	7	5	0.58	100	0.15	1.88	0.04	0.05	0.01	5	2	20	4.5	
S	L54E 5275N	56	63	6	63	0.3	19	12	409	6.08	5	ND	ND	35	1	5	2	132	0.24	0.16	6	6	0.90	99	0.15	2.28	0.04	0.06	0.01	8	3	40	4.3	
S	L54E 5300N	48	69	16	60	0.2	19	10	378	6.52	2	ND	ND	38	1	2	2	156	0.25	0.13	7	4	0.97	134	0.24	2.45	0.05	0.06	0.01	6	3	25	4.5	

CERTIFIED BY: \_\_\_\_\_

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
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Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91212 D  
Invoice: 20363  
Date Entered: 91-08-23  
File Name: TEK91212.D  
Page No.: 1

201-

PRE FIX	SAMPLE NAME	PPM NO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MO	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM XU	PPM AA	OH
S	389 L54E 5325N	33	48	9	36	0.1	9	6	176	3.71	2	ND	ND	26	1	2	2	118	0.15	0.06	4	37	0.51	55	0.18	1.43	0.03	0.05	0.01	6	2	20	4.2	
S	L54E 5350N	25	67	5	19	0.1	12	10	341	4.91	2	ND	ND	30	1	2	2	99	0.21	0.08	4	31	0.78	67	0.14	1.89	0.04	0.05	0.01	7	2	80	4.7	
S	L54E 5375N	36	93	3	63	0.1	15	14	327	4.58	2	ND	ND	32	1	2	2	91	0.26	0.08	7	27	0.90	85	0.12	2.16	0.04	0.08	0.02	8	2	20	4.8	
S	L54E 5400N	63	377	1	64	0.1	21	15	374	3.96	3	ND	ND	58	1	2	2	74	0.51	0.10	12	23	0.90	91	0.08	1.70	0.04	0.08	0.01	7	2	30	6.1	
S	L54E 5425N	65	110	1	73	0.1	36	13	428	4.05	2	ND	ND	61	1	2	2	86	0.57	0.10	9	32	1.03	99	0.11	1.70	0.04	0.10	0.01	12	2	220	6.4	
S	L54E 5450N	107	96	9	57	0.1	32	14	343	3.64	5	ND	ND	58	1	2	2	83	0.56	0.10	9	22	1.15	93	0.10	1.70	0.05	0.09	0.01	11	2	20	5.1	
S	L54E 5475N	13	113	1	53	0.1	27	17	521	3.50	2	ND	ND	47	1	4	2	78	1.03	0.11	6	44	1.18	124	0.08	1.57	0.04	0.09	0.01	17	2	10	6.5	
S	L54E 5500N	13	172	6	39	0.2	29	20	568	3.67	2	ND	ND	45	1	2	2	83	0.80	0.12	8	40	1.23	115	0.10	1.66	0.04	0.14	0.01	11	2	35	6.8	
S	L54E 5525N	8	160	5	81	0.1	22	20	787	4.06	2	ND	ND	46	1	4	2	85	0.89	0.12	10	39	1.16	127	0.07	2.00	0.05	0.10	0.01	8	2	20	6.8	
S	L54E 5550N	10	137	2	67	0.1	22	17	417	4.09	2	ND	ND	46	1	2	2	91	0.62	0.10	6	43	1.20	79	0.12	1.98	0.05	0.09	0.01	7	2	150	6.1	
S	L54E 5575N	4	152	9	74	0.1	41	25	1645	4.91	2	ND	ND	27	1	5	2	124	0.59	0.12	6	42	1.32	110	0.09	2.04	0.04	0.07	0.01	10	2	30	5.4	
S	L54E 5600N	3	120	14	83	0.1	61	31	1353	3.82	5	ND	ND	14	1	2	2	107	0.48	0.12	6	39	1.73	90	0.12	2.05	0.04	0.05	0.01	6	2	5	5.1	
S	L54E 5625N	5	34	12	57	0.1	54	24	377	6.01	4	ND	ND	12	1	4	4	136	0.29	0.12	2	48	1.49	40	0.17	1.29	0.04	0.04	0.01	7	3	10	4.9	
S	L54E 5650N	3	65	7	46	0.1	46	24	475	5.17	2	ND	ND	16	1	2	2	127	0.27	0.10	3	47	1.38	42	0.16	1.60	0.04	0.05	0.01	5	2	60	5.7	
S	L54E 5775N	3	35	8	60	0.1	42	19	291	5.95	2	ND	ND	13	1	2	2	171	0.16	0.12	2	43	2.02	43	0.22	2.56	0.05	0.04	0.01	7	3	10	4.9	
S	L54E 5800N	2	59	9	46	0.1	39	18	288	4.71	2	ND	ND	16	1	2	2	115	0.21	0.10	2	41	1.33	32	0.16	1.75	0.04	0.04	0.01	4	2	40	5.1	
S	L54E 5825N	3	30	6	49	0.1	23	9	198	5.33	2	ND	ND	18	1	2	2	165	0.21	0.09	2	21	0.86	38	0.27	1.64	0.04	0.02	0.01	2	3	15	5.0	
S	L54E 5850N	2	65	10	63	0.1	54	16	250	4.89	2	ND	ND	17	1	2	2	126	0.20	0.11	2	35	1.46	38	0.23	2.35	0.05	0.05	0.01	5	2	20	4.9	
S	L54E 5875N	2	29	7	40	0.1	29	9	203	4.98	2	ND	ND	16	1	2	2	147	0.16	0.09	2	23	0.86	29	0.27	1.57	0.04	0.04	0.01	2	3	15	4.9	
S	L54E 5900N	1	27	6	46	0.1	31	13	233	6.32	2	ND	ND	15	1	2	2	170	0.18	0.10	1	35	1.02	24	0.24	1.53	0.04	0.03	0.01	1	3	15	4.5	
S	L54E 5925N	2	43	9	56	0.1	64	17	283	4.94	2	ND	ND	16	1	6	2	149	0.19	0.10	2	65	1.40	44	0.26	1.91	0.04	0.04	0.01	5	3	10	4.6	
S	L54E 5950N	4	81	14	56	0.1	79	23	270	5.78	4	ND	ND	16	1	7	6	158	0.19	0.12	3	62	1.78	42	0.22	2.29	0.05	0.06	0.01	13	3	10	4.6	
S	L54E 5975N	3	60	14	53	0.2	49	16	253	5.32	3	ND	ND	22	1	7	8	122	0.23	0.10	5	54	1.24	58	0.14	1.72	0.05	0.06	0.01	6	2	1	4.4	
S	L54E 6000N	2	30	7	48	0.1	53	13	274	4.57	2	ND	ND	18	1	2	4	162	0.22	0.09	2	56	1.13	45	0.29	1.34	0.04	0.05	0.01	7	3	15	4.4	
S	L54E 6025N	4	57	13	44	0.1	44	16	281	4.47	2	ND	ND	23	1	9	6	101	0.24	0.09	3	44	1.06	39	0.18	1.69	0.04	0.04	0.01	6	2	20	5.1	
S	L54E 6050N	3	54	12	49	0.1	61	15	250	3.76	4	ND	ND	20	1	8	8	109	0.25	0.10	4	51	1.46	39	0.17	2.23	0.05	0.07	0.01	7	2	5	4.8	
S	L54E 6075N	3	75	8	63	0.1	116	17	297	4.91	2	ND	ND	19	1	10	2	134	0.27	0.13	3	60	2.22	50	0.19	3.11	0.06	0.12	0.01	9	3	10	5.0	
S	L54E 6100N	2	44	5	49	0.1	45	15	218	4.77	2	ND	ND	23	1	4	2	127	0.22	0.10	2	30	1.12	57	0.23	1.95	0.05	0.08	0.01	6	2	30	4.6	
S	L54E 6125N	2	166	16	53	0.1	76	33	429	4.41	5	ND	ND	26	1	5	2	127	0.34	0.12	4	49	1.69	86	0.19	2.40	0.05	0.10	0.01	6	2	30	5.0	
S	L54E 6150N	4	50	8	46	0.1	43	18	283	4.37	3	ND	ND	32	1	7	3	129	0.58	0.11	3	36	1.19	113	0.22	1.58	0.05	0.07	0.01	7	2	120	6.2	
S	L54E 6175N	2	54	5	46	0.1	45	18	312	4.52	4	ND	ND	21	1	2	2	119	0.25	0.10	2	61	1.13	64	0.19	1.77	0.04	0.07	0.01	5	2	100	4.9	
S	L54E 6200N	3	37	5	35	0.1	28	10	197	3.48	6	ND	ND	26	1	2	2	113	0.31	0.08	2	47	0.78	42	0.21	1.21	0.04	0.04	0.01	4	2	10	5.1	
S	L54E 6225N	2	68	2	41	0.1	28	16	324	4.09	3	ND	ND	26	1	2	2	116	0.32	0.08	4	44	0.91	82	0.23	1.63	0.04	0.05	0.01	3	2	10	5.4	
S	L54E 6250N	2	38	1	43	0.1	32	13	233	4.87	2	ND	ND	24	1	2	2	139	0.29	0.10	1	44	0.97	46	0.23	1.59	0.04	0.05	0.01	5	2	80	4.9	
S	L54E 6275N	2	35	5	44	0.1	34	14	289	5.52	5	ND	ND	22	1	2	2	158	0.24	0.10	3	39	0.93	45	0.28	1.54	0.04	0.05	0.01	6	3	5	4.5	
S	L54E 6300N	3	49	1	36	0.1	29	9	221	3.96	5	ND	ND	28	1	2	2	112	0.31	0.09	3	39	0.93	34	0.20	1.61	0.04	0.05	0.01	2	2	70	4.7	
S	L54E 6325N	3	84	6	41	0.1	34	15	244	4.31	2	ND	ND	26	1	2	2	124	0.49	0.10	1	51	1.11	57	0.19	1.48	0.04	0.07	0.01	7	2	40	5.8	
S	L54E 6350N	1	268	1	46	0.1	45	25	358	4.91	5	ND	ND	19	1	2	2	120	0.33	0.11	1	45	1.35	51	0.14	1.97	0.04	0.06	0.01	3	2	150	4.7	
S	L54E 6375N	2	52	3	53	0.1	46	16	330	5.38	4																							

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91212 D  
Invoice: 20363  
Date Entered: 91-08-23  
File Name: TEK91212.D  
Page No.: 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AC	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU	PPB AA	PPB DH
S	429 L54E 6425N	5	51	3	49	0.1	38	16	538	4.64	2	ND	ND	17	1	2	2	155	0.30	0.09	2	43	1.17	109	0.27	1.51	0.04	0.08	0.01	3	3	5	4.7	
S	L54E 6450N	2	36	5	36	0.1	28	15	485	4.67	2	ND	ND	16	1	2	2	129	0.19	0.07	1	50	0.89	37	0.20	1.67	0.03	0.05	0.01	1	2	20	4.8	
S	L54E 6475N	2	49	3	45	0.1	38	15	297	5.63	4	ND	ND	19	1	2	2	143	0.27	0.10	1	47	1.20	38	0.20	1.87	0.04	0.06	0.01	3	2	5	4.7	
S	L54E 6500N	6	47	8	64	0.1	52	29	302	5.72	15	ND	ND	23	1	8	2	181	0.45	0.10	10	51	1.13	79	0.31	1.66	0.08	0.06	0.01	12	4	20	4.5	
S	L54E 6525N	9	1407	13	77	0.1	71	43	1740	4.93	7	ND	ND	43	1	2	2	118	1.22	0.14	14	54	1.21	229	0.09	2.38	0.07	0.12	0.01	11	3	50	6.3	
S	L54E 6550N	5	365	3	78	0.1	78	38	542	5.25	17	ND	ND	30	1	2	2	130	0.80	0.14	10	62	1.64	112	0.11	1.83	0.07	0.10	0.01	13	3	30	6.7	
S	L54E 6575N	16	272	9	67	0.1	71	37	1942	5.09	9	ND	ND	35	1	3	2	115	1.08	0.14	9	67	1.26	228	0.07	1.33	0.07	0.17	0.01	12	3	5	6.8	
S	L54E 6600N	15	250	7	59	0.1	55	34	619	4.96	8	ND	ND	38	1	2	2	117	0.92	0.14	9	46	1.26	119	0.13	1.37	0.07	0.15	0.01	13	3	30	7.0	
S	L54E 6625N	7	217	12	84	0.1	55	31	497	4.38	6	ND	ND	54	1	5	2	119	0.99	0.12	10	22	1.29	131	0.13	1.59	0.07	0.08	0.01	14	3	30	6.7	
S	L54E 6650N	2	55	3	81	0.1	30	14	413	3.50	2	ND	ND	28	1	2	2	102	0.45	0.09	1	37	1.06	144	0.15	1.32	0.03	0.19	0.01	1	2	5	4.5	
S	L55E 4300N	3	118	277	223	2.1	66	47	2549	5.81	15	ND	ND	28	4	12	2	171	0.56	0.15	8	96	1.80	183	0.13	1.91	0.07	0.08	0.01	16	3	40	4.2	
S	L55E 4325N	4	114	242	210	0.4	59	36	1891	5.52	16	ND	ND	25	1	11	2	169	0.75	0.18	7	102	2.24	220	0.13	2.13	0.07	0.09	0.01	14	4	40	5.9	
S	L55E 4350N	3	119	162	151	1.3	52	37	1550	4.89	14	ND	ND	36	2	16	2	130	0.98	0.18	11	102	2.27	203	0.16	2.68	0.08	0.09	0.01	19	3	20	6.3	
S	L55E 4375N	4	51	21	154	0.1	32	24	622	4.59	13	ND	ND	39	1	2	2	109	0.68	0.13	9	13	1.08	196	0.17	2.02	0.07	0.10	0.01	14	3	10	5.7	
S	L55E 4400N	3	67	27	103	0.1	43	28	1028	3.35	15	ND	ND	26	2	2	2	74	0.71	0.13	9	72	1.51	135	0.10	1.82	0.07	0.09	0.01	13	2	20	6.2	
S	L55E 4425N	4	83	18	105	0.1	33	29	779	3.75	14	ND	ND	30	1	2	2	74	0.40	0.11	10	24	1.34	152	0.10	3.37	0.07	0.10	0.02	20	2	40	5.4	
S	L55E 4450N	2	35	30	79	0.1	37	27	693	3.51	12	ND	ND	26	1	2	2	77	0.41	0.10	7	38	1.15	110	0.15	1.76	0.06	0.08	0.01	14	2	10	5.6	
S	L55E 4475N	3	43	18	106	0.1	28	22	682	3.91	13	ND	5	37	1	2	2	83	0.33	0.09	9	27	1.02	137	0.11	2.07	0.07	0.08	0.01	15	2	60	5.9	
S	L55E 4500N	3	66	16	76	0.1	44	34	960	4.25	15	ND	ND	22	1	2	2	97	0.35	0.13	7	53	1.77	105	0.14	2.18	0.07	0.07	0.01	18	2	20	5.4	
S	L55E 4525N	3	55	19	76	0.1	38	24	505	4.49	6	ND	ND	21	1	11	2	97	0.33	0.13	2	77	1.67	89	0.14	2.48	0.04	0.05	0.01	12	2	10	5.6	
S	L55E 4550N	2	72	21	70	0.1	36	26	1052	4.26	8	ND	ND	24	1	6	2	91	0.41	0.11	4	64	1.62	96	0.12	1.87	0.05	0.04	0.01	10	2	25	5.7	
S	L55E 4575N	3	28	14	90	0.1	18	16	424	5.01	3	ND	ND	55	1	9	2	112	0.35	0.10	4	29	1.15	102	0.17	2.07	0.04	0.08	0.01	7	2	40	4.7	
S	L55E 4600N	2	25	11	72	0.1	19	12	323	4.29	2	ND	ND	32	1	6	2	106	0.37	0.08	3	47	0.79	82	0.18	1.36	0.04	0.06	0.01	6	2	10	4.6	
S	L55E 4625N	3	26	18	65	0.1	26	14	263	5.67	1	ND	ND	16	1	10	2	146	0.26	0.10	3	59	0.89	37	0.25	1.62	0.04	0.02	0.01	9	3	15	5.1	
S	L55E 4650N	1	58	34	52	0.3	36	20	380	4.29	5	ND	ND	17	1	6	2	103	0.35	0.10	2	56	1.19	30	0.16	1.47	0.04	0.03	0.01	7	2	30	5.1	
S	L55E 4675N	3	32	29	56	0.2	24	12	194	3.98	5	ND	ND	26	1	7	2	133	0.27	0.08	3	39	0.77	65	0.23	1.46	0.04	0.03	0.01	8	2	20	4.7	
S	L55E 4700N	7	133	23	103	0.1	34	23	904	5.58	4	ND	ND	38	1	14	2	127	0.35	0.12	5	15	1.49	143	0.15	2.98	0.06	0.07	0.01	21	3	30	4.9	
S	L55E 4725N	7	49	15	89	0.1	27	17	388	5.66	3	ND	ND	29	1	2	2	132	0.35	0.10	5	20	0.89	120	0.20	1.89	0.05	0.08	0.01	14	3	20	4.8	
S	L55E 4750N	17	87	25	119	0.1	53	12	468	6.41	6	ND	ND	36	1	10	2	147	0.32	0.12	6	30	1.45	174	0.25	3.77	0.06	0.10	0.01	27	3	60	5.2	
S	L55E 4775N	95	84	9	70	0.1	14	3	272	7.04	2	ND	ND	23	1	2	2	173	0.27	0.06	2	27	0.24	113	0.20	0.72	0.03	0.06	0.01	7	3	5	5.4	
S	L55E 4800N	234	273	13	109	0.1	41	16	647	10.16	2	ND	ND	46	1	10	2	211	0.44	0.13	6	19	0.92	105	0.30	2.09	0.07	0.09	0.01	16	4	5	6.2	
S	L55E 4825N	293	309	11	111	0.1	55	22	529	8.96	5	ND	ND	33	1	14	2	172	0.37	0.14	5	51	1.45	83	0.30	2.76	0.06	0.21	0.01	23	3	5	4.9	
S	L55E 4875N	507	121	21	76	0.1	48	1	402	6.79	22	ND	ND	126	1	20	2	325	0.15	0.18	6	46	3.10	445	0.39	4.24	0.09	1.73	0.01	26	6	10	5.1	
S	L55E 4900N	785	108	23	105	0.1	29	1	442	8.82	19	ND	ND	48	1	21	2	321	0.16	0.15	6	9	2.05	193	0.38	4.14	0.07	0.27	0.01	24	6	5	4.9	
S	L55E 4950N	493	108	18	77	0.1	9	1	221	6.51	12	ND	ND	69	1	17	4	217	0.18	0.10	7	15	0.97	197	0.22	3.29	0.05	0.30	0.01	21	4	5	4.6	
S	L55E 4975N	435	75	21	56	0.1	9	5	123	4.67	2	ND	ND	32	1	10	6	178	0.18	0.06	6	12	0.37	115	0.21	1.32	0.04	0.11	0.01	13	3	5	4.5	
S	L55E 5000N	168	63	22	49	0.1	7	7	325	4.52	7	ND	ND	25	1	11	2	120	0.11	0.06	16	9	0.62	121	0.16	2.48	0.07	0.17	0.01	12	3	5	4.8	
S	L55E 5025N	154	77	51	22	1.0	11	9	112	3.80	5	ND	ND	45	1	8	2	64	0.11	0.04	17	10	0.19	171	0.06	2.00	0.03	0.05	0.01	22	2	670	4.5	
S	L55E 5050N																																	

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91212 D  
Invoice: 20363  
Date Entered: 91-08-23  
File Name: TEK91212.D  
Page No.: 3

PRE FIX	SAMPLE NAME	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	AU	HG	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	AL	NA	K	SI	W	BE	AL	AA	DH
S	L55E 5100N	73	79	14	51	0.1	16	14	316	6.28	3	ND	ND	32	1	9	2	128	0.25	0.09	6	28	0.80	109	0.14	2.16	0.05	0.07	0.01	16	3	40	4.8	
S	L55E 5125N	61	53	8	37	0.2	13	11	244	4.97	4	ND	ND	27	1	4	2	99	0.20	0.07	5	26	0.57	96	0.14	2.12	0.04	0.05	0.01	11	2	50	4.6	
S	L55E 5150N	65	100	13	49	0.1	9	8	258	5.40	2	ND	ND	73	1	2	2	103	0.21	0.06	16	15	0.43	153	0.12	2.12	0.04	0.05	0.01	11	2	5	4.4	
S	L55E 5175N	36	36	11	29	0.3	7	8	150	3.48	2	ND	ND	29	1	2	2	90	0.21	0.05	5	22	0.29	71	0.15	1.14	0.04	0.05	0.01	7	2	60	4.5	
S	L55E 5200N	30	37	9	29	0.2	9	8	172	3.56	2	ND	ND	31	1	3	2	90	0.24	0.06	4	26	0.42	71	0.14	1.19	0.04	0.04	0.01	7	1	30	4.4	
S	L55E 5225N	48	34	8	29	0.4	6	6	164	4.39	2	ND	ND	31	1	4	2	144	0.24	0.06	5	21	0.32	76	0.22	1.27	0.04	0.05	0.01	8	2	20	4.3	
S	L55E 5250N	65	75	14	59	0.1	17	12	391	6.75	3	ND	ND	41	1	7	2	150	0.27	0.10	6	26	0.92	153	0.19	2.27	0.06	0.08	0.01	17	3	70	4.6	
S	L55E 5275N	53	72	12	53	0.2	16	14	349	5.68	2	ND	ND	34	1	4	2	130	0.31	0.09	6	25	0.83	97	0.16	1.64	0.05	0.07	0.01	12	2	30	4.2	
S	L55E 5300N	49	74	16	60	0.8	17	12	331	6.56	3	ND	ND	32	1	9	2	130	0.25	0.10	5	41	0.83	113	0.17	2.13	0.04	0.07	0.01	18	3	10	4.4	
S	L55E 5325N	42	61	10	53	0.1	15	12	352	5.62	2	ND	ND	34	1	9	2	126	0.26	0.10	6	30	0.69	111	0.18	2.15	0.04	0.07	0.01	18	2	60	4.6	
S	L55E 5350N	41	124	14	66	0.1	24	29	755	4.93	6	ND	ND	43	1	14	2	98	0.41	0.11	9	36	1.08	149	0.13	2.15	0.05	0.08	0.01	16	2	40	5.0	
S	L55E 5375N	70	195	12	74	0.1	37	27	510	4.81	3	ND	ND	49	1	5	2	96	0.51	0.11	15	38	1.20	166	0.14	1.81	0.05	0.10	0.01	16	2	20	5.1	
S	L55E 5400N	51	66	6	40	0.1	36	14	324	6.32	2	ND	ND	32	1	8	2	120	0.51	0.11	4	42	0.99	124	0.14	1.06	0.04	0.12	0.01	48	2	60	4.0	
S	L55E 5425N	52	134	17	59	0.1	23	17	415	4.87	2	ND	ND	42	1	12	2	92	0.45	0.10	11	27	1.07	139	0.12	1.82	0.04	0.09	0.01	16	2	50	4.7	
S	L55E 5450N	22	79	22	63	0.1	38	25	505	5.23	2	ND	ND	41	1	13	2	130	0.82	0.14	5	41	1.44	110	0.17	1.92	0.04	0.10	0.01	19	3	30	6.0	
S	L55E 5475N	17	101	12	73	0.1	46	28	660	6.51	2	ND	ND	42	1	9	2	134	1.20	0.16	7	35	1.38	118	0.11	1.91	0.05	0.14	0.01	15	3	30	6.4	
S	L55E 5500N	9	97	12	67	0.1	31	25	617	5.82	2	ND	ND	39	1	9	2	121	0.78	0.14	7	44	1.18	87	0.13	1.86	0.05	0.08	0.01	12	2	50	5.7	
S	L55E 5525N	14	69	17	81	0.1	30	23	684	5.71	6	ND	ND	44	1	12	2	117	0.84	0.14	5	23	1.46	93	0.14	2.27	0.04	0.08	0.01	16	2	10	6.3	
S	L55E 5550N	12	163	13	95	0.1	45	34	3033	6.59	2	ND	ND	24	1	9	2	171	0.89	0.14	8	92	1.03	159	0.16	1.77	0.05	0.09	0.01	13	3	50	3.7	
S	L55E 5575N	15	85	12	104	0.1	37	26	847	5.90	2	ND	ND	24	1	6	2	174	0.58	0.11	3	48	1.00	76	0.23	1.64	0.05	0.08	0.01	12	3	5	5.3	
S	L55E 5600N	6	28	7	41	0.1	27	12	224	5.83	2	ND	ND	18	1	2	2	166	0.27	0.08	2	49	0.65	65	0.26	0.97	0.04	0.03	0.01	6	3	10	4.8	
S	L55E 5625N	6	36	9	55	0.1	38	17	317	7.07	2	ND	ND	18	1	6	2	197	0.30	0.11	2	44	1.06	84	0.29	1.33	0.05	0.05	0.01	7	3	20	4.6	
S	L55E 5650N	8	26	8	46	0.1	32	18	394	6.19	2	ND	ND	15	1	7	2	187	0.30	0.10	1	55	0.89	53	0.27	1.21	0.04	0.04	0.01	7	3	5	4.7	
S	L55E 5675N	5	34	8	44	0.1	44	20	281	6.99	2	ND	ND	13	1	8	2	171	0.31	0.10	2	68	1.14	46	0.25	1.30	0.04	0.04	0.01	8	3	10	5.3	
S	L55E 5700N	4	18	3	34	0.1	32	9	211	8.54	2	ND	ND	10	1	6	2	209	0.18	0.09	2	60	0.52	33	0.30	0.75	0.04	0.02	0.01	4	4	30	5.0	
S	L55E 5725N	7	42	10	63	0.1	43	18	378	7.53	2	ND	ND	19	1	5	2	210	0.34	0.12	3	5	1.17	47	0.36	1.65	0.05	0.06	0.01	8	4	10	4.9	
S	L55E 5750N	3	50	12	53	0.1	44	23	321	6.90	4	ND	ND	23	1	4	2	169	0.40	0.12	2	27	1.31	47	0.22	1.92	0.05	0.05	0.01	11	3	30	5.1	
S	L55E 5775N	5	55	12	67	0.1	43	15	334	6.93	5	ND	ND	24	1	8	2	164	0.34	0.11	3	26	1.24	74	0.24	2.36	0.05	0.05	0.01	11	3	10	5.0	
S	L55E 5800N	3	49	2	56	0.1	41	18	261	7.76	6	ND	ND	17	1	10	2	167	0.25	0.11	2	76	1.03	43	0.25	1.82	0.05	0.03	0.01	11	3	20	5.6	
S	L55E 5825N	4	50	14	72	0.1	83	18	345	6.82	11	ND	ND	16	1	10	2	177	0.26	0.14	2	48	1.66	46	0.26	2.80	0.06	0.04	0.01	13	3	15	5.3	
S	L55E 5850N	4	80	12	63	0.1	66	24	360	7.51	9	ND	ND	20	1	11	2	215	0.30	0.14	1	34	1.82	60	0.30	1.90	0.06	0.05	0.01	10	4	5	4.7	
S	L55E 5875N	6	83	13	99	0.1	112	48	2604	5.91	10	ND	ND	25	1	17	2	194	0.71	0.16	4	44	1.93	149	0.23	2.59	0.06	0.09	0.01	16	4	15	5.8	
S	L55E 5900N	4	65	7	51	0.1	77	19	315	6.33	6	ND	ND	20	1	11	2	190	0.27	0.13	2	32	1.50	48	0.30	1.99	0.05	0.07	0.01	10	3	10	4.8	
S	L55E 5925N	3	41	7	53	0.1	86	19	323	6.44	4	ND	ND	18	1	12	2	186	0.32	0.13	2	32	1.62	60	0.29	2.20	0.05	0.06	0.01	10	3	15	4.8	
S	L55E 5950N	3	37	7	37	0.2	43	15	240	5.33	5	ND	ND	22	1	6	2	164	0.29	0.10	3	25	0.89	47	0.28	1.39	0.05	0.05	0.01	7	3	20	4.5	
S	L55E 5975N	3	38	7	42	0.1	61	17	318	5.46	5	ND	ND	22	1	7	2	168	0.29	0.11	3	34	1.15	47	0.34	1.62	0.05	0.07	0.01	9	3	20	4.6	
S	L55E 6000N	3	38	12	49	0.1	80	22	407	5.31	6	ND	ND	25	1	3	2	149	0.41	0.12	2	42	1.61	48	0.24	2.07	0.05	0.07	0.01	6	3	10	4.8	
S	L55E 6025N	6	135	19	94	0.1	138	41	1083	6.88	15	ND	ND	23	1	11	2	181	0.35	0.18	4	71	2.45	143	0.22	2.99	0.05	0.22	0.01	16	4	10	4.4	
S	L55E 6050N	4	44	9	49	0.1	83	22	364	5.49	13	ND	ND	20	1	11	2	142	0.31	0.12	2	20	1.53	51	0.24	2.07	0.05	0.10	0.01	11	3	20	4.5	
S	L55E 6075N	5	44	11	49	0.1	52	17	256	5.48																								

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91212 D  
Invoice: 20363  
Date Entered: 91-08-23  
File Name: TEK91212.D  
Page No.: 4

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HC	PPM SR	PPM CD	PPM SE	PPM BT	% V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BT	PPM AU	PPM AA	PPM DH
S 509	L55E 6100N	4	45	15	56	0.1	75	22	386	5.65	5	ND	ND	23	1	6	2	165	0.46	0.14	2	42	1.56	139	0.25	1.84	0.05	0.07	0.01	9	3	25	5.2	
S	L55E 6125N	5	123	13	59	0.1	79	31	461	6.49	3	ND	ND	22	1	9	2	168	0.43	0.14	3	39	1.59	126	0.20	1.97	0.05	0.08	0.01	12	3	25	4.7	
S	L55E 6150N	6	61	11	67	0.1	68	18	342	6.74	11	ND	ND	17	1	12	2	174	0.32	0.14	2	16	1.61	82	0.25	2.51	0.05	0.08	0.01	11	3	40	1.8	
S	L55E 6175N	6	78	10	66	0.1	55	23	336	6.00	2	ND	ND	21	1	9	2	159	0.34	0.11	2	27	1.19	59	0.25	1.67	0.04	0.06	0.01	7	3	45	4.8	
S	L55E 6200N	6	128	8	59	0.1	56	27	392	6.53	7	ND	ND	19	1	10	2	161	0.36	0.14	2	10	1.39	90	0.22	1.95	0.04	0.05	0.01	12	3	30	4.8	
S	L55E 6225N	7	117	11	65	0.1	71	24	452	6.30	9	ND	ND	23	1	10	2	158	0.42	0.13	3	17	1.53	77	0.25	2.15	0.05	0.06	0.01	10	3	290	5.1	
S	L55E 6250N	4	43	9	40	0.1	36	12	197	4.83	5	ND	ND	20	1	11	2	154	0.31	0.10	2	12	0.78	56	0.29	1.10	0.04	0.05	0.01	8	3	100	4.5	
S	L55E 6275N	7	94	7	58	0.1	42	29	418	6.22	2	ND	ND	26	1	8	2	184	0.74	0.13	3	19	1.12	124	0.26	1.99	0.04	0.06	0.01	10	3	20	5.8	
S	L55E 6300N	9	278	19	64	0.1	65	38	3019	5.36	2	ND	ND	29	1	8	2	149	0.88	0.14	6	36	1.39	218	0.14	2.07	0.06	0.07	0.01	12	3	5	6.3	
S	L55E 6325N	6	72	11	57	0.1	39	24	621	5.56	2	ND	ND	28	1	4	2	174	0.76	0.13	3	24	1.20	121	0.25	1.61	0.04	0.06	0.01	9	3	60	6.2	
S	L55E 6350N	5	34	12	53	0.1	46	20	362	6.36	3	ND	ND	18	1	7	2	214	0.31	0.12	2	18	1.36	101	0.39	1.81	0.05	0.09	0.01	7	4	10	4.3	
S	L55E 6375N	2	22	6	40	0.2	36	13	207	5.35	2	ND	ND	18	1	3	2	163	0.31	0.08	2	23	0.70	37	0.29	1.11	0.04	0.03	0.01	6	3	10	4.5	
S	L55E 6400N	1	18	9	39	0.1	23	11	281	4.89	2	ND	ND	17	1	3	2	153	0.29	0.08	2	26	0.60	48	0.27	0.94	0.04	0.04	0.01	4	3	60	4.5	
S	L55E 6425N	3	39	12	53	0.1	49	19	450	6.78	5	ND	ND	17	1	2	2	198	0.32	0.12	2	23	1.34	34	0.24	1.76	0.05	0.05	0.01	9	3	30	4.4	
S	L55E 6450N	2	23	5	58	0.1	56	26	299	7.06	2	ND	ND	13	1	7	2	256	0.52	0.14	1	24	1.42	58	0.28	1.38	0.04	0.05	0.01	7	4	5	5.0	
S	L55E 6475N	5	316	21	73	0.1	54	30	926	5.25	4	ND	ND	38	1	6	2	138	0.88	0.15	6	25	1.65	186	0.16	2.41	0.06	0.13	0.01	9	3	20	6.1	
S	L55E 6500N	4	83	7	49	0.1	39	21	349	5.77	4	ND	ND	23	1	3	2	147	0.51	0.12	3	21	1.12	96	0.24	1.76	0.04	0.08	0.01	6	3	20	5.3	
S	L55E 6525N	24	1003	13	66	0.1	60	36	728	6.54	4	ND	ND	28	1	11	2	140	0.92	0.15	5	52	1.40	123	0.12	1.76	0.05	0.15	0.01	10	3	40	6.8	
S	L55E 6550N	7	300	12	52	0.2	41	26	397	3.66	2	ND	ND	37	1	10	2	106	0.77	0.12	4	37	1.23	96	0.17	1.67	0.04	0.12	0.01	11	2	20	6.4	
S	L55E 6575N	2	99	5	36	0.1	22	26	483	3.64	2	ND	ND	37	1	6	2	86	0.82	0.10	3	17	0.87	78	0.17	1.21	0.04	0.12	0.01	8	2	20	6.3	
S	L56E 4300N	3	111	80	121	0.1	42	27	1544	5.00	3	ND	ND	28	1	5	2	130	0.49	0.14	4	48	1.76	184	0.13	2.18	0.05	0.09	0.01	10	3	30	5.2	
S	L56E 4325N	4	37	20	108	0.2	15	11	500	4.17	2	ND	ND	24	1	10	2	77	0.26	0.10	5	11	0.99	107	0.15	2.66	0.04	0.09	0.01	8	2	10	4.9	
S	L56E 4350N	2	26	12	83	0.2	13	9	341	4.27	2	ND	ND	26	1	9	2	95	0.23	0.08	5	13	0.73	85	0.15	2.05	0.04	0.06	0.01	10	2	10	4.7	
S	L56E 4375N	4	35	23	118	0.1	20	14	498	5.05	4	ND	ND	22	1	7	2	95	0.31	0.10	5	23	1.00	121	0.16	2.45	0.05	0.07	0.01	9	2	10	5.2	
S	L56E 4400N	3	49	19	85	0.2	23	14	474	3.57	6	ND	ND	24	1	4	2	69	0.26	0.10	9	32	1.24	131	0.11	3.00	0.05	0.08	0.02	13	2	20	5.4	
S	L56E 4425N	2	21	20	71	0.2	18	8	289	3.58	2	ND	ND	19	1	7	2	83	0.22	0.08	5	41	0.81	56	0.17	1.68	0.04	0.05	0.01	6	2	15	5.0	
S	L56E 4450N	2	30	16	61	0.2	31	16	326	3.77	2	ND	ND	25	1	10	2	63	0.36	0.10	2	42	1.31	57	0.16	2.01	0.04	0.05	0.01	7	1	5	5.1	
S	L56E 4475N	3	31	17	80	0.1	26	13	336	4.05	9	ND	ND	19	1	4	2	77	0.27	0.10	4	41	1.17	69	0.13	1.98	0.04	0.06	0.01	12	2	5	4.9	
S	L56E 4500N	2	28	11	60	0.2	18	10	405	3.49	5	ND	ND	28	1	11	2	80	0.26	0.07	3	18	0.71	86	0.15	1.66	0.04	0.05	0.01	8	2	25	4.8	
S	L56E 4525N	3	42	13	82	0.1	27	17	446	4.23	2	ND	ND	26	1	6	2	81	0.33	0.10	3	23	1.28	75	0.14	2.48	0.05	0.05	0.01	12	2	25	5.2	
S	L56E 4550N	2	29	18	65	0.1	24	13	294	3.90	7	ND	ND	22	1	6	2	93	0.29	0.09	2	25	0.99	39	0.16	1.53	0.05	0.04	0.01	9	2	5	4.8	
S	L56E 4575N	2	28	10	49	0.1	22	12	268	3.85	4	ND	ND	24	1	6	2	75	0.31	0.09	3	18	0.89	50	0.13	1.48	0.05	0.04	0.01	7	2	10	5.1	
S	L56E 4600N	2	33	12	63	0.1	25	13	339	4.82	2	ND	ND	19	1	10	2	101	0.26	0.10	2	7	1.06	52	0.20	1.96	0.05	0.04	0.01	10	2	10	5.3	
S	L56E 4625N	2	46	10	65	0.1	30	16	300	4.53	2	ND	ND	17	1	5	2	88	0.30	0.10	2	18	1.12	42	0.13	1.61	0.05	0.03	0.01	9	2	5	4.3	
S	L56E 4650N	2	19	12	59	0.1	20	9	229	4.20	2	ND	ND	15	1	5	2	100	0.26	0.08	3	33	0.73	47	0.16	1.06	0.04	0.03	0.01	7	2	5	4.6	
S	L56E 4675N	4	197	16	83	0.1	26	16	494	5.08	7	ND	ND	28	1	14	2	100	0.27	0.10	4	4	1.25	77	0.09	2.86	0.05	0.05	0.01	11	2	100	4.5	
S	L56E 4700N	6	211	50	94	0.1	45	26	886	5.87	6	ND	ND	36	1	7	2	154	0.54	0.14	4	32	1.42	140	0.14	2.47	0.05	0.10	0.01	24	3	40	5.2	
S	L56E 4725N	9	129	34	127	0.2	30	34	3318	4.96	3	ND	ND	34	1	13	2	119	0.41	0.11	5	14	1.27	213	0.05	2.28	0.06	0.08	0.01	15	2	20	4.8	
S	L56E 4750N	70	142	16	115	0.2	19	14	1026	5.98	2	ND	ND	87	1	8	2	93	0.48	0.10	6	12	0.59	162	0.06	1.84	0.06	0.08	0.01	15	2	10	5	



# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-8910 Fax:299-6252

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.

KAMLOOPS, B.C.

Project: 1384

Type of Analysis: ICP

Certificate:

91212.E

Invoice:

20363

Date Entered:

91-08-23

File Name:

TEK91212.E

Page No.:

1

204

PRE FIX	SAMPLE NAME	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	AU	HG	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	AL	NA	K	SI	W	BE	AU	AA	PM
S 584	L56E 5650N	4	52	3	50	0.1	24	7	27.4	5.07	2	ND	ND	23	1	2	2	167	0.33	0.04	7	69	0.83	62	0.22	1.27	0.03	0.07	0.01	2	3	5	5.0	
S	L56E 5675N	4	30	5	42	0.1	20	5	180	4.89	2	ND	ND	23	1	6	2	175	0.25	0.01	3	35	0.57	41	0.25	0.97	0.04	0.04	0.01	1	3	5	5.0	
S	L56E 5700N	4	40	6	70	0.2	36	10	305	5.93	2	ND	ND	18	1	6	2	164	0.28	0.06	2	37	1.18	54	0.24	1.54	0.05	0.05	0.01	4	3	5	4.9	
S	L56E 5725N	4	43	5	66	0.1	41	12	315	6.33	2	ND	ND	18	1	2	2	164	0.28	0.06	2	34	1.24	51	0.25	1.65	0.05	0.04	0.01	4	3	10	5.1	
S	L56E 5750N	3	20	5	71	0.1	44	11	276	6.22	3	ND	ND	10	1	7	2	184	0.18	0.05	2	23	1.19	39	0.25	1.41	0.04	0.04	0.01	3	3	5	4.5	
S	L56E 5775N	3	41	8	79	0.2	36	12	339	5.84	2	ND	ND	15	1	2	2	138	0.23	0.05	2	23	1.17	64	0.18	1.83	0.04	0.04	0.01	4	3	50	4.8	
S	L56E 5800N	2	34	3	57	0.1	36	11	222	5.35	2	ND	ND	14	1	2	2	153	0.22	0.04	2	10	1.06	40	0.20	1.69	0.05	0.03	0.01	3	3	10	5.0	
S	L56E 5825N	3	17	1	43	0.1	22	8	186	5.62	4	ND	ND	13	1	3	2	166	0.17	0.01	2	5	0.50	30	0.28	0.94	0.04	0.01	0.01	2	3	10	4.8	
S	L56E 5850N	2	31	6	81	0.1	68	13	290	5.95	5	ND	ND	10	1	6	2	177	0.20	0.06	1	14	1.59	35	0.28	1.87	0.05	0.04	0.01	4	3	5	4.6	
S	L56E 5875N	4	38	10	71	0.5	81	13	266	5.84	4	ND	ND	16	1	2	2	214	0.48	0.08	2	5	1.51	76	0.29	1.82	0.05	0.05	0.01	4	4	10	4.6	
S	L56E 5900N	4	40	9	66	0.4	48	10	242	5.28	6	ND	ND	19	1	3	2	175	0.26	0.06	2	58	1.25	46	0.25	1.73	0.05	0.05	0.01	6	3	10	4.6	
S	L56E 5925N	4	43	10	57	0.3	60	10	272	5.25	5	ND	ND	21	1	3	2	158	0.25	0.06	3	44	1.29	49	0.27	1.89	0.04	0.05	0.01	3	3	15	4.6	
S	L56E 5950N	2	27	5	67	0.1	51	14	264	5.24	5	ND	ND	13	1	3	2	150	0.20	0.05	2	71	1.12	40	0.19	1.29	0.04	0.03	0.01	1	3	10	4.6	
S	L56E 5975N	3	46	6	81	0.2	52	12	288	6.43	5	ND	ND	17	1	7	2	144	0.23	0.07	2	39	1.32	50	0.21	1.95	0.05	0.03	0.01	5	3	30	4.8	
S	L56E 6000N	2	34	7	76	0.2	110	14	340	5.94	10	ND	ND	11	1	5	2	176	0.21	0.10	4	30	2.04	35	0.23	2.47	0.05	0.08	0.01	5	3	20	4.6	
S	L56E 6025N	3	30	17	55	0.2	41	11	208	4.72	8	ND	ND	14	1	13	9	123	0.20	0.04	3	28	0.89	32	0.19	1.36	0.05	0.03	0.01	4	2	25	4.8	
S	L56E 6050N	4	47	16	83	0.2	69	14	358	5.70	14	ND	ND	14	1	10	3	151	0.22	0.07	3	25	1.56	44	0.17	2.30	0.06	0.06	0.01	7	3	20	4.9	
S	L56E 6075N	3	65	10	76	0.3	64	18	302	5.07	10	ND	ND	19	1	8	8	160	0.36	0.07	3	18	1.42	41	0.23	1.79	0.05	0.05	0.01	10	3	40	5.2	
S	L56E 6100N	4	58	10	68	0.2	74	14	300	5.56	10	ND	ND	16	1	7	3	156	0.23	0.07	3	20	1.55	43	0.22	2.07	0.05	0.07	0.01	7	3	20	4.6	
S	L56E 6125N	3	29	4	62	0.1	40	14	241	4.94	3	ND	ND	22	1	2	2	152	0.31	0.04	2	18	1.02	55	0.28	1.25	0.04	0.04	0.01	5	3	50	4.8	
S	L56E 6150N	3	29	1	56	0.3	42	11	233	5.31	6	ND	ND	18	1	5	2	148	0.26	0.04	2	51	0.90	34	0.23	1.31	0.03	0.04	0.01	1	3	25	4.5	
S	L56E 6175N	2	77	4	63	0.2	50	18	283	5.59	5	ND	ND	19	1	10	2	145	0.36	0.06	2	43	1.16	50	0.18	1.75	0.04	0.04	0.01	3	3	20	4.4	
S	L56E 6200N	3	41	1	68	0.1	40	11	246	5.25	5	ND	ND	20	1	6	2	175	0.28	0.06	2	26	1.04	58	0.30	1.49	0.04	0.04	0.01	3	3	30	4.6	
S	L56E 6225N	4	55	7	66	0.1	46	11	337	5.25	5	ND	ND	20	1	7	2	147	0.30	0.05	2	23	1.30	55	0.22	1.93	0.04	0.05	0.01	1	3	30	4.9	
S	L56E 6250N	2	38	6	86	0.1	46	11	295	5.39	6	ND	ND	12	1	2	2	176	0.24	0.05	2	37	1.24	50	0.22	1.70	0.04	0.05	0.01	1	3	10	4.9	
S	L56E 6275N	4	37	10	84	0.1	49	16	407	5.71	4	ND	ND	14	1	7	2	172	0.25	0.06	2	37	1.29	55	0.26	1.74	0.04	0.06	0.01	2	3	5	4.8	
S	L56E 6300N	4	60	7	77	0.1	46	18	323	6.12	2	ND	ND	18	1	7	2	189	0.46	0.06	2	15	1.25	58	0.25	1.66	0.04	0.05	0.01	2	3	190	5.3	
S	L56E 6325N	6	189	23	115	0.2	52	27	1545	4.47	3	ND	ND	23	2	9	2	170	0.81	0.08	4	21	1.31	200	0.14	1.76	0.04	0.06	0.01	3	3	10	6.5	
S	L56E 6350N	4	99	4	64	0.1	40	26	431	4.61	2	ND	ND	25	1	8	2	131	0.76	0.06	2	2	1.23	106	0.14	1.61	0.03	0.07	0.01	4	2	30	6.5	
S	L56E 6375N	4	188	7	100	0.2	47	23	351	5.75	2	ND	ND	23	1	5	2	189	0.95	0.07	3	6	1.21	159	0.18	1.80	0.04	0.08	0.01	4	4	5	5.9	
S	L56E 6400N	2	72	11	40	0.1	37	25	332	6.57	2	ND	ND	17	1	2	2	171	0.49	0.06	2	54	0.79	64	0.10	0.84	0.03	0.10	0.01	1	3	20	6.5	
S	L56E 6425N	3	200	6	71	0.3	65	32	983	5.69	2	ND	ND	27	1	4	2	137	0.88	0.10	3	40	1.25	149	0.09	1.44	0.04	0.11	0.01	6	3	50	6.5	
S	L56E 6450N	4	59	10	60	0.1	47	28	500	6.25	3	ND	ND	19	1	2	2	181	0.70	0.10	2	36	1.23	79	0.13	1.21	0.04	0.16	0.01	1	3	160	6.3	
S	L56E 6475N	5	216	7	75	0.1	44	23	543	4.85	2	ND	ND	31	1	5	2	126	0.80	0.08	4	31	1.42	108	0.13	1.83	0.05	0.10	0.01	3	2	10	6.4	
S	L56E 6500N	5	201	8	72	0.1	47	24	476	4.68	3	ND	ND	30	1	3	2	127	0.91	0.10	4	23	1.34	120	0.14	1.84	0.04	0.09	0.01	5	3	15	6.4	
S	L56E 6525N	4	76	9	47	0.1	36	18	302	5.13	5	ND	ND	23	1	2	2	133	0.45	0.06	2	44	0.90	86	0.15	1.24	0.04	0.08	0.01	4	3	40	5.4	
S	L56E 6550N	6	148	4	66	0.1	30	22	445	4.00	5	ND	ND	36	1	6	2	104	0.76	0.07	3	14	1.07	81	0.15	1.55	0.04	0.07	0.01	3	2	60	5.5	
S	L56E 6575N	4	142	9	63	0.1	36	20	537	4.07	3	ND	ND	38	1	2	2	106	0.56	0.06	4	1	1.11	64	0.11	1.34	0.04	0.27	0.01	4	2	50	5.1	

CERTIFIED



# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

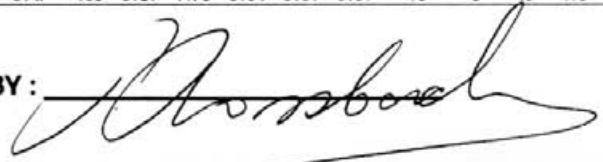
Project: 1384  
Type of Analysis: ICP

Certificate: 91225 B  
Invoice: 20370  
Date Entered: 91-08-25  
File Name: ~~TEK91225.B~~  
Page No.: 1

(PH ADDED)

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L49E 4300N	1	487	7	93	0.1	16	27	2547	6.72	3	ND	ND	276	1	2	2	222	1.05	0.18	6	30	2.97	513	0.16	3.60	0.08	0.14	0.01	14	4	50	6.9	
S	L49E 4325N	18	373	6	108	4.3	16	43	2747	8.37	3	ND	ND	207	1	2	2	273	0.74	0.19	4	22	3.66	360	0.14	3.53	0.07	0.23	0.01	4	5	880	6.6	
S	L49E 4350N	1	335	5	106	0.4	17	25	2769	6.72	2	ND	ND	185	1	2	2	244	1.15	0.20	7	24	3.39	624	0.23	3.92	0.07	0.24	0.01	2	4	160	6.5	
S	L49E 4375N	4	285	4	94	0.8	26	67	1792	7.20	2	ND	ND	165	1	2	2	194	0.81	0.17	5	22	2.69	312	0.14	3.08	0.06	0.09	0.01	4	4	310	6.5	
S	L49E 4400N	2	220	84	109	0.8	19	33	1740	7.09	2	ND	ND	62	1	2	2	200	0.72	0.17	4	22	2.90	280	0.12	2.92	0.05	0.06	0.01	1	4	200	7.4	
S	L49E 4425N	3	317	2	103	0.8	50	41	2279	7.90	2	ND	ND	40	1	2	2	264	0.86	0.21	3	41	4.41	199	0.19	3.60	0.06	0.02	0.01	5	5	80	7.4	
S	L49E 4450N	6	209	21	92	0.3	14	30	2443	6.72	2	ND	ND	65	1	2	2	113	0.85	0.14	25	13	1.96	432	0.04	2.73	0.06	0.09	0.01	8	3	120	7.0	
S	L49E 4475N	6	228	117	143	0.2	39	37	2123	7.85	4	ND	ND	35	1	2	2	219	0.62	0.17	5	20	3.32	267	0.11	2.95	0.06	0.02	0.01	7	4	140	7.3	
S	L49E 4575N	2	130	44	139	0.7	67	16	1384	6.78	2	ND	ND	42	1	2	2	181	0.26	0.12	3	37	2.48	143	0.11	3.49	0.06	0.01	0.01	2	3	40	5.2	
S	L49E 4600N	2	122	32	112	0.1	46	18	2476	5.55	3	ND	ND	38	1	2	2	158	0.17	0.10	3	32	1.75	144	0.10	3.17	0.06	0.01	0.01	1	3	50	4.9	
S	L49E 4625N	3	164	45	113	0.1	63	22	935	6.39	7	ND	ND	36	1	2	2	162	0.20	0.11	3	47	2.11	104	0.14	3.09	0.06	0.01	0.01	1	3	60	4.9	
S	L49E 4650N	4	99	24	117	0.1	46	22	2450	5.82	8	ND	ND	49	1	4	2	165	0.24	0.10	5	35	1.96	141	0.16	2.99	0.06	0.04	0.01	1	3	40	5.0	
S	L49E 4675N	4	80	26	269	0.1	37	14	943	6.00	7	ND	ND	45	1	2	2	156	0.23	0.10	4	31	1.38	194	0.15	2.73	0.05	0.01	0.01	1	3	60	4.9	
S	L49E 4700N	3	86	15	112	0.1	52	16	819	6.74	7	ND	ND	55	1	2	2	177	0.27	0.11	5	33	1.84	115	0.15	2.85	0.06	0.02	0.01	1	3	60	5.0	
S	L49E 4725N	3	42	4	65	0.2	26	11	521	4.99	4	ND	ND	33	1	2	2	136	0.21	0.08	5	29	1.28	93	0.13	2.29	0.05	0.01	0.01	1	2	90	4.9	
S	L49E 4750N	3	89	24	78	0.2	43	17	528	5.88	7	ND	ND	48	1	2	2	164	0.28	0.10	4	31	1.72	82	0.18	2.67	0.05	0.01	0.01	1	3	20	5.1	
S	L49E 4775N	3	52	6	57	0.1	70	13	449	4.58	6	ND	ND	48	1	6	2	141	0.26	0.10	2	45	1.64	83	0.19	2.28	0.05	0.08	0.01	2	2	30	5.1	
S	L49E 4800N	3	225	12	67	0.5	69	28	706	7.24	9	ND	ND	99	1	2	5	154	0.64	0.14	3	25	1.83	171	0.20	3.19	0.06	0.32	0.05	19	3	90	5.1	
S	L50E 4600N	10	165	4	83	0.1	36	44	1652	10.04	2	ND	ND	105	2	2	2	266	0.94	0.19	4	1	3.39	229	0.27	3.50	0.07	0.68	0.01	6	5	30	6.4	
S	L50E 4625N	3	87	2	72	0.1	48	26	1291	8.01	4	ND	ND	24	1	2	2	234	0.90	0.17	3	27	2.70	121	0.25	2.40	0.05	0.36	0.01	3	4	20	6.7	
S	L50E 4650N	1	73	2	70	0.1	67	34	926	7.85	5	ND	ND	18	1	3	2	202	0.80	0.15	2	42	2.46	94	0.23	2.12	0.05	0.32	0.01	7	3	20	6.7	
S	L50E 4675N	1	73	3	50	0.2	45	23	731	8.65	2	ND	ND	18	1	2	2	216	0.76	0.13	1	39	1.90	76	0.23	1.73	0.03	0.19	0.01	1	3	20	6.6	
S	L50E 4700N	1	93	2	84	0.1	31	23	1470	8.10	2	ND	ND	58	1	2	2	251	0.86	0.18	3	13	3.17	311	0.26	3.21	0.05	0.57	0.01	2	4	30	6.1	
S	L50E 4725N	3	65	23	92	0.1	52	14	740	7.15	3	ND	ND	43	1	2	2	222	0.20	0.10	2	24	1.72	121	0.23	2.50	0.04	0.01	0.01	1	4	100	5.0	
S	L50E 4750N	4	58	7	65	0.1	39	12	454	5.34	3	ND	ND	40	1	3	2	165	0.22	0.10	3	29	1.98	106	0.20	2.88	0.04	0.13	0.01	3	3	10	4.9	
S	L50E 4775N	3	96	6	84	0.1	44	11	521	6.19	8	ND	ND	51	1	2	2	163	0.23	0.10	4	26	1.75	107	0.20	3.57	0.05	0.01	0.01	1	3	10	4.9	
S	L50E 4800N	3	54	1	70	0.1	46	13	398	5.26	9	ND	ND	36	1	3	2	153	0.27	0.10	3	32	1.65	107	0.16	2.66	0.04	0.03	0.01	1	3	30	4.7	
S	L50E 4825N	3	59	4	67	0.2	37	13	491	5.90	9	ND	ND	33	1	2	2	161	0.25	0.10	2	27	1.69	65	0.16	2.71	0.05	0.01	0.01	2	3	20	4.8	
S	L50E 4850N	3	42	2	73	0.1	47	13	568	6.46	3	ND	ND	39	1	2	2	194	0.27	0.10	3	27	1.83	103	0.24	2.81	0.05	0.09	0.01	3	3	20	4.8	
S	L50E 4875N	6	41	9	55	0.2	32	11	456	5.66	7	ND	ND	30	1	3	2	171	0.20	0.07	3	26	1.11	94	0.18	2.05	0.04	0.05	0.01	5	3	30	4.9	
S	L50E 4900N	4	70	6	78	0.1	59	12	487	5.77	11	ND	ND	38	1	2	2	151	0.27	0.10	3	39	1.85	97	0.18	3.19	0.05	0.01	0.01	12	3	10	4.9	
S	L50E 4925N	12	49	3	70	0.1	41	10	614	5.22	9	ND	ND	30	1	2	2	135	0.24	0.08	3	35	1.46	124	0.17	2.75	0.05	0.15	0.01	4	3	20	4.7	
S	L50E 4950N	12	38	11	56	0.2	120	7	385	3.62	15	ND	ND	16	1	5	10	118	0.15	0.09	4	62	1.95	64	0.17	2.55	0.05	0.03	0.01	9	2	15	4.8	
S	L50E 4975N	31	70	10	89	0.2	33	10	735	5.72	11	ND	ND	41	1	5	7	140	0.20	0.09	8	27	1.26	126	0.19	2.85	0.06	0.05	0.01	14	3	30	4.7	
S	L52E 5000N	22	126	2	53	0.1	27	17	420	5.91	6	ND	ND	36	1	2	4	108	0.30	0.08	5	22	1.14	108	0.12	2.75	0.04	0.03	0.01	7	2	110	4.8	
S	L52E 5025N	27	80	3	75	0.1	24	8	354	6.41	7	ND	ND	25	1	2	7	151	0.19	0.10	4	21	1.19	102	0.21	2.76	0.06	0.02	0.01	6	3	10	4.7	
S	L52E 5050N	46	88	8	57	0.2	19	6	294	6.30	7	ND	ND	34	1	2	10	165	0.18	0.06	6	20	0.83	91	0.25	2.35	0.06	0.02	0.01	14	3	30	4.9	
S	L52E 5075N	42	101	7	70	0.3	36	10	329	6.72	11	ND	ND	28	1	3	10	146	0.19	0.09	6	22	1.26	95	0.20	2.82	0.06	0.01	0.01	15	3	35	4.7	
S	L52E 5100N	58	75	6	49	0.1	17	6	212	5.42	10	ND	ND	31	1	4	13	126	0.17	0.06	7	24	0.63	92	0.18	1.92	0.05	0.01	0.01	17	2	20	4.8	
S	L52E 5125N	67	70	8	44	0.3	11	4	157	5.69	4	ND	ND	29	1	2	5	144	0.15	0.06	6	27	0.47	105	0.21	1.75	0.04	0.01	0.01	16	3	40	4.6	

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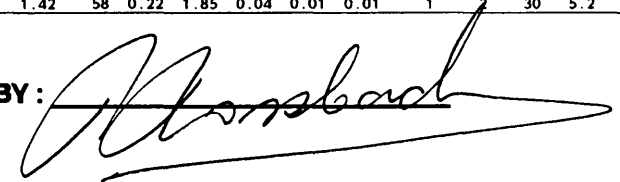
To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91225 B  
Invoice: 20370  
Date Entered: 91-08-25  
File Name: TEK91225.B  
Page No.: 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPB DH
S	L52E 5150N	449	243	7	86	0.1	17	1	508	7.94	10	ND	ND	58	1	2	8	223	0.39	0.14	10	15	2.32	409	0.41	3.22	0.08	1.38	0.01	15	4	10	5.1	
S	L52E 5175N	1406	1277	41	86	0.5	164	188	19482	8.70	14	ND	ND	33	1	8	2	80	0.25	0.15	182	8	1.44	4103	0.07	1.91	0.09	0.15	0.02	20	2	40	5.7	
S	L52E 5200N	1040	258	30	48	0.2	15	29	878	6.34	20	ND	ND	41	1	7	12	49	0.30	0.10	111	18	1.00	1441	0.04	1.77	0.04	0.10	0.01	13	2	30	5.2	
S	L52E 5325N	47	96	2	75	0.2	56	5	369	6.25	3	ND	ND	36	1	3	2	151	0.22	0.10	4	35	1.77	132	0.25	3.65	0.06	0.08	0.04	12	3	10	5.4	
S	L52E 5350N	23	56	7	66	0.1	63	4	312	5.73	9	ND	ND	28	1	2	2	146	0.28	0.10	5	37	1.68	75	0.21	3.61	0.06	0.05	0.03	7	3	5	4.9	
S	L52E 5375N	13	39	3	101	0.1	11	1	587	6.66	2	ND	ND	22	1	2	2	222	0.49	0.13	3	15	2.14	140	0.27	3.59	0.06	0.20	0.02	5	4	10	4.7	
S	L52E 5400N	20	39	2	70	0.1	37	4	348	7.16	4	ND	ND	26	1	3	2	213	0.27	0.10	4	24	1.51	74	0.25	3.46	0.07	0.04	0.03	10	4	20	4.9	
S	L52E 5425N	23	42	4	73	0.1	35	6	343	6.93	8	ND	ND	29	1	2	2	199	0.23	0.11	3	24	1.42	70	0.27	2.58	0.06	0.03	0.01	14	3	20	4.5	
S	L52E 5450N	33	87	5	62	0.1	42	11	383	5.80	2	ND	ND	37	1	2	2	126	0.34	0.10	3	27	1.42	127	0.16	2.83	0.05	0.12	0.03	26	2	30	5.3	
S	L52E 5475N	39	139	11	65	0.1	41	23	616	5.06	7	ND	ND	53	1	4	2	113	0.45	0.10	8	36	1.53	160	0.14	2.03	0.04	0.12	0.01	11	2	60	5.2	
S	L52E 5500N	11	148	16	68	0.2	45	28	656	5.87	5	ND	ND	45	1	13	6	157	1.04	0.14	6	34	1.78	168	0.15	1.92	0.05	0.16	0.01	18	3	50	6.4	
S	L52E 5525N	21	144	15	57	0.2	39	21	470	4.42	7	ND	ND	47	1	12	6	105	0.83	0.10	8	37	1.30	167	0.10	1.63	0.05	0.07	0.01	16	2	100	6.5	
S	L52E 5550N	15	70	2	57	0.1	23	13	331	7.03	2	ND	ND	29	1	2	2	150	0.29	0.08	3	29	0.91	70	0.19	1.87	0.04	0.01	0.01	4	2	70	5.1	
S	L52E 5575N	11	68	7	66	0.2	24	13	440	4.17	4	ND	ND	33	1	2	2	106	0.37	0.09	7	35	1.10	100	0.16	1.95	0.04	0.02	0.01	4	2	40	5.8	
S	L52E 5600N	11	73	3	78	0.3	28	20	1123	5.03	6	ND	ND	30	1	4	2	127	0.41	0.10	5	37	1.07	84	0.15	1.89	0.04	0.01	0.01	4	2	30	6.1	
S	L52E 5625N	9	48	2	55	0.1	26	11	284	6.01	4	ND	ND	26	1	2	2	150	0.26	0.07	2	33	0.94	75	0.18	1.42	0.03	0.01	0.01	2	2	20	4.8	
S	L52E 5650N	5	78	4	94	0.1	29	26	1438	5.06	3	ND	ND	24	1	2	2	127	0.42	0.09	4	37	0.91	91	0.14	1.62	0.03	0.01	0.01	1	2	15	5.9	
S	L52E 5675N	3	55	5	65	0.3	36	13	380	4.64	4	ND	ND	25	1	2	2	117	0.48	0.10	1	41	1.33	82	0.18	1.67	0.03	0.02	0.01	1	2	10	6.0	
S	L52E 5700N	4	53	3	69	0.1	47	22	524	7.10	2	ND	ND	22	1	4	2	208	0.63	0.12	3	33	1.52	74	0.22	1.70	0.04	0.02	0.01	2	4	5	6.0	
S	L52E 5725N	3	25	5	60	0.1	30	10	232	4.93	10	ND	ND	19	1	4	3	165	0.19	0.07	3	41	0.90	52	0.30	1.14	0.04	0.01	0.01	4	3	5	5.0	
S	L52E 5750N	2	23	5	84	0.1	21	12	422	4.05	9	ND	ND	46	1	7	3	121	0.39	0.10	3	35	1.39	269	0.32	1.75	0.05	0.20	0.01	5	2	5	4.7	
S	L52E 5775N	3	24	3	54	0.1	28	13	534	3.82	6	ND	ND	25	1	3	2	100	0.28	0.07	3	45	0.86	74	0.19	1.12	0.04	0.01	0.01	6	2	40	5.0	
S	L52E 5800N	4	92	11	59	0.2	65	25	304	5.57	12	ND	ND	20	1	10	5	134	0.26	0.10	3	41	1.56	38	0.21	1.70	0.06	0.01	0.01	8	2	10	5.0	
S	L52E 5825N	3	48	7	61	0.2	46	17	271	7.26	9	ND	ND	13	1	8	8	206	0.16	0.10	4	29	1.27	34	0.31	1.65	0.06	0.01	0.01	7	4	5	4.9	
S	L52E 5850N	1	48	1	53	0.1	45	13	299	5.67	4	ND	ND	17	1	3	2	144	0.20	0.09	2	32	1.34	37	0.24	2.07	0.05	0.01	0.01	2	2	25	5.0	
S	L52E 5875N	3	30	8	59	0.1	41	17	266	5.81	7	ND	ND	19	1	13	11	149	0.23	0.09	4	35	1.19	41	0.23	1.53	0.05	0.01	0.01	6	3	15	4.9	
S	L52E 5900N	1	46	1	65	0.1	41	20	320	6.33	5	ND	ND	18	1	6	2	217	0.24	0.10	2	27	1.70	35	0.35	2.12	0.03	0.01	0.01	3	4	5	4.8	
S	L52E 5925N	2	54	3	64	0.2	139	19	347	5.33	7	ND	ND	12	1	6	2	143	0.15	0.09	4	38	2.28	46	0.24	3.01	0.04	0.02	0.01	5	3	5	5.0	
S	L52E 5950N	4	94	15	65	0.3	73	22	368	6.76	10	ND	ND	20	1	5	4	195	0.19	0.10	3	27	1.97	49	0.25	2.56	0.04	0.06	0.01	3	3	5	4.8	
S	L52E 5975N	2	47	1	49	0.1	47	13	245	6.10	4	ND	ND	16	1	2	2	172	0.13	0.08	1	31	1.20	42	0.23	1.76	0.04	0.01	0.01	1	3	10	4.8	
S	L52E 6000N	3	55	14	62	0.2	70	14	316	5.52	8	ND	ND	18	1	3	3	161	0.18	0.10	2	36	1.61	46	0.23	2.22	0.05	0.03	0.01	1	3	10	4.8	
S	L52E 6025N	2	64	3	60	0.2	75	15	389	5.40	4	ND	ND	18	1	2	2	157	0.19	0.10	2	39	1.48	60	0.27	2.17	0.05	0.03	0.01	1	3	10	5.1	
S	L52E 6050N	3	85	9	55	0.4	74	20	343	5.65	7	ND	ND	19	1	5	5	168	0.19	0.09	2	35	1.50	54	0.21	1.90	0.05	0.03	0.01	4	3	130	4.8	
S	L52E 6075N	3	52	2	55	0.2	56	13	342	5.12	8	ND	ND	22	1	2	3	157	0.22	0.08	2	32	1.37	44	0.18	1.82	0.04	0.01	0.01	4	3	30	4.5	
S	L52E 6100N	3	173	1	65	0.1	127	22	378	5.87	11	ND	ND	22	1	2	2	153	0.24	0.12	3	38	2.34	100	0.23	3.15	0.06	0.14	0.01	6	3	25	5.1	
S	L52E 6125N	2	65	1	65	0.2	76	15	407	6.15	9	ND	ND	23	1	2	2	184	0.24	0.10	2	31	1.73	39	0.25	2.27	0.06	0.04	0.01	3	3	1140	4.4	
S	L52E 6150N	2	60	1	67	0.2	119	18	344	5.21	9	ND	ND	25	1	3	2	144	0.28	0.11	2	39	2.14	73	0.24	2.53	0.05	0.03	0.01	5	2	20	5.1	
S	L52E 6175N	3	75	8	62	0.3	70	19	325	5.13	14	ND	ND	30	1	10	10	143	0.35	0.10	4	33	1.62	69	0.24	2.01	0.06	0.02	0.01	7	3	150	5.0	
S	L52E 6200N	3	54	7	54	0.2	56	13	288	3.94	11	ND	ND	27	1	4	4	126	0.31	0.08	2	41	1.40	51	0.22	1.83	0.04	0.01	0.01	5	2	40	5.2	
S	L52E 6225N	3	54	1	58	0.3	58	11	294	3.99	8	ND	ND	29	1	4	2	126	0.32	0.09	3	41	1.42	58	0.22	1.85	0.04	0.01	0.01	1	2	30	5.2	

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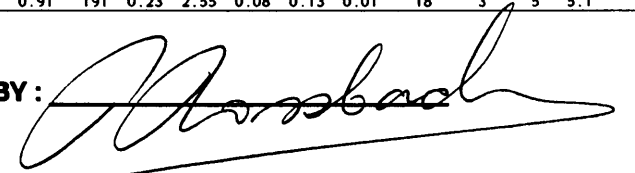
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PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPB AA	DH
S	L52E 6250N	2	36	2	44	0.1	40	10	218	3.53	8	ND	ND	23	1	4	2	114	0.24	0.06	2	41	0.99	50	0.23	1.53	0.04	0.01	0.01	1	2	670	4.8	
S	L52E 6275N	3	65	3	60	0.2	60	19	460	4.99	10	ND	ND	25	1	2	2	125	0.35	0.10	3	39	1.36	85	0.18	1.75	0.05	0.01	0.01	6	2	210	5.4	
S	L52E 6300N	2	79	1	55	0.2	82	19	289	5.14	9	ND	ND	20	1	2	2	122	0.25	0.09	1	41	1.54	45	0.18	1.82	0.04	0.01	0.01	1	2	20	4.8	
S	L52E 6325N	2	318	1	64	0.4	80	30	675	4.40	2	ND	ND	34	1	2	2	123	1.10	0.13	3	44	1.75	228	0.10	1.89	0.04	0.19	0.01	3	2	20	6.9	
S	L52E 6350N	1	229	1	56	0.2	80	32	593	5.16	6	ND	ND	27	1	2	2	134	0.57	0.10	3	41	1.69	169	0.13	1.83	0.04	0.14	0.01	4	2	100	5.9	
S	L52E 6375N	2	152	1	44	0.2	66	36	512	5.35	7	ND	ND	19	1	7	2	120	0.31	0.09	3	39	1.45	81	0.12	1.52	0.05	0.15	0.01	5	2	25	5.1	
S	L52E 6400N	1	163	1	46	0.1	68	40	580	5.72	10	ND	ND	22	1	4	2	131	0.37	0.10	3	38	1.50	69	0.14	1.90	0.05	0.09	0.01	4	2	25	5.6	
S	L52E 6425N	4	194	9	72	0.5	71	33	877	4.58	4	ND	ND	33	1	6	2	123	1.10	0.14	4	46	1.94	225	0.09	1.87	0.05	0.20	0.01	8	2	20	6.7	
S	L52E 6450N	5	83	1	65	0.1	62	20	356	5.37	8	ND	ND	20	1	2	2	151	0.35	0.09	1	41	1.39	143	0.21	1.60	0.05	0.01	0.01	7	3	60	5.0	
S	L52E 6475N	2	43	7	50	0.1	49	14	318	5.05	8	ND	ND	17	1	2	2	166	0.22	0.07	2	37	1.06	39	0.25	1.33	0.05	0.01	0.01	4	3	30	4.5	
S	L52E 6500N	3	112	2	65	0.2	63	22	410	5.83	4	ND	ND	21	1	2	2	148	0.35	0.10	2	35	1.41	87	0.19	1.91	0.06	0.02	0.01	5	3	20	5.3	
S	L52E 6525N	2	63	1	65	0.2	50	17	505	5.25	3	ND	ND	20	1	3	2	146	0.29	0.08	2	33	1.27	63	0.22	1.70	0.05	0.01	0.01	4	3	50	4.8	
S	L52E 6550N	2	69	1	59	0.2	49	15	379	5.80	4	ND	ND	24	1	3	2	161	0.31	0.07	3	30	1.37	52	0.25	2.18	0.04	0.02	0.01	3	3	5	4.7	
S	L52E 6575N	13	557	1	82	0.2	68	28	2614	5.45	2	ND	ND	51	1	2	2	132	0.66	0.10	6	35	1.35	167	0.12	2.18	0.06	0.02	0.01	6	2	30	6.0	
S	L52E 6600N	4	107	1	73	0.1	51	19	451	6.29	7	ND	ND	26	1	2	2	150	0.33	0.10	3	28	1.52	96	0.26	2.16	0.06	0.03	0.01	3	3	15	4.6	
S	L52E 6625N	7	312	13	68	0.6	75	36	858	5.84	6	ND	ND	34	1	2	2	148	0.86	0.13	3	37	1.89	155	0.15	1.92	0.06	0.06	0.01	2	3	30	6.6	
S	L52E 6650N	35	313	8	52	1.2	63	40	1034	5.36	5	ND	ND	30	1	5	2	135	0.78	0.11	2	37	1.51	154	0.09	1.45	0.05	0.16	0.01	6	2	40	6.6	
S	L52E 6675N	13	219	6	47	0.6	54	27	390	5.89	3	ND	ND	27	1	4	2	130	0.64	0.10	3	38	1.19	101	0.09	1.19	0.05	0.14	0.01	6	2	210	7.1	
S	L52E 6700N	2	55	1	47	0.1	26	13	301	2.99	12	ND	ND	20	1	2	2	80	0.36	0.08	1	37	1.00	48	0.13	1.09	0.05	0.10	0.01	8	2	20	4.8	
S	L57E 4300N	2	47	1	108	0.5	17	10	454	3.55	9	ND	ND	35	1	2	2	48	0.30	0.08	5	31	0.94	121	0.09	2.80	0.06	0.01	0.02	8	1	5	5.1	
S	L57E 4325N	6	77	7	84	0.3	15	20	581	3.89	14	ND	ND	33	1	4	3	75	0.46	0.08	4	29	0.73	85	0.11	1.81	0.06	0.04	0.01	10	2	10	5.0	
S	L57E 4350N	8	59	1	95	0.5	18	10	428	4.29	9	ND	ND	65	1	2	2	59	1.24	0.12	4	31	0.95	80	0.05	1.98	0.06	0.01	0.02	12	1	10	6.4	
S	L57E 4400N	4	79	5	87	0.4	21	18	524	3.08	6	ND	ND	39	1	2	2	62	0.77	0.10	13	43	1.13	201	0.06	2.27	0.06	0.05	0.02	11	2	5	6.7	
S	L57E 4425N	3	87	7	86	0.6	14	7	281	3.94	12	ND	ND	22	1	2	2	71	0.20	0.07	14	34	0.59	101	0.09	2.84	0.06	0.02	0.01	4	2	5	4.7	
S	L57E 4450N	2	38	1	80	0.5	10	10	292	3.68	6	ND	ND	21	1	2	2	48	0.20	0.06	10	32	0.54	107	0.07	3.44	0.07	0.01	0.05	6	2	20	5.0	
S	L57E 4475N	3	121	5	88	0.2	39	22	1940	3.90	18	ND	ND	26	1	2	2	106	0.73	0.13	33	73	2.09	224	0.08	2.46	0.07	0.05	0.01	10	3	10	6.7	
S	L57E 4500N	3	70	22	87	0.2	23	15	424	4.02	8	ND	ND	34	1	2	2	80	0.63	0.11	6	34	1.12	196	0.09	2.07	0.06	0.05	0.01	10	2	15	6.3	
S	L57E 4525N	2	60	4	65	0.3	20	16	315	2.79	14	ND	ND	24	1	2	2	49	0.31	0.07	8	43	0.93	73	0.07	2.03	0.05	0.01	0.01	8	1	15	5.7	
S	L57E 4550N	2	41	6	61	0.7	19	13	304	3.41	8	ND	ND	26	1	3	5	62	0.26	0.06	5	41	0.92	85	0.09	2.02	0.04	0.01	0.01	6	1	10	5.5	
S	L57E 4575N	2	23	11	53	0.4	18	10	269	3.58	6	ND	ND	21	1	2	7	80	0.25	0.06	3	43	0.92	39	0.15	1.55	0.04	0.01	0.01	5	2	5	5.0	
S	L57E 4600N	1	23	4	57	0.3	16	7	228	4.35	5	ND	ND	16	1	6	6	88	0.19	0.06	2	38	0.74	65	0.13	1.46	0.04	0.01	0.01	6	2	5	4.9	
S	L57E 4625N	2	37	11	78	0.5	20	10	288	5.48	13	ND	ND	19	1	2	4	138	0.19	0.10	3	36	0.97	50	0.19	1.74	0.07	0.01	0.01	6	3	10	4.7	
S	L57E 4650N	1	48	9	74	0.5	26	13	286	4.66	12	ND	ND	18	1	3	3	110	0.23	0.10	2	43	1.07	63	0.14	1.55	0.06	0.01	0.01	6	2	20	5.0	
S	L57E 4675N	1	50	5	78	0.6	20	11	311	4.31	12	ND	ND	23	1	2	2	107	0.19	0.09	3	33	0.95	69	0.16	2.10	0.07	0.01	0.01	5	2	10	4.6	
S	L57E 4700N	2	69	5	92	0.6	21	13	389	5.39	14	ND	ND	28	1	2	2	116	0.24	0.10	4	26	1.04	115	0.17	2.36	0.06	0.01	0.01	5	2	30	4.8	
S	L57E 4725N	40	85	10	87	0.3	19	12	343	5.49	7	ND	ND	46	1	4	4	109	0.30	0.10	4	24	0.86	155	0.12	1.77	0.07	0.05	0.01	9	2	10	4.9	
S	L57E 4750N	6	97	8	86	0.5	24	18	487	4.34	8	ND	ND	33	1	5	3	85	0.30	0.10	6	32	1.14	98	0.13	2.29	0.07	0.03	0.01	6	2	20	5.5	
S	L57E 4775N	55	75	5	78	0.4	17	9	259	6.68	2	ND	ND	41	1	2	2	185	0.29	0.07	3	27	0.59	118	0.23	1.43	0.05	0.06	0.01	4	3	5	5.0	
S	L57E 4800N	82	139	5	94	0.3	25	13	319	7.19	8	ND	ND	49	1	2	2	165	0.27	0.10	4	28	0.98	124	0.25	2.33	0.07	0.09	0.01	9	3	10	5.3	
S	L57E 4825N	57	110	24	120	0.7	15	10	375	6.71	2	ND	ND	63	1	2	2	157	0.40	0.10	5	17	0.91	191	0.23	2.55	0.08	0.13	0.01	18	3	5	5.1	

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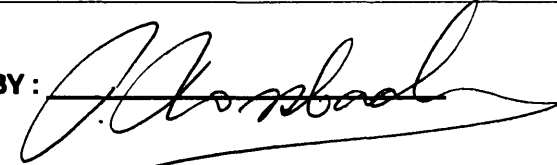
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To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.  
Project: 1384  
Type of Analysis: ICP

Certificate: 91225 B  
Invoice: 20370  
Date Entered: 91-08-25  
File Name: TEK91225.B  
Page No.: 4

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPB DH
S	L57E 4850N	48	128	14	138	0.2	39	15	383	5.82	8	ND	ND	17	1	3	2	148	0.31	0.10	3	53	1.21	40	0.26	1.82	0.06	0.02	0.01	11	3	5	4.7	
S	L57E 4875N	47	215	1	125	0.1	56	23	435	6.45	5	ND	ND	18	1	2	2	175	0.23	0.11	2	40	1.43	39	0.34	2.47	0.06	0.07	0.01	7	3	5	5.1	
S	L57E 4900N	78	212	1	118	0.1	42	25	529	6.81	4	ND	ND	40	1	2	2	149	0.48	0.11	3	26	1.23	105	0.25	2.38	0.07	0.11	0.01	12	3	5	5.1	
S	L57E 4925N	106	146	1	96	0.3	33	21	398	6.05	5	ND	ND	35	1	2	2	110	0.30	0.09	4	27	1.02	64	0.19	2.30	0.05	0.03	0.01	11	2	20	5.2	
S	L57E 4950N	45	95	2	80	0.4	21	14	322	5.36	4	ND	ND	40	1	2	2	115	0.30	0.08	4	25	0.84	102	0.21	1.99	0.05	0.02	0.01	9	2	10	4.6	
S	L57E 4975N	38	82	4	94	0.4	16	10	348	6.46	2	ND	ND	31	1	2	2	151	0.20	0.08	5	17	0.80	119	0.24	2.55	0.06	0.02	0.01	8	3	5	4.9	
S	L57E 5000N	14	76	1	94	0.3	17	12	356	4.27	3	ND	ND	29	1	2	2	78	0.22	0.07	3	27	1.00	107	0.13	2.87	0.05	0.03	0.02	7	2	5	5.1	
S	L57E 5025N	47	140	1	120	0.4	20	3	558	6.96	9	ND	ND	98	1	2	2	164	0.33	0.10	4	20	1.45	221	0.27	4.51	0.10	0.20	0.02	6	3	5	5.1	
S	L57E 5050N	91	118	6	72	0.5	11	7	340	5.20	9	ND	ND	69	1	2	3	172	0.31	0.07	6	24	0.71	126	0.21	2.15	0.07	0.08	0.01	14	3	5	5.0	
S	L57E 5075N	92	101	6	71	0.4	13	6	260	5.08	6	ND	ND	54	1	6	3	197	0.18	0.06	4	27	0.62	157	0.18	1.26	0.05	0.11	0.01	10	3	5	4.5	
S	L57E 5100N	6	82	2	60	0.1	19	15	363	4.24	8	ND	ND	27	1	2	2	73	0.26	0.07	8	31	1.06	59	0.12	2.00	0.05	0.01	0.01	10	1	30	4.9	
S	L57E 5125N	5	112	4	83	0.2	20	13	473	5.57	11	ND	ND	25	1	3	2	103	0.25	0.09	9	26	1.29	105	0.12	3.55	0.07	0.01	0.03	8	2	770	5.2	
S	L57E 5150N	6	66	9	70	0.2	19	15	413	3.90	8	ND	ND	23	1	8	7	66	0.27	0.07	5	33	0.98	74	0.11	2.93	0.07	0.01	0.03	10	2	20	5.1	
S	L57E 5175N	5	69	6	78	0.1	22	16	423	4.72	15	ND	ND	29	1	10	5	84	0.31	0.08	8	29	1.12	94	0.15	3.32	0.07	0.01	0.05	12	2	25	5.0	
S	L57E 5200N	22	121	1	94	0.2	22	4	379	6.64	9	ND	ND	30	1	2	2	141	0.24	0.09	4	23	1.09	125	0.20	4.27	0.08	0.02	0.03	10	3	10	5.1	
S	L57E 5225N	9	74	1	104	0.2	22	8	496	7.63	10	ND	ND	21	1	2	2	285	0.16	0.11	3	16	1.87	69	0.42	3.03	0.07	0.01	0.01	38	5	5	4.5	
S	L57E 5250N	11	66	1	83	0.2	22	16	440	5.98	8	ND	ND	28	1	2	2	118	0.21	0.08	4	24	1.01	88	0.17	1.92	0.07	0.02	0.01	7	2	20	4.7	
S	L57E 5275N	11	47	4	75	0.4	20	13	345	5.91	5	ND	ND	25	1	5	2	186	0.19	0.08	4	28	0.97	100	0.26	1.94	0.05	0.01	0.01	8	3	40	4.6	
S	L57E 5300N	9	65	2	78	0.5	18	13	362	5.57	5	ND	ND	25	1	8	2	141	0.24	0.08	3	29	1.07	77	0.16	2.10	0.05	0.01	0.01	9	3	20	4.7	
S	L57E 5325N	16	70	4	78	0.4	18	13	417	6.81	4	ND	ND	32	1	7	2	158	0.27	0.09	4	22	1.10	101	0.18	2.17	0.06	0.03	0.01	11	3	20	4.4	
S	L57E 5350N	15	114	5	81	0.5	23	18	408	5.04	7	ND	ND	35	1	7	2	98	0.29	0.08	6	31	1.06	106	0.15	3.17	0.06	0.03	0.03	12	2	60	5.2	
S	L57E 5375N	23	177	2	86	0.4	27	30	795	5.26	2	ND	ND	52	1	7	2	112	0.42	0.10	7	31	1.37	153	0.15	2.04	0.05	0.09	0.01	11	2	50	4.8	
S	L57E 5400N	26	200	11	87	0.4	37	32	867	5.87	8	ND	ND	58	1	17	2	123	0.59	0.11	11	29	1.55	174	0.16	2.13	0.07	0.17	0.01	21	2	50	5.7	
S	L57E 5425N	13	96	5	86	0.4	26	18	505	5.20	10	ND	ND	42	1	15	3	115	0.63	0.10	6	28	1.31	132	0.13	2.03	0.06	0.03	0.01	14	2	110	5.8	
S	L57E 5450N	13	55	8	68	0.4	17	13	331	5.12	6	ND	ND	33	1	5	2	128	0.29	0.07	4	26	0.87	81	0.16	1.91	0.06	0.02	0.01	16	2	230	4.6	
S	L57E 5475N	4	217	1	141	0.3	44	24	735	7.79	2	ND	ND	23	1	2	2	201	0.43	0.14	5	20	2.05	105	0.28	3.00	0.09	0.13	0.01	5	4	10	5.0	
S	L57E 5500N	8	106	2	84	0.4	30	22	411	5.20	5	ND	ND	34	1	2	2	99	0.29	0.08	4	27	1.26	140	0.18	2.50	0.05	0.02	0.01	9	2	30	5.3	
S	L57E 5525N	6	58	3	76	0.5	19	15	322	4.22	2	ND	ND	28	1	3	2	78	0.19	0.06	4	34	0.91	100	0.13	2.22	0.05	0.01	0.02	7	2	120	5.2	
S	L57E 5550N	8	71	4	78	0.4	23	17	388	5.65	3	ND	ND	28	1	6	2	124	0.25	0.08	3	31	1.18	94	0.18	2.27	0.05	0.01	0.01	9	2	20	4.9	
S	L57E 5575N	6	56	3	65	0.5	41	18	342	5.62	6	ND	ND	21	1	2	2	145	0.24	0.08	2	41	1.25	70	0.23	2.11	0.06	0.01	0.01	9	3	50	5.4	
S	L57E 5600N	4	55	5	72	0.6	37	17	341	6.03	10	ND	ND	19	1	2	2	149	0.24	0.09	2	39	1.21	82	0.20	1.84	0.06	0.01	0.01	8	3	20	5.2	
S	L57E 5625N	4	48	5	63	0.4	41	18	346	6.18	6	ND	ND	18	1	3	2	182	0.29	0.10	2	36	1.35	124	0.23	1.89	0.05	0.02	0.01	6	3	25	5.3	
S	L57E 5650N	4	51	8	75	0.5	37	18	353	6.18	6	ND	ND	21	1	2	3	153	0.26	0.09	2	36	1.36	105	0.16	1.91	0.06	0.03	0.01	6	3	15	4.9	
S	L57E 5675N	4	36	7	65	0.4	38	18	379	5.80	11	ND	ND	15	1	4	5	157	0.21	0.08	3	42	1.17	62	0.23	1.77	0.05	0.02	0.01	9	3	5	5.0	
S	L57E 5700N	4	35	5	57	0.5	40	18	284	6.07	9	ND	ND	15	1	4	7	171	0.23	0.09	2	37	1.20	51	0.26	1.54	0.06	0.01	0.01	6	3	10	5.3	
S	L57E 5725N	4	60	6	69	0.4	45	19	377	5.43	6	ND	ND	20	1	2	6	141	0.26	0.09	3	32	1.28	78	0.18	2.17	0.06	0.02	0.01	8	3	10	5.1	
S	L57E 5750N	3	56	9	56	0.2	39	23	348	5.98	15	ND	ND	22	1	2	2	146	0.32	0.09	3	41	1.19	74	0.17	1.83	0.06	0.01	0.01	8	3	80	5.5	
S	L57E 5775N	3	66	5	54	0.1	39	21	331	5.86	14	ND	ND	20	1	3	2	139	0.29	0.09	3	38	1.25	55	0.16	2.15	0.06	0.01	0.01	7	3	30	5.1	
S	L57E 5800N	2	68	7	50	0.3	43	24	340	5.36	13	ND	ND	19	1	3	2	133	0.28	0.09	3	40	1.37	36	0.17	2.00	0.06	0.01	0.01	8	2	40	5.3	
S	L57E 5825N	4	55	10	70	0.3	41	22	298	5.80	16	ND	ND	20	1	2	2	137	0.26	0.08	4	39	1.15	59	0.16	2.35	0.06	0.01	0.01	7	3	30	5.2	

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## CERTIFICATE OF ANALYSIS

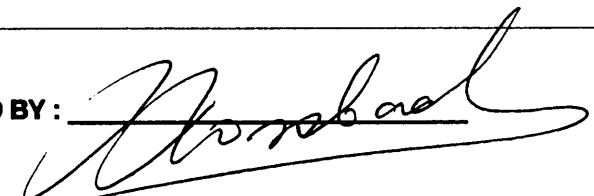
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To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

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Page No.: 5

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU	PPB AA	PPB DH
S	L57E 5850N	4	35	11	54	0.2	34	18	279	5.73	10	ND	ND	17	1	2	2	153	0.23	0.08	4	34	1.04	43	0.20	1.65	0.06	0.01	0.01	7	3	20	5.3	
S	L57E 5875N	3	46	8	54	0.3	43	19	277	5.97	12	ND	ND	19	1	3	3	133	0.25	0.07	2	38	1.12	55	0.18	1.72	0.05	0.01	0.01	4	2	20	5.1	
S	L57E 5900N	3	33	7	57	0.2	51	21	293	6.18	14	ND	ND	16	1	6	3	165	0.26	0.09	3	38	1.05	55	0.22	1.21	0.05	0.01	0.01	5	3	25	4.9	
S	L57E 5925N	1	57	4	74	0.2	58	24	361	5.69	8	ND	ND	15	1	3	2	135	0.23	0.10	2	38	1.60	42	0.16	2.21	0.05	0.01	0.01	2	2	40	5.1	
S	L57E 5950N	4	70	5	46	0.3	67	27	481	5.45	10	ND	ND	16	1	2	2	134	0.33	0.09	5	45	1.28	57	0.11	1.57	0.05	0.05	0.01	4	3	10	6.3	
S	L57E 5975N	4	50	5	54	0.1	56	22	332	5.37	12	ND	ND	20	1	2	2	118	0.34	0.09	2	38	1.41	38	0.14	1.60	0.05	0.01	0.01	3	2	5	5.4	
S	L57E 6000N	8	67	2	46	0.4	66	24	360	4.50	7	ND	ND	21	1	14	2	115	0.44	0.10	3	50	1.44	52	0.09	1.49	0.05	0.02	0.01	10	2	30	6.1	
S	L57E 6025N	8	47	3	65	0.3	79	22	398	6.51	5	ND	ND	19	1	2	2	156	0.34	0.10	3	36	1.52	53	0.24	2.00	0.05	0.05	0.01	4	3	10	5.3	
S	L57E 6050N	2	55	2	52	0.2	71	22	294	5.49	6	ND	ND	19	1	2	2	134	0.26	0.10	1	38	1.48	47	0.21	2.10	0.05	0.04	0.01	2	2	40	5.0	
S	L57E 6075N	5	36	3	46	0.1	43	16	284	5.77	2	ND	ND	23	1	2	2	142	0.43	0.09	1	33	1.05	49	0.22	1.44	0.03	0.01	0.01	4	2	70	5.9	
S	L57E 6100N	6	62	5	55	0.1	62	22	321	5.51	3	ND	ND	22	1	2	2	149	0.56	0.11	1	34	1.52	74	0.19	1.64	0.05	0.01	0.01	1	3	130	5.9	
S	L57E 6125N	2	29	4	36	0.3	26	11	162	5.45	2	ND	ND	18	1	2	2	170	0.22	0.07	1	31	0.66	46	0.31	1.05	0.03	0.01	0.01	1	3	20	4.9	
S	L57E 6150N	3	47	2	66	0.1	60	22	302	6.76	4	ND	ND	16	1	3	2	191	0.30	0.10	1	30	1.52	76	0.23	1.85	0.05	0.03	0.01	2	3	25	5.0	
S	L57E 6175N	4	75	3	53	0.2	64	23	373	5.32	3	ND	ND	21	1	6	2	147	0.51	0.10	2	33	1.47	89	0.20	1.65	0.05	0.01	0.01	3	3	5	5.8	
S	L57E 6200N	3	30	2	46	0.1	34	17	331	5.61	2	ND	ND	16	1	2	2	165	0.26	0.07	1	29	0.88	40	0.24	1.18	0.03	0.01	0.01	2	3	20	4.6	
S	L57E 6225N	2	30	2	44	0.1	37	17	244	4.96	3	ND	ND	18	1	2	2	149	0.26	0.08	1	33	1.06	53	0.26	1.34	0.03	0.01	0.01	3	2	170	4.7	
S	L57E 6250N	5	145	2	85	0.2	49	37	955	5.66	3	ND	ND	17	1	2	2	166	0.33	0.08	2	41	1.22	71	0.18	1.78	0.05	0.01	0.01	6	3	60	5.3	
S	L57E 6275N	4	44	3	75	0.2	50	32	382	7.92	5	ND	ND	4	1	2	2	335	0.27	0.11	1	24	1.50	42	0.27	1.32	0.05	0.01	0.01	6	6	5	4.6	
S	L57E 6300N	2	26	2	46	0.3	35	12	288	4.63	2	ND	ND	19	1	2	2	155	0.33	0.07	1	32	0.94	43	0.23	1.28	0.04	0.01	0.01	5	3	20	4.4	
S	L57E 6325N	7	332	8	109	0.1	50	51	2451	5.32	2	ND	ND	27	1	2	2	138	0.41	0.10	3	29	1.36	108	0.14	2.44	0.05	0.01	0.01	8	3	5	5.3	
S	L57E 6350N	4	97	2	74	0.1	38	21	457	5.47	2	ND	ND	30	1	2	2	153	0.47	0.10	2	30	1.43	87	0.25	2.06	0.04	0.07	0.01	2	3	5	4.9	
S	L57E 6375N	4	50	1	74	0.2	38	26	417	7.03	2	ND	ND	18	1	2	2	218	0.38	0.10	1	24	1.24	178	0.36	1.74	0.06	0.05	0.01	2	4	5	4.9	
S	L57E 6400N	4	491	3	78	0.1	44	28	881	4.08	2	ND	ND	45	1	2	2	101	1.55	0.13	6	36	1.14	238	0.07	2.04	0.05	0.11	0.01	7	2	20	6.8	
S	L57E 6425N	5	162	2	88	0.2	24	27	403	5.19	2	ND	ND	36	1	2	2	137	0.95	0.12	4	24	1.30	128	0.22	2.11	0.05	0.05	0.01	5	2	10	6.3	
S	L57E 6475N	4	493	4	73	0.2	44	26	461	3.94	2	ND	ND	43	1	2	2	98	0.92	0.11	4	35	1.28	218	0.10	2.21	0.04	0.03	0.01	1	2	10	5.5	
S	L57E 6500N	3	201	2	46	0.2	28	18	434	3.79	2	ND	ND	57	1	2	2	91	0.93	0.10	2	34	1.03	137	0.11	1.40	0.04	0.12	0.01	4	2	60	7.0	
S	L57E 6525N	3	127	8	50	0.1	33	21	410	4.06	4	ND	ND	32	1	7	2	102	0.51	0.08	3	35	1.03	52	0.11	1.20	0.05	0.06	0.01	7	2	20	4.9	
S	L58E 4300N	4	67	2	87	0.6	14	4	388	6.20	22	ND	ND	29	1	2	2	89	0.17	0.07	2	21	0.75	92	0.18	3.36	0.05	0.01	0.02	1	2	5	4.7	
S	L58E 4325N	3	58	3	84	0.3	11	13	459	3.64	4	ND	ND	26	1	2	2	63	0.26	0.06	2	30	0.84	76	0.09	1.92	0.04	0.01	0.01	1	1	20	5.0	
S	L58E 4350N	4	55	2	108	0.4	16	15	612	3.41	4	ND	ND	37	1	2	2	51	0.34	0.06	10	33	0.78	121	0.07	2.64	0.04	0.06	0.01	1	1	10	5.2	
S	L58E 4375N	4	81	3	71	0.2	18	26	750	3.92	4	ND	ND	44	1	7	2	73	0.66	0.10	8	31	1.22	123	0.07	1.89	0.05	0.01	0.01	8	1	30	6.4	
S	L58E 4400N	2	15	1	41	0.2	3	4	156	2.07	3	ND	ND	19	1	2	2	56	0.16	0.04	3	36	0.38	50	0.09	1.13	0.03	0.02	0.01	3	1	10	5.1	
S	L58E 4425N	1	29	2	52	0.3	7	5	257	2.93	2	ND	ND	19	1	2	2	45	0.16	0.05	11	34	0.52	77	0.07	1.83	0.03	0.01	0.01	2	1	10	5.1	
S	L58E 4450N	2	28	3	67	0.5	12	8	297	3.16	3	ND	ND	25	1	2	2	69	0.19	0.06	4	34	0.70	71	0.13	1.57	0.04	0.01	0.01	5	1	5	4.9	
S	L58E 4475N	1	80	2	70	0.4	17	14	361	3.69	6	ND	ND	20	1	2	2	61	0.21	0.06	3	34	1.06	77	0.11	2.10	0.04	0.01	0.01	1	1	290	5.1	

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## CERTIFICATE OF ANALYSIS

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To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

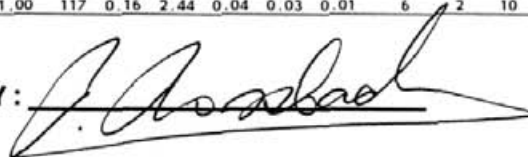
Project: 1384  
Type of Analysis: ICP

Certificate: 91225 C  
Invoice: 20370  
Date Entered: 91-08-25  
File Name: TEK91225 C  
Page No.: 1

(PH ADDED)

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPB DH
S	L58E 4500N	4	114	8	87	0.7	12	21	1131	3.42	2	ND	ND	39	1	2	4	65	1.03	0.11	13	26	0.51	206	0.07	1.50	0.03	0.03	0.01	5	1	10	6.1	
S	L58E 4525N	3	40	1	78	0.4	10	8	220	3.37	2	ND	ND	29	1	2	2	75	0.68	0.09	4	27	0.63	118	0.10	1.36	0.02	0.03	0.01	1	1	10	6.1	
S	L58E 4550N	3	30	1	75	0.3	11	9	336	3.69	2	ND	ND	24	1	2	2	84	0.47	0.08	3	26	0.68	101	0.13	1.56	0.02	0.03	0.01	1	1	30	5.2	
S	L58E 4575N	1	39	1	55	0.2	22	10	256	3.80	2	ND	ND	19	1	2	2	67	0.23	0.07	2	27	0.88	75	0.13	1.51	0.02	0.04	0.01	1	1	5	4.9	
S	L58E 4600N	1	43	1	43	0.2	16	10	219	3.02	2	ND	ND	19	1	2	2	51	0.20	0.06	2	26	0.77	67	0.09	1.86	0.02	0.01	0.01	1	1	10	4.8	
S	L58E 4625N	1	30	1	66	0.3	10	7	237	3.83	2	ND	ND	24	1	2	2	83	0.23	0.07	2	25	0.70	63	0.13	1.62	0.03	0.02	0.01	1	1	15	4.8	
S	L58E 4650N	1	116	1	58	0.3	14	12	322	3.34	2	ND	ND	26	1	2	2	54	0.21	0.07	8	24	0.90	65	0.07	2.11	0.03	0.02	0.01	1	1	30	4.5	
S	L58E 4675N	4	57	1	50	0.3	15	8	223	4.60	2	ND	ND	22	1	2	2	114	0.16	0.08	1	28	0.79	49	0.20	1.89	0.03	0.01	0.01	1	2	15	5.0	
S	L58E 4725N	2	75	1	63	0.7	17	12	340	3.46	2	ND	ND	30	1	2	2	63	0.26	0.08	3	23	0.97	60	0.09	2.33	0.04	0.02	0.01	1	1	10	5.0	
S	L58E 4750N	89	256	1	123	0.5	41	23	397	8.59	2	ND	ND	14	1	2	2	181	0.35	0.13	1	23	1.23	48	0.27	1.97	0.06	0.06	0.01	1	3	5	5.3	
S	L58E 4775N	53	91	2	91	0.1	23	16	348	6.50	3	ND	ND	18	1	2	2	183	0.35	0.11	1	33	0.91	58	0.29	1.55	0.05	0.09	0.01	1	3	5	5.7	
S	L58E 4800N	32	92	1	80	0.2	24	10	259	5.81	4	ND	ND	20	1	2	2	168	0.33	0.11	1	26	0.92	50	0.25	1.44	0.04	0.06	0.01	2	3	20	5.3	
S	L58E 4825N	24	42	11	61	0.3	13	9	193	3.58	10	ND	ND	26	1	3	6	99	0.20	0.07	8	25	0.56	53	0.14	1.20	0.05	0.03	0.01	4	2	40	4.9	
S	L58E 4850N	22	71	2	88	0.2	19	10	296	5.53	7	ND	ND	23	1	2	2	125	0.21	0.09	3	23	0.86	76	0.19	1.99	0.05	0.05	0.01	2	2	5	4.8	
S	L58E 4875N	25	97	1	87	0.1	29	14	290	5.13	2	ND	ND	23	1	2	2	125	0.29	0.10	2	28	1.00	58	0.18	1.83	0.04	0.04	0.01	3	2	5	4.9	
S	L58E 4900N	23	60	5	67	0.2	14	9	223	4.50	8	ND	ND	30	1	2	2	130	0.29	0.08	2	27	0.55	66	0.20	1.08	0.05	0.05	0.01	2	2	10	4.2	
S	L58E 4925N	53	106	2	86	0.3	19	11	285	5.48	5	ND	ND	31	1	2	2	124	0.23	0.08	2	20	0.78	70	0.18	1.96	0.05	0.03	0.01	5	2	20	4.3	
S	L58E 4950N	47	113	4	47	0.6	14	7	190	3.90	3	ND	ND	24	1	2	2	97	0.20	0.07	2	24	0.52	57	0.14	1.56	0.03	0.02	0.01	6	2	25	5.0	
S	L58E 4975N	18	57	5	42	0.4	9	6	158	3.13	9	ND	ND	25	1	2	2	99	0.18	0.06	3	25	0.46	59	0.16	1.36	0.04	0.04	0.01	1	2	5	4.7	
S	L58E 5000N	32	132	1	57	0.1	28	17	300	4.57	2	ND	ND	31	1	2	2	107	0.21	0.11	4	27	1.18	93	0.19	2.43	0.05	0.08	0.01	9	2	10	5.1	
S	L58E 5025N	12	100	4	55	0.1	16	16	285	4.00	11	ND	ND	28	1	2	2	64	0.21	0.08	5	29	0.82	75	0.10	2.19	0.04	0.01	0.01	4	1	30	5.1	
S	L58E 5050N	31	89	1	81	0.2	15	10	269	5.50	6	ND	ND	28	1	2	2	122	0.20	0.08	3	27	0.78	107	0.15	2.84	0.05	0.05	0.01	6	2	5	4.8	
S	L58E 5075N	22	100	1	69	0.2	17	16	302	4.97	8	ND	ND	28	1	6	2	96	0.18	0.08	4	24	0.89	97	0.15	2.73	0.05	0.04	0.01	6	2	20	5.1	
S	L58E 5100N	16	69	3	64	0.2	14	15	284	5.20	7	ND	ND	26	1	2	2	95	0.20	0.08	5	23	0.88	87	0.14	2.33	0.05	0.02	0.01	5	2	30	4.8	
S	L58E 5125N	14	54	3	66	0.2	13	13	258	5.09	7	ND	ND	28	1	2	2	107	0.21	0.08	3	22	0.77	88	0.14	2.02	0.04	0.01	0.01	5	2	60	4.8	
S	L58E 5150N	15	74	7	90	0.1	19	17	345	6.51	11	ND	ND	27	1	8	7	153	0.22	0.10	5	19	0.96	95	0.22	2.69	0.06	0.04	0.01	9	3	25	4.8	
S	L58E 5175N	9	71	1	77	0.2	16	15	320	5.20	9	ND	ND	26	1	2	2	90	0.20	0.09	3	22	0.91	78	0.14	3.51	0.06	0.02	0.03	6	2	100	5.1	
S	L58E 5200N	12	57	3	61	0.2	14	14	277	5.71	4	ND	ND	27	1	2	2	122	0.19	0.08	4	19	0.83	80	0.16	1.87	0.04	0.03	0.01	2	2	20	4.9	
S	L58E 5225N	7	58	2	63	0.1	15	14	305	4.81	8	ND	ND	27	1	4	2	75	0.21	0.08	3	22	0.91	68	0.11	2.19	0.05	0.01	0.01	3	2	100	5.1	
S	L58E 5250N	8	73	5	81	0.1	18	16	327	5.44	9	ND	ND	29	1	2	2	91	0.22	0.09	4	21	0.98	87	0.13	2.54	0.05	0.02	0.01	2	2	450	5.0	
S	L58E 5275N	7	51	10	56	0.1	15	13	258	3.84	8	ND	ND	26	1	2	2	72	0.18	0.08	2	30	0.77	85	0.11	2.24	0.04	0.01	0.02	4	2	40	5.2	
S	L58E 5300N	8	67	6	61	0.2	16	17	296	5.29	8	ND	ND	26	1	4	2	82	0.21	0.08	4	28	0.86	67	0.11	2.29	0.05	0.01	0.02	6	2	30	5.2	
S	L58E 5325N	13	44	9	55	0.2	11	11	276	4.43	8	ND	ND	26	1	2	2	117	0.18	0.08	3	26	0.63	80	0.15	1.42	0.04	0.01	0.01	6	2	20	4.8	
S	L58E 5350N	22	87	6	71	0.1	18	15	334	4.10	7	ND	ND	36	1	5	2	91	0.37	0.09	4	30	0.93	73	0.09	1.39	0.04	0.08	0.01	9	2	30	5.4	
S	L58E 5375N	30	88	6	77	0.2	21	15	386	4.18	9	ND	ND	47	1	5	2	90	0.54	0.10	5	30	1.10	107	0.11	1.57	0.04	0.05	0.01	11	2	35	5.7	
S	L58E 5400N	18	121	11	94	0.1	27	28	711	4.41	4	ND	ND	40	1	2	2	108	0.48	0.12	5	31	1.36	126	0.11	1.85	0.05	0.07	0.01	8	2	30	4.8	
S	L58E 5425N	26	229	6	93	0.1	32	44	937	5.65	7	ND	ND	49	1	3	2	119	0.51	0.14	7	27	1.50	159	0.15	1.87	0.06	0.24	0.01	12	2	35	5.8	
S	L58E 5450N	8	129	6	72	0.2	27	29	413	5.16	10	ND	ND	30	1	2	2	92	0.24	0.11	6	25	1.23	100	0.14	2.49	0.05	0.06	0.02	9	2	90	5.5	
S	L58E 5475N	8	70	6	112	0.2	22	19	511	5.75	6	ND	ND	22	1	2	2	139	0.23	0.11	4	23	1.15	89	0.19	2.74	0.05	0.05	0.01	7	3	5	5.0	
S	L58E 5500N	11	76	7	78	0.1	19	16	333	5.51	5	ND	ND	23	1	3	2	122	0.21	0.09	3	31	1.00	117	0.16	2.44	0.04	0.03	0.01	6	2	10	4.9	

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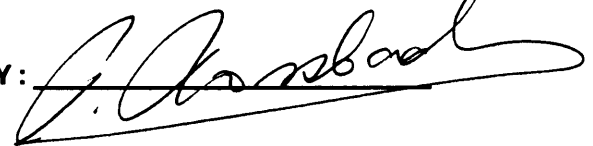
To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

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British Columbia, Can. V5B 3N1  
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Certificate: 91225 C  
Invoice: 20370  
Date Entered: 91-08-25  
File Name: TEK91225.C  
Page No.: 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU	PPB AA	PPB DH
S	L58E 5525N	9	55	5	87	0.2	16	14	357	5.08	4	ND	ND	25	1	3	2	131	0.23	0.09	4	28	0.96	126	0.18	2.37	0.04	0.04	0.01	8	2	25	4.9	
S	L58E 5550N	8	41	12	66	0.1	15	14	352	3.77	5	ND	ND	27	1	8	8	89	0.27	0.08	5	30	0.79	86	0.14	1.85	0.04	0.03	0.01	9	2	15	5.2	
S	L58E 5575N	5	59	5	55	0.1	31	19	300	5.37	4	ND	ND	19	1	2	2	133	0.19	0.10	2	44	1.22	80	0.21	1.95	0.03	0.02	0.01	5	2	20	5.2	
S	L58E 5600N	6	72	4	69	0.1	38	21	360	5.48	6	ND	ND	23	1	3	2	120	0.27	0.11	3	36	1.29	73	0.14	2.17	0.05	0.04	0.01	3	2	10	5.0	
S	L58E 5625N	6	30	5	44	0.2	25	11	241	4.61	6	ND	ND	18	1	2	3	140	0.20	0.08	3	35	0.77	65	0.23	1.32	0.04	0.01	0.01	4	2	10	5.0	
S	L58E 5650N	5	46	3	75	0.1	28	17	308	6.04	4	ND	ND	21	1	4	2	145	0.25	0.11	2	28	1.21	62	0.17	1.90	0.04	0.02	0.01	5	3	20	5.1	
S	L58E 5675N	3	28	1	53	0.1	29	15	231	4.95	3	ND	ND	15	1	2	2	149	0.23	0.08	2	34	0.96	51	0.19	1.21	0.03	0.01	0.01	4	2	5	5.0	
S	L58E 5700N	3	19	6	35	0.1	22	12	214	4.60	3	ND	ND	16	1	3	2	152	0.23	0.08	2	34	0.67	51	0.23	0.91	0.03	0.01	0.01	4	2	10	5.2	
S	L58E 5725N	3	33	1	49	0.1	28	16	223	6.05	9	ND	ND	19	1	5	2	184	0.22	0.09	2	28	0.86	57	0.25	1.30	0.04	0.01	0.01	4	3	40	4.9	
S	L58E 5750N	4	45	2	53	0.5	29	16	277	5.93	9	ND	ND	20	1	4	6	164	0.23	0.11	3	35	1.05	54	0.23	1.60	0.04	0.02	0.01	5	3	15	5.0	
S	L58E 5775N	5	36	2	58	0.2	24	14	251	6.71	10	ND	ND	17	1	5	2	175	0.18	0.10	3	31	0.90	69	0.22	1.59	0.04	0.01	0.01	4	3	10	4.8	
S	L58E 5800N	3	38	4	53	0.1	25	13	221	6.10	9	ND	ND	18	1	2	2	190	0.20	0.10	2	31	0.86	61	0.27	1.38	0.05	0.01	0.01	2	3	5	4.8	
S	L58E 5825N	4	40	6	61	0.1	36	19	238	6.27	13	ND	ND	21	1	2	4	181	0.24	0.12	3	33	1.04	43	0.23	1.51	0.05	0.01	0.01	2	3	10	5.1	
S	L58E 5850N	6	337	15	125	0.5	129	50	4294	6.69	7	ND	ND	31	1	3	2	245	0.88	0.20	15	47	2.36	321	0.15	4.57	0.07	0.17	0.01	10	5	40	6.3	
S	L58E 5875N	2	28	6	53	0.1	33	18	268	5.19	10	ND	ND	16	1	6	2	169	0.28	0.09	3	32	0.75	63	0.27	0.86	0.03	0.02	0.01	2	3	30	5.3	
S	L58E 5900N	2	58	2	55	0.1	48	26	290	5.59	11	ND	ND	13	1	3	2	137	0.21	0.11	1	33	1.46	33	0.21	1.80	0.04	0.02	0.01	2	2	5	5.2	
S	L58E 5925N	4	61	4	112	0.2	44	24	402	6.10	5	ND	ND	20	1	2	2	159	0.27	0.12	4	22	1.23	62	0.24	1.88	0.05	0.03	0.01	3	3	5	5.4	
S	L58E 5950N	3	66	4	70	0.2	55	18	286	5.04	8	ND	ND	20	1	2	2	143	0.28	0.12	3	27	1.46	58	0.20	2.06	0.05	0.07	0.01	5	2	5	5.3	
S	L58E 5975N	4	33	4	53	0.1	38	14	245	4.63	7	ND	ND	22	1	3	2	156	0.31	0.09	3	28	1.03	48	0.25	1.22	0.04	0.03	0.01	2	3	5	5.0	
S	L58E 6000N	2	24	12	42	0.2	37	12	158	3.09	5	ND	ND	17	1	9	3	107	0.21	0.07	2	40	0.80	41	0.24	1.14	0.03	0.02	0.01	4	2	10	4.9	
S	L58E 6025N	3	43	10	53	0.1	49	17	232	4.80	5	ND	ND	22	1	7	2	138	0.33	0.11	2	39	1.14	47	0.23	1.44	0.05	0.02	0.01	3	2	30	5.3	
S	L58E 6050N	5	28	5	47	0.1	45	18	275	5.87	8	ND	ND	16	1	9	2	199	0.24	0.10	2	35	0.94	49	0.34	1.14	0.04	0.03	0.01	3	3	30	5.0	
S	L58E 6075N	5	53	11	44	0.1	38	19	229	5.77	8	ND	ND	21	1	10	2	120	0.29	0.10	2	33	0.94	36	0.18	1.36	0.05	0.01	0.01	3	2	25	5.5	
S	L58E 6100N	4	110	3	52	0.1	62	32	289	6.14	8	ND	ND	20	1	12	2	139	0.53	0.13	2	30	1.35	68	0.17	1.85	0.05	0.07	0.01	4	2	170	6.0	
S	L58E 6125N	11	43	3	39	0.1	52	21	247	5.54	8	ND	ND	18	1	9	2	176	0.30	0.11	2	28	1.24	45	0.33	1.65	0.05	0.09	0.01	4	3	20	4.9	
S	L58E 6150N	10	50	6	58	0.1	68	24	405	5.77	5	ND	ND	25	1	11	2	164	0.61	0.14	2	31	1.50	76	0.24	1.64	0.05	0.07	0.01	6	3	10	5.6	
S	L58E 6175N	8	129	12	44	0.1	27	14	250	5.04	2	ND	ND	25	2	12	2	144	0.86	0.11	4	33	0.47	94	0.13	0.80	0.04	0.01	0.01	4	3	30	5.7	
S	L58E 6200N	7	461	15	60	0.3	57	40	1230	5.04	6	ND	ND	29	1	17	7	129	0.85	0.14	8	32	1.19	131	0.08	1.76	0.06	0.06	0.01	9	3	30	6.4	
S	L58E 6225N	4	82	13	36	0.2	53	42	690	3.46	8	ND	ND	15	1	9	2	82	0.52	0.12	3	54	1.41	83	0.14	1.42	0.04	0.04	0.01	4	2	5	6.0	
S	L58E 6250N	4	26	2	45	0.1	40	17	209	5.40	9	ND	ND	13	1	2	2	205	0.17	0.09	2	41	0.93	42	0.37	1.12	0.05	0.04	0.01	1	3	10	4.5	
S	L58E 6275N	4	34	1	62	0.1	44	20	233	6.20	11	ND	ND	17	1	7	2	258	0.22	0.11	2	34	1.18	80	0.46	1.46	0.06	0.05	0.01	3	4	5	4.6	
S	L58E 6300N	9	52	8	55	0.1	27	26	371	5.32	7	ND	ND	26	1	3	2	186	0.54	0.10	4	29	0.71	87	0.28	1.23	0.05	0.03	0.01	3	3	10	5.8	
S	L58E 6325N	6	31	4	69	0.1	23	23	405	5.46	6	ND	ND	26	1	2	2	205	0.42	0.12	1	21	1.29	55	0.31	1.46	0.05	0.02	0.01	2	3	5	4.5	
S	L58E 6350N	9	322	11	84	0.1	40	36	880	5.25	9	ND	ND	29	1	2	2	163	0.37	0.11	6	27	1.14	93	0.22	2.21	0.07	0.04	0.01	3	3	20	4.7	
S	L58E 6375N	8	182	6	99	0.1	40	29	740	5.59	7	ND	ND	32	1	3	2	164	0.58	0.15	5	28	1.45	137	0.22	2.36	0.07	0.08	0.01	4	3	15	5.6	
S	L58E 6400N	2	58	2	73	0.1	42	21	439	6.32	4	ND	ND	22	1	2	2	213	0.31	0.12	3	26	1.52	55	0.31	2.05	0.06	0.06	0.01	1	4	20	4.3	
S	L58E 6425N	5	218	9	71	0.1	37	29	440	4.48	7	ND	ND	35	1	2	2	129	0.60	0.11	4	29	1.17	85	0.17	1.83	0.06	0.08	0.01	4	2	20	5.5	
S	L58E 6450N	5	179	13	77	0.1	27	14	317	3.13	2	ND	ND	48	1	6	2	94	1.14	0.13	5	31	1.00	159	0.13	1.78	0.05	0.07	0.01	8	2	10	5.5	
S	L58E 6475N	5	401	5	69	0.1	40	28	681	3.77	2	ND	ND	45	1	9	8	98	1.07	0.14	6	42	1.22	186	0.12	1.82	0.05	0.09	0.01	4	2	15	5.8	
S	L58E 6500N	4	132	12	66	0.1	36	25	423	4.12	2	ND	ND	42	1	12	10	108	0.72	0.11	4	36	1.06	100	0.13	1.30	0.05	0.08	0.01	8	2	20	6.2	

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## CERTIFICATE OF ANALYSIS

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

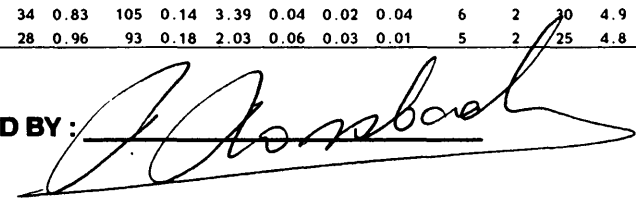
Project: 1384  
Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

Certificate: 91225 C  
Invoice: 20370  
Date Entered: 91-08-25  
File Name: TEK91225.C  
Page No.: 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L59E 4300N	2	65	1	93	0.8	14	16	361	6.14	3	ND	ND	26	1	6	4	115	0.26	0.10	3	22	0.93	77	0.16	2.19	0.05	0.03	0.01	3	2	40	4.8	
S	L59E 4325N	3	68	1	140	0.3	21	17	403	5.57	10	ND	ND	30	1	8	2	99	0.33	0.11	5	26	1.00	113	0.21	2.71	0.05	0.04	0.01	6	2	20	5.2	
S	L59E 4350N	2	84	1	105	0.2	22	25	536	3.86	5	ND	ND	38	1	9	2	58	0.41	0.12	5	28	1.18	113	0.10	2.91	0.06	0.07	0.02	5	2	10	5.7	
S	L59E 4375N	4	170	1	211	0.6	21	21	770	3.78	10	ND	ND	58	1	6	2	61	1.61	0.16	10	33	0.85	144	0.06	3.23	0.06	0.07	0.02	6	2	5	6.5	
S	L59E 4400N	3	44	6	102	0.2	20	17	394	3.50	11	ND	ND	31	1	10	8	65	0.32	0.10	5	31	0.99	70	0.10	2.18	0.06	0.02	0.01	12	1	5	5.2	
S	L59E 4425N	2	65	1	115	0.2	20	18	477	3.88	7	ND	ND	38	1	4	3	60	0.34	0.10	4	31	1.17	85	0.10	2.61	0.05	0.02	0.02	8	1	10	5.0	
S	L59E 4450N	1	68	1	69	0.1	14	12	350	2.94	2	ND	ND	27	1	2	2	47	0.20	0.07	9	32	0.82	145	0.07	3.22	0.05	0.11	0.01	3	1	30	4.7	
S	L59E 4475N	3	81	1	61	0.2	18	20	511	3.80	3	ND	ND	28	1	9	2	70	0.27	0.10	8	34	1.03	93	0.10	2.34	0.05	0.08	0.01	3	2	20	5.3	
S	L59E 4500N	5	62	5	105	0.3	16	18	379	4.36	2	ND	ND	45	1	2	2	74	0.49	0.09	4	37	0.97	89	0.12	2.56	0.04	0.08	0.01	8	2	15	5.9	
S	L59E 4525N	5	71	9	113	0.1	16	21	688	3.67	5	ND	ND	41	1	5	8	68	0.63	0.10	8	36	0.87	108	0.10	1.88	0.04	0.08	0.01	9	2	60	6.4	
S	L59E 4550N	4	42	3	75	0.3	14	12	338	4.22	2	ND	ND	31	1	2	2	93	0.27	0.08	5	34	0.87	87	0.20	1.97	0.03	0.05	0.01	8	2	5	5.1	
S	L59E 4575N	2	23	5	41	0.2	9	8	200	2.65	2	ND	ND	22	1	2	3	65	0.20	0.05	4	40	0.53	87	0.12	1.10	0.02	0.03	0.01	3	1	5	4.6	
S	L59E 4600N	3	43	6	82	0.3	18	11	351	3.73	4	ND	ND	26	1	2	2	64	0.28	0.07	6	40	0.90	101	0.10	2.15	0.03	0.09	0.01	4	1	20	5.4	
S	L59E 4625N	2	22	5	69	0.3	13	8	299	3.67	6	ND	ND	28	1	2	2	93	0.22	0.07	4	33	0.78	82	0.18	1.83	0.03	0.05	0.01	4	2	5	4.7	
S	L59E 4650N	2	22	9	53	0.2	11	7	257	2.75	2	ND	ND	24	1	2	2	56	0.21	0.05	7	33	0.61	92	0.09	1.82	0.02	0.05	0.01	4	1	5	5.0	
S	L59E 4675N	1	46	5	39	0.2	11	8	208	2.87	3	ND	ND	21	1	6	2	50	0.16	0.05	7	36	0.55	65	0.05	1.26	0.03	0.01	0.01	1	1	10	4.3	
S	L59E 4700N	14	108	4	83	0.6	40	23	476	4.64	2	ND	ND	36	1	2	2	101	0.68	0.13	7	49	1.30	132	0.12	3.27	0.05	0.09	0.02	14	2	10	6.1	
S	L59E 4725N	8	35	10	60	0.5	11	9	242	3.47	3	ND	ND	30	1	2	2	86	0.26	0.06	3	29	0.64	90	0.11	1.35	0.03	0.05	0.01	4	2	15	4.9	
S	L59E 4750N	3	88	1	53	0.3	16	13	346	3.51	9	ND	ND	26	1	2	6	62	0.23	0.08	6	37	0.89	78	0.11	1.90	0.03	0.05	0.01	7	1	20	5.4	
S	L59E 4775N	51	115	2	85	0.4	14	11	335	5.87	5	ND	ND	34	1	3	2	211	0.30	0.11	4	29	0.95	92	0.28	1.97	0.06	0.12	0.01	9	4	5	4.8	
S	L59E 4800N	51	110	1	71	0.4	16	7	244	6.67	9	ND	ND	28	1	6	2	239	0.40	0.10	2	44	0.70	98	0.28	1.20	0.06	0.10	0.01	5	4	5	4.7	
S	L59E 4825N	46	102	3	83	0.1	14	9	287	5.76	2	ND	ND	44	1	2	2	190	0.47	0.11	3	27	0.69	110	0.22	1.42	0.06	0.10	0.01	8	3	5	5.0	
S	L59E 4850N	40	142	1	85	0.1	18	15	376	5.95	2	ND	ND	36	1	3	2	181	0.39	0.12	2	23	1.09	63	0.25	2.33	0.07	0.08	0.01	5	3	5	5.2	
S	L59E 4875N	11	39	7	61	0.3	14	9	263	4.05	5	ND	ND	27	1	2	4	104	0.30	0.08	3	32	0.76	60	0.17	1.52	0.05	0.05	0.01	4	2	5	5.0	
S	L59E 4900N	6	27	13	79	0.1	17	12	316	4.82	6	ND	ND	25	1	10	10	109	0.30	0.10	5	31	0.88	68	0.19	1.85	0.05	0.04	0.01	11	2	5	5.1	
S	L59E 4925N	6	59	9	71	0.1	22	18	351	4.17	6	ND	ND	25	1	8	10	82	0.27	0.10	5	29	0.99	82	0.12	2.47	0.06	0.04	0.01	11	2	10	5.0	
S	L59E 4950N	18	54	6	70	0.3	20	11	243	3.85	8	ND	ND	26	1	7	12	115	0.27	0.09	4	31	0.73	82	0.19	1.30	0.05	0.05	0.01	11	2	10	4.8	
S	L59E 4975N	18	60	3	77	0.1	26	13	295	4.52	5	ND	ND	31	1	3	2	136	0.31	0.11	2	32	1.11	79	0.22	1.82	0.06	0.05	0.01	7	2	20	5.0	
S	L59E 5000N	14	63	7	66	0.4	19	14	278	4.74	7	ND	ND	26	1	6	2	92	0.23	0.08	5	37	0.81	89	0.13	2.59	0.04	0.04	0.01	6	2	25	5.1	
S	L59E 5025N	16	76	5	71	0.7	23	17	320	4.95	2	ND	ND	28	1	2	2	107	0.27	0.10	4	38	1.07	72	0.17	2.70	0.05	0.05	0.01	7	2	20	5.2	
S	L59E 5050N	18	81	1	83	0.2	19	17	319	5.53	5	ND	ND	35	1	3	2	114	0.30	0.10	5	28	0.99	101	0.15	2.60	0.05	0.04	0.01	7	2	15	5.1	
S	L59E 5075N	11	56	3	64	0.3	14	11	290	4.89	6	ND	ND	31	1	2	2	109	0.25	0.08	5	27	0.84	97	0.17	2.44	0.05	0.03	0.01	3	2	5	4.9	
S	L59E 5100N	24	76	3	82	0.2	18	15	330	5.76	4	ND	ND	30	1	2	2	125	0.25	0.09	5	24	0.91	93	0.20	2.38	0.05	0.05	0.01	5	2	5	4.9	
S	L59E 5125N	15	71	6	68	0.2	18	15	314	4.79	3	ND	ND	30	1	2	2	89	0.26	0.09	5	25	0.89	116	0.14	3.20	0.05	0.04	0.02	6	2	20	5.0	
S	L59E 5150N	14	56	1	66	0.1	13	13	253	4.80	5	ND	ND	28	1	2	2	103	0.23	0.08	5	24	0.73	99	0.15	2.59	0.05	0.03	0.02	6	2	15	5.0	
S	L59E 5175N	16	85	2	67	0.1	18	13	299	5.40	6	ND	ND	29	1	2	2	112	0.25	0.09	5	24	0.91	103	0.16	3.36	0.05	0.03	0.02	8	2	20	5.3	
S	L59E 5200N	13	83	5	70	0.1	20	20	296	4.52	6	ND	ND	27	1	4	2	74	0.23	0.08	4	24	0.87	96	0.11	2.92	0.05	0.02	0.05	7	2	190	5.3	
S	L59E 5252N	8	81	6	84	0.2	18	15	351	4.64	11	ND	ND	25	1	2	2	86	0.22	0.09	3	37	0.98	97	0.11	3.54	0.05	0.03	0.03	9	2	100	4.8	
S	L59E 5250N	11	63	1	64	0.3	16	11	275	5.31	2	ND	ND	27	1	2	2	101	0.22	0.08	5	34	0.83	105	0.14	3.39	0.04	0.02	0.04	6	2	20	4.9	
S	L59E 5275N	9	60	1	63	0.3	15	13	369	5.55	12	ND	ND	27	1	2	2	137	0.21	0.09	4	28	0.96	93	0.18	2.03	0.06	0.03	0.01	5	2	25	4.8	

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## CERTIFICATE OF ANALYSIS

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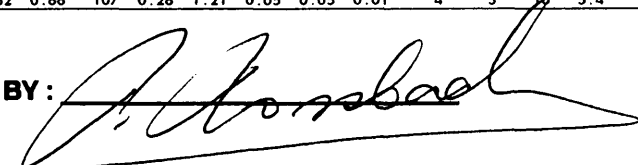
Project: 1384  
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British Columbia, Can. V5B 3N1  
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Certificate: 91225 C  
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Page No.: 4

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPB DH
S	L59E 5300N	6	92	1	56	0.1	15	16	347	4.64	2	ND	ND	26	1	2	2	79	0.21	0.08	5	29	0.90	74	0.12	3.30	0.03	0.01	0.03	6	2	40	5.0	
S	L59E 5325N	9	60	1	70	0.1	14	15	518	4.71	6	ND	ND	33	1	2	2	89	0.23	0.07	3	29	0.86	103	0.10	2.40	0.03	0.01	0.02	8	2	30	5.0	
S	L59E 5350N	22	87	1	128	0.3	41	18	409	4.18	9	ND	ND	32	1	5	2	95	0.40	0.10	7	37	0.97	81	0.10	1.49	0.05	0.05	0.01	10	2	60	5.0	
S	L59E 5375N	75	115	4	26	0.2	27	23	361	4.41	2	ND	ND	22	1	3	2	81	0.30	0.06	11	32	0.87	147	0.08	0.97	0.02	0.14	0.01	29	1	25	5.5	
S	L59E 5400N	13	115	1	65	0.2	19	17	351	4.57	8	ND	ND	31	1	2	2	89	0.23	0.09	4	25	1.01	74	0.12	1.95	0.03	0.02	0.01	8	2	30	5.0	
S	L59E 5425N	10	61	2	91	0.2	12	16	447	5.63	5	ND	ND	22	1	2	2	127	0.19	0.10	4	20	0.91	115	0.17	2.63	0.06	0.03	0.01	7	2	30	4.9	
S	L59E 5450N	8	59	1	87	0.2	16	12	352	6.18	9	ND	ND	19	1	2	2	156	0.16	0.10	3	21	1.01	72	0.18	2.34	0.05	0.01	0.01	6	3	10	4.5	
S	L59E 5475N	7	73	6	85	0.1	23	23	395	5.07	5	ND	ND	25	1	4	2	108	0.22	0.08	4	39	1.06	123	0.16	2.61	0.04	0.05	0.01	9	2	30	5.3	
S	L59E 5500N	10	63	5	74	0.2	21	17	338	5.78	8	ND	ND	24	1	4	8	127	0.20	0.08	6	32	0.90	94	0.20	2.96	0.06	0.02	0.02	12	2	20	5.5	
S	L59E 5525N	11	85	5	70	0.1	23	19	345	4.90	9	ND	ND	27	1	8	9	96	0.22	0.09	4	32	1.03	94	0.13	2.22	0.05	0.02	0.01	13	2	30	5.3	
S	L59E 5550N	7	71	1	84	0.1	21	17	407	4.73	10	ND	ND	26	1	2	2	92	0.22	0.09	4	30	1.01	98	0.15	2.64	0.05	0.02	0.01	7	2	30	5.3	
S	L59E 5575N	5	87	1	70	0.1	22	22	397	4.50	3	ND	ND	24	1	3	2	85	0.21	0.09	4	30	1.20	76	0.11	2.52	0.04	0.03	0.02	10	2	20	5.3	
S	L59E 5600N	6	79	1	79	0.2	21	20	366	5.34	6	ND	ND	22	1	2	2	100	0.19	0.08	4	28	1.11	99	0.12	2.74	0.05	0.01	0.02	6	2	90	5.0	
S	L59E 5625N	8	74	1	61	0.2	21	15	329	6.52	6	ND	ND	25	1	2	2	134	0.19	0.09	3	25	1.05	107	0.22	2.64	0.05	0.01	0.01	6	2	30	5.0	
S	L59E 5650N	7	46	4	83	0.2	26	21	371	6.58	8	ND	ND	18	1	2	2	161	0.20	0.10	4	34	1.02	73	0.25	1.69	0.05	0.02	0.01	6	3	2	5.0	
S	L59E 5675N	5	46	4	52	0.2	25	15	256	5.33	9	ND	ND	18	1	6	2	162	0.19	0.07	3	33	0.94	65	0.24	1.55	0.04	0.01	0.01	6	3	20	4.9	
S	L59E 5700N	4	36	4	48	0.3	28	18	262	6.38	5	ND	ND	11	1	6	2	202	0.23	0.09	2	26	0.99	55	0.31	1.36	0.04	0.01	0.01	2	3	30	5.2	
S	L59E 5725N	3	28	1	31	0.1	20	11	164	5.12	3	ND	ND	15	1	2	2	175	0.23	0.08	2	51	0.58	32	0.24	0.84	0.03	0.01	0.01	5	3	5	5.6	
S	L59E 5750N	4	39	2	49	0.1	30	17	257	5.87	9	ND	ND	15	1	6	2	187	0.29	0.10	2	39	1.08	39	0.28	1.29	0.04	0.02	0.01	4	3	5	5.3	
S	L59E 5775N	4	23	1	47	0.1	25	13	190	5.73	5	ND	ND	14	1	2	2	223	0.26	0.08	2	35	0.80	45	0.29	0.95	0.04	0.01	0.01	4	4	10	5.5	
S	L59E 5800N	4	35	6	39	0.1	26	18	241	5.22	5	ND	ND	15	1	7	10	163	0.38	0.09	3	32	0.89	55	0.21	1.14	0.04	0.02	0.01	9	3	30	5.9	
S	L59E 5825N	2	20	10	34	0.2	22	12	211	4.65	6	ND	ND	9	1	6	8	115	0.14	0.07	2	38	0.61	28	0.18	0.99	0.04	0.01	0.01	7	2	10	5.1	
S	L59E 5850N	3	43	9	61	0.2	32	20	323	7.21	8	ND	ND	11	1	10	4	173	0.14	0.12	3	31	1.38	53	0.26	1.88	0.06	0.03	0.01	9	3	30	4.9	
S	L59E 5875N	3	66	2	59	0.1	70	16	309	4.70	8	ND	ND	19	1	2	2	96	0.22	0.10	2	24	1.46	58	0.14	2.30	0.05	0.02	0.01	6	2	10	5.5	
S	L59E 5900N	2	48	1	74	0.2	56	21	274	5.19	7	ND	ND	13	1	2	2	134	0.18	0.11	1	32	1.51	52	0.16	2.00	0.04	0.02	0.01	5	2	20	5.1	
S	L59E 5925N	4	35	8	39	0.1	45	19	206	6.26	10	ND	ND	13	1	8	8	205	0.19	0.10	2	28	1.04	30	0.27	1.13	0.05	0.01	0.01	7	3	30	4.8	
S	L59E 5950N	2	41	1	34	0.1	40	19	207	4.96	6	ND	ND	11	1	2	2	117	0.14	0.07	1	27	0.99	20	0.15	1.36	0.04	0.01	0.01	4	2	140	5.1	
S	L59E 5975N	2	32	5	47	0.1	45	22	229	6.23	5	ND	ND	15	1	4	2	170	0.23	0.11	2	46	1.09	41	0.19	1.28	0.05	0.01	0.01	4	3	5	4.9	
S	L59E 6000N	5	44	8	53	0.1	48	21	298	5.66	7	ND	ND	19	1	13	7	171	0.53	0.13	4	39	1.15	72	0.22	1.38	0.05	0.03	0.01	12	3	25	6.1	
S	L59E 6025N	6	47	11	51	0.2	43	19	281	5.71	8	ND	ND	21	2	14	9	163	0.69	0.12	5	29	0.91	71	0.22	1.44	0.05	0.02	0.01	10	3	240	6.3	
S	L59E 6050N	4	97	10	57	0.2	43	23	274	9.04	12	ND	ND	4	2	9	7	290	0.14	0.14	2	28	1.65	21	0.35	1.32	0.06	0.03	0.01	10	5	5	4.9	
S	L59E 6075N	5	257	17	79	0.1	72	31	451	6.12	10	ND	ND	21	1	15	8	171	0.41	0.14	4	27	1.83	68	0.18	2.57	0.07	0.07	0.01	11	3	5	5.0	
S	L59E 6100N	5	149	13	68	0.1	48	32	317	5.90	7	ND	ND	10	2	15	10	182	0.39	0.13	3	33	1.38	44	0.21	1.54	0.06	0.02	0.01	10	3	5	5.3	
S	L59E 6125N	4	62	14	61	0.2	38	27	332	5.99	10	ND	ND	12	1	14	8	193	0.24	0.14	3	25	1.73	43	0.24	1.84	0.07	0.04	0.01	7	3	5	4.7	
S	L59E 6150N	5	223	19	54	0.1	52	31	366	5.36	12	ND	ND	18	1	15	8	151	0.48	0.13	4	30	1.43	71	0.17	1.88	0.06	0.03	0.01	11	3	5	5.8	
S	L59E 6175N	5	847	20	87	0.2	84	43	669	5.74	6	ND	ND	28	2	9	6	194	0.86	0.18	5	33	2.09	144	0.19	3.19	0.08	0.09	0.01	13	4	5	6.5	
S	L59E 6200N	4	298	6	46	0.4	43	29	735	4.75	6	ND	ND	25	1	4	2	135	0.78	0.13	6	66	1.00	83	0.09	1.51	0.05	0.04	0.01	6	3	30	6.7	
S	L59E 6225N	4	31	3	45	0.1	40	17	220	5.60	9	ND	ND	15	1	5	4	194	0.37	0.11	1	54	0.91	40	0.29	0.97	0.04	0.04	0.01	8	3	10	4.9	
S	L59E 6250N	7	43	7	55	0.2	46	18	302	6.76	7	ND	ND	13	1	2	2	214	0.27	0.11	2	41	1.10	55	0.33	1.42	0.05	0.03	0.01	4	3	5	4.6	
S	L59E 6300N	8	88	9	71	0.1	31	24	603	5.21	4	ND	ND	22	1	4	2	171	0.63	0.12	4	32	0.88	107	0.28	1.21	0.05	0.05	0.01	4	3	19	5.4	

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# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

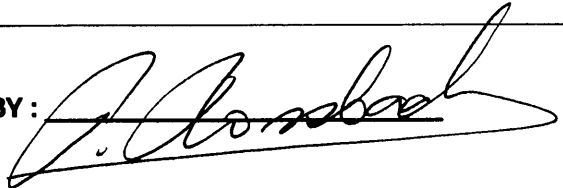
To : TECK EXPLORATIONS LTD.  
 # 960-175 SECOND AVE.  
 KAMLOOPS, B.C.

Project: 1384  
 Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
 British Columbia, Can. V5B 3N1  
 Ph:(604)299-6910 Fax:299-6252

Certificate: 91225 C  
 Invoice: 20370  
 Date Entered: 91-08-25  
 File Name: TEK91225.C  
 Page No.: 5

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPB AA	PPB DH
S	L59E 6325N	11	183	3	83	0.3	25	17	781	2.44	2	ND	ND	56	1	6	4	80	2.61	0.18	5	31	0.67	210	0.06	1.13	0.05	0.04	0.01	7	2	5	6.3	
S	L59E 6350N	12	228	10	79	0.5	39	24	599	3.75	2	ND	ND	47	1	3	3	109	1.36	0.15	6	34	1.19	167	0.09	1.95	0.06	0.10	0.01	7	2	10	6.7	
S	L59E 6375N	5	62	8	47	0.2	24	16	544	3.12	8	ND	ND	22	1	3	2	106	0.39	0.09	2	35	0.88	69	0.16	1.20	0.05	0.08	0.01	7	2	5	4.7	
S	L59E 6400N	2	87	8	39	0.1	23	14	320	2.89	4	ND	ND	34	1	2	2	79	0.46	0.09	4	34	0.90	74	0.13	1.41	0.05	0.03	0.01	6	1	30	4.9	
S	L59E 6425N	2	176	4	50	0.1	29	27	530	3.72	5	ND	ND	35	1	2	2	94	0.59	0.12	4	35	1.10	88	0.13	1.52	0.05	0.11	0.01	8	2	25	5.7	
S	L59E 6450N	2	202	7	47	0.1	27	20	441	2.95	5	ND	ND	27	1	2	2	71	0.61	0.09	2	35	0.90	59	0.09	1.01	0.03	0.12	0.01	4	1	5	6.0	
S	L60E 4300N	4	49	8	125	0.1	14	11	310	6.24	7	ND	ND	24	1	2	2	108	0.22	0.09	5	35	0.71	57	0.25	1.94	0.04	0.02	0.01	6	2	50	4.8	
S	L60E 4325N	3	40	6	71	0.1	14	11	333	4.75	7	ND	ND	25	1	8	2	72	0.24	0.08	3	34	0.87	72	0.18	2.76	0.04	0.01	0.02	9	2	10	5.1	
S	L60E 4350N	2	26	4	72	0.2	10	10	253	3.50	3	ND	ND	25	1	6	2	68	0.26	0.07	3	33	0.64	78	0.14	2.04	0.04	0.01	0.01	6	1	5	5.0	
S	L60E 4375N	2	50	6	74	0.2	18	15	376	3.42	6	ND	ND	26	1	4	2	48	0.26	0.08	2	36	0.99	67	0.12	2.66	0.05	0.01	0.03	7	1	15	5.4	
S	L60E 4400N	1	34	4	73	0.1	14	12	312	3.83	6	ND	ND	22	1	3	2	57	0.22	0.08	2	35	0.81	69	0.15	3.17	0.05	0.01	0.03	6	1	10	5.4	
S	L60E 4425N	2	42	4	65	0.1	12	9	282	4.23	8	ND	ND	24	1	7	2	68	0.22	0.08	3	32	0.76	95	0.15	2.41	0.04	0.01	0.01	7	1	10	4.9	
S	L60E 4450N	3	50	7	89	0.1	16	9	375	4.18	7	ND	ND	28	1	9	2	71	0.36	0.10	3	34	0.97	88	0.12	2.18	0.05	0.03	0.01	4	1	15	4.9	
S	L60E 4475N	3	61	5	76	0.2	16	11	331	2.91	6	ND	ND	30	1	11	2	49	0.28	0.08	7	35	0.83	92	0.06	2.00	0.04	0.06	0.01	4	1	10	4.7	
S	L60E 4500N	22	105	8	86	0.1	17	12	439	5.03	4	ND	ND	23	1	7	2	88	0.24	0.08	8	33	0.78	135	0.09	3.06	0.05	0.16	0.01	8	2	10	4.4	
S	L60E 4525N	17	89	9	161	0.1	14	34	1946	6.34	9	ND	ND	-25	2	4	2	67	0.45	0.11	8	22	0.80	106	0.08	2.53	0.05	0.06	0.02	6	2	50	5.3	
S	L60E 4550N	11	64	6	145	0.3	15	18	552	5.08	7	ND	ND	32	1	7	4	93	0.38	0.08	5	33	0.72	154	0.15	1.73	0.04	0.06	0.01	13	2	40	4.9	
S	L60E 4575N	7	49	1	76	0.2	20	12	307	3.61	3	ND	ND	27	1	2	2	79	0.25	0.06	5	48	0.82	109	0.14	1.58	0.04	0.06	0.01	5	1	10	4.8	
S	L60E 4600N	2	34	1	58	0.3	14	8	262	3.76	6	ND	ND	21	1	6	3	58	0.23	0.05	4	34	0.70	63	0.08	1.65	0.03	0.01	0.01	6	1	30	5.1	
S	L60E 4625N	6	32	3	79	0.3	17	11	310	3.59	2	ND	ND	31	1	6	3	76	0.46	0.08	4	37	0.88	77	0.12	1.56	0.04	0.04	0.01	3	1	10	5.7	
S	L60E 4650N	3	48	4	54	0.2	15	10	292	3.17	5	ND	ND	20	1	5	3	57	0.19	0.06	6	31	0.76	59	0.09	2.09	0.04	0.01	0.02	5	1	10	5.1	
S	L60E 4675N	1	34	1	55	0.1	11	6	229	3.05	2	ND	ND	22	1	2	2	56	0.13	0.04	4	29	0.56	68	0.09	2.39	0.03	0.01	0.01	2	1	20	4.5	
S	L60E 4700N	6	72	2	66	0.2	17	9	278	4.06	7	ND	ND	20	1	4	3	70	0.19	0.07	5	31	0.76	51	0.08	1.51	0.04	0.02	0.01	6	1	30	4.3	
S	L60E 4725N	17	67	6	127	0.6	18	21	788	4.43	4	ND	ND	46	1	7	2	128	0.54	0.10	3	31	0.96	115	0.13	1.46	0.05	0.18	0.01	7	2	5	5.7	
S	L60E 4750N	3	97	1	69	0.3	18	14	354	3.57	4	ND	ND	28	1	2	2	61	0.24	0.07	6	30	0.91	94	0.09	1.98	0.04	0.03	0.01	5	1	20	5.4	
S	L60E 4775N	4	35	2	99	0.3	13	8	268	4.46	7	ND	ND	19	1	8	2	82	0.18	0.06	5	28	0.65	77	0.10	1.70	0.04	0.02	0.01	7	2	50	4.7	
S	L60E 4800N	1	27	8	38	0.3	12	10	216	2.78	6	ND	ND	16	1	2	6	50	0.16	0.05	4	40	0.56	54	0.09	1.86	0.03	0.01	0.02	4	1	20	5.3	
S	L60E 4825N	7	38	5	66	0.2	8	9	236	4.26	9	ND	ND	22	1	2	4	145	0.21	0.08	3	30	0.59	67	0.24	1.44	0.05	0.01	0.01	5	2	5	4.7	
S	L60E 4850N	9	54	10	80	0.2	12	8	277	4.38	6	ND	ND	21	1	2	2	142	0.23	0.08	3	36	0.68	76	0.21	1.28	0.05	0.05	0.01	5	2	20	4.3	
S	L60E 4875N	7	51	7	69	0.2	14	10	293	4.33	6	ND	ND	20	1	2	2	101	0.23	0.08	3	31	0.84	58	0.16	1.88	0.04	0.02	0.01	5	2	10	4.9	
S	L60E 4900N	6	67	5	85	0.1	17	15	385	5.27	10	ND	ND	28	1	2	2	117	0.35	0.10	3	30	1.07	104	0.16	2.07	0.05	0.07	0.01	4	2	30	5.1	
S	L60E 4925N	10	52	7	72	0.2	14	10	279	4.36	6	ND	ND	20	1	2	2	105	0.25	0.08	3	31	0.78	71	0.11	1.80	0.04	0.03	0.01	3	2	5	4.9	
S	L60E 4950N	13	69	6	83	0.1	14	11	268	4.42	6	ND	ND	24	1	2	2	107	0.29	0.08	4	30	0.75	94	0.11	1.53	0.05	0.04	0.01	4	2	5	4.9	
S	L60E 4975N	9	40	11	60	0.1	13	9	237	3.83	5	ND	ND	18	1	2	2	86	0.19	0.08	3	34	0.68	52	0.13	1.61	0.05	0.02	0.01	4	2	5	4.9	
S	L60E 5000N	12	67	1	74	0.2	18	15	301	5.13	9	ND	ND	26	1	2	2	104	0.26	0.07	4	29	0.91	99	0.15	2.35	0.03	0.04	0.01	3	2	50	5.2	

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# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

Certificate: 91225 D  
Invoice: 20370  
Date Entered: 91-08-25  
File Name: **TEK91225.D**  
Page No.: 1

(PH ADDED)

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L60E 5025N	18	83	5	62	0.2	22	16	320	4.53	3	ND	ND	33	1	5	2	110	0.37	0.10	7	25	1.01	108	0.17	1.84	0.04	0.07	0.01	7	2	10	5.8	
S	L60E 5050N	15	41	5	58	0.2	21	12	274	5.22	3	ND	ND	22	1	4	2	141	0.21	0.08	4	26	0.89	100	0.20	1.78	0.04	0.05	0.01	9	2	5	4.7	
S	L60E 5075N	10	67	1	78	0.4	20	15	289	5.04	8	ND	ND	27	1	2	2	96	0.28	0.10	4	25	0.91	97	0.13	2.47	0.05	0.04	0.01	6	2	15	5.0	
S	L60E 5100N	10	34	7	53	0.1	16	10	217	5.01	2	ND	ND	25	1	2	2	134	0.27	0.08	5	27	0.75	65	0.20	1.48	0.04	0.03	0.01	3	2	10	4.8	
S	L60E 5125N	14	69	1	95	0.1	21	13	310	6.06	2	ND	ND	27	1	2	2	124	0.25	0.11	5	26	0.93	102	0.19	2.85	0.05	0.03	0.01	3	2	20	4.9	
S	L60E 5150N	12	85	4	98	0.2	22	8	335	5.94	2	ND	ND	26	1	2	2	112	0.23	0.10	5	22	1.03	124	0.18	4.32	0.06	0.05	0.05	1	2	20	5.4	
S	L60E 5175N	12	62	4	74	0.2	16	13	263	5.23	2	ND	ND	25	1	2	2	105	0.22	0.08	3	19	0.82	87	0.15	2.78	0.05	0.03	0.02	2	2	10	5.0	
S	L60E 5200N	14	68	1	78	0.1	16	12	289	5.62	2	ND	ND	26	1	2	2	112	0.21	0.10	3	16	0.84	92	0.17	2.42	0.05	0.03	0.01	1	2	15	5.0	
S	L60E 5225N	11	63	2	82	0.1	13	11	280	5.86	3	ND	ND	20	1	2	2	119	0.17	0.10	3	12	0.84	75	0.15	3.18	0.05	0.02	0.02	1	2	20	4.7	
S	L60E 5250N	13	60	3	83	0.2	13	13	303	5.89	6	ND	ND	26	1	2	2	147	0.20	0.10	4	12	0.84	108	0.23	2.15	0.05	0.04	0.01	1	3	10	4.8	
S	L60E 5275N	9	71	6	76	0.3	15	15	318	6.17	2	ND	ND	30	1	5	2	114	0.24	0.10	3	19	0.87	90	0.15	2.78	0.05	0.03	0.02	4	2	20	5.1	
S	L60E 5300N	17	99	2	90	0.2	24	15	362	5.76	5	ND	ND	28	1	3	2	109	0.25	0.11	4	22	1.06	86	0.15	2.90	0.05	0.02	0.02	5	2	20	4.9	
S	L60E 5325N	11	145	1	96	0.2	23	20	527	5.27	3	ND	ND	29	1	3	2	104	0.29	0.11	4	20	1.20	98	0.16	2.74	0.05	0.07	0.01	3	2	70	4.8	
S	L60E 5350N	14	134	1	90	0.4	21	20	433	4.94	2	ND	ND	49	1	4	2	100	0.78	0.14	8	23	1.08	163	0.11	2.56	0.05	0.06	0.02	8	2	30	6.3	
S	L60E 5375N	59	189	13	73	0.3	47	37	738	7.34	2	ND	ND	46	1	9	2	170	0.89	0.18	16	22	1.64	160	0.13	2.07	0.06	0.22	0.01	71	3	40	6.6	
S	L60E 5400N	20	82	2	56	0.1	17	13	282	4.54	5	ND	ND	26	1	2	2	98	0.25	0.10	3	20	0.89	76	0.15	1.83	0.05	0.06	0.01	11	2	10	4.8	
S	L60E 5425N	15	85	1	93	0.2	25	22	294	7.09	2	ND	ND	25	1	8	2	187	0.26	0.12	6	14	0.95	112	0.24	2.34	0.06	0.03	0.01	12	3	5	4.5	
S	L60E 5450N	15	57	5	70	0.1	19	14	327	5.79	2	ND	ND	25	1	9	2	151	0.23	0.11	3	16	0.98	67	0.18	1.91	0.05	0.04	0.01	8	3	100	4.7	
S	L60E 5475N	5	97	3	179	0.8	23	18	549	6.36	2	ND	ND	24	1	2	2	142	0.25	0.12	5	15	1.24	124	0.17	3.35	0.07	0.05	0.01	5	3	10	4.9	
S	L60E 5500N	7	28	7	65	0.4	11	10	258	4.26	2	ND	ND	19	1	8	2	112	0.19	0.07	4	19	0.61	76	0.16	1.72	0.04	0.01	0.01	8	2	25	4.7	
S	L60E 5525N	8	74	1	145	0.4	22	19	582	5.66	4	ND	ND	27	1	2	2	123	0.26	0.12	4	20	1.22	115	0.18	3.04	0.06	0.05	0.01	1	2	60	4.8	
S	L60E 5550N	8	79	1	115	0.2	22	17	436	5.84	5	ND	ND	29	1	3	2	108	0.25	0.11	3	19	1.07	104	0.15	2.93	0.05	0.03	0.01	1	2	50	5.0	
S	L60E 5575N	7	88	4	81	0.3	23	21	361	5.86	2	ND	ND	29	1	6	2	102	0.24	0.11	4	19	1.08	125	0.11	2.48	0.04	0.03	0.01	4	2	50	5.1	
S	L60E 5600N	7	45	4	64	0.2	15	11	295	4.52	2	ND	ND	30	1	6	2	108	0.27	0.10	4	21	0.88	78	0.18	1.97	0.04	0.02	0.01	2	2	50	4.9	
S	L60E 5625N	6	65	3	67	0.2	19	15	335	4.23	2	ND	ND	28	1	2	2	86	0.22	0.10	3	23	0.98	103	0.17	2.32	0.04	0.01	0.01	2	2	50	5.1	
S	L60E 5650N	7	49	1	93	0.5	15	15	337	4.97	4	ND	ND	26	1	2	2	110	0.22	0.10	4	20	0.89	102	0.17	2.67	0.05	0.03	0.01	3	2	10	5.0	
S	L60E 5675N	5	104	1	73	0.3	22	23	407	4.80	4	ND	ND	24	1	5	2	84	0.30	0.11	4	21	1.10	76	0.11	3.00	0.04	0.04	0.02	2	2	40	5.6	
S	L60E 5700N	7	87	1	87	0.3	21	20	420	5.15	2	ND	ND	24	1	2	2	114	0.23	0.11	3	21	1.19	110	0.16	2.95	0.05	0.03	0.01	5	2	20	5.0	
S	L60E 5725N	6	70	1	84	0.3	17	15	341	6.04	3	ND	ND	24	1	4	2	93	0.23	0.10	3	17	0.85	78	0.10	2.89	0.05	0.01	0.01	6	2	50	4.8	
S	L60E 5750N	3	46	2	58	0.2	32	20	241	6.24	8	ND	ND	13	1	2	2	143	0.17	0.10	2	29	1.02	57	0.20	1.62	0.04	0.03	0.01	2	3	50	4.7	
S	L60E 5775N	4	41	1	60	0.1	27	18	283	6.34	3	ND	ND	16	1	2	2	166	0.21	0.12	2	25	1.08	65	0.28	1.97	0.04	0.02	0.01	3	3	20	5.4	
S	L60E 5800N	4	49	8	60	0.2	26	17	277	6.97	7	ND	ND	21	1	3	2	177	0.23	0.11	2	24	0.97	54	0.27	1.67	0.04	0.01	0.01	4	3	50	5.0	
S	L60E 5825N	3	55	8	82	0.1	33	27	410	5.47	8	ND	ND	18	1	3	2	143	0.25	0.12	2	25	1.27	97	0.16	1.73	0.04	0.05	0.01	1	3	25	5.1	
S	L60E 5850N	3	27	9	48	0.2	18	13	215	4.65	4	ND	ND	15	1	3	5	138	0.16	0.08	2	27	0.83	42	0.24	1.27	0.04	0.02	0.01	3	2	30	5.0	
S	L60E 5875N	3	47	4	61	0.3	30	18	291	6.76	5	ND	ND	15	1	4	3	174	0.16	0.11	2	22	1.02	39	0.29	1.68	0.05	0.01	0.01	1	3	35	4.9	
S	L60E 5900N	2	51	2	70	0.2	36	20	301	5.58	4	ND	ND	17	1	6	2	131	0.20	0.11	2	24	1.23	51	0.17	2.30	0.04	0.03	0.01	3	2	30	5.0	
S	L60E 5925N	5	32	7	63	0.3	29	16	290	6.87	2	ND	ND	15	1	5	2	171	0.18	0.08	3	20	0.75	60	0.20	1.30	0.04	0.01	0.01	4	3	25	4.9	
S	L60E 5950N	2	20	8	63	0.2	22	16	186	5.46	3	ND	ND	11	1	4	5	173	0.18	0.10	2	25	0.76	56	0.24	0.92	0.03	0.01	0.01	2	3	10	4.9	
S	L60E 5975N	1	21	7	44	0.1	26	15	156	5.47	5	ND	ND	15	1	5	2	185	0.21	0.08	2	24	0.62	41	0.28	0.79	0.04	0.01	0.01	1	3	5	4.8	
S	L60E 6000N	2	28	2	49	0.1	37	15	166	4.76	9	ND	ND	11	1	6	4	131	0.25	0.10	1	38	1.12	45	0.22	1.05	0.04	0.01	0.01	3	2	50	4.6	

CERTIFIED BY: 

# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

To : TECK EXPLORATIONS LTD.  
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KAMLOOPS, B.C.

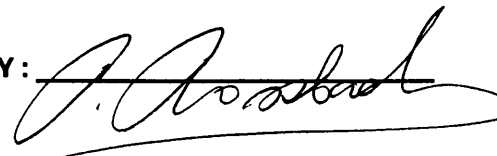
Project: 1384  
Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

Certificate: 91225 D  
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Page No.: 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU	PPB AA	PPB DH
S	L60E 6025N	5	514	15	73	0.3	45	27	256	8.14	2	ND	ND	18	2	5	2	334	0.92	0.16	4	26	1.15	146	0.27	1.63	0.05	0.05	0.01	2	6	5	6.5	
S	L60E 6050N	1	35	5	89	0.1	39	20	228	7.20	5	ND	ND	6	1	4	4	302	0.22	0.12	1	22	1.33	40	0.40	1.27	0.05	0.04	0.01	1	5	5	4.8	
S	L60E 6075N	1	29	7	62	0.3	31	15	189	6.83	4	ND	ND	10	1	2	2	215	0.16	0.10	2	23	0.76	36	0.33	0.89	0.05	0.01	0.01	1	3	30	4.8	
S	L60E 6100N	1	76	1	93	0.2	94	48	321	7.71	7	ND	ND	3	1	5	2	276	0.31	0.16	1	16	1.90	17	0.31	1.56	0.05	0.01	0.01	2	5	5	5.0	
S	L60E 6125N	2	103	61	87	0.2	44	24	257	5.62	5	ND	ND	7	1	3	3	199	0.23	0.12	1	27	1.44	25	0.23	1.26	0.05	0.05	0.01	1	3	10	5.0	
S	L60E 6150N	1	118	4	70	0.2	40	24	409	5.25	2	ND	ND	21	1	8	2	150	0.66	0.12	3	25	1.08	70	0.11	1.31	0.05	0.05	0.01	2	3	5	6.0	
S	L60E 6175N	3	188	4	67	0.2	61	38	589	5.25	5	ND	ND	24	2	8	2	149	0.70	0.13	4	22	1.26	95	0.10	1.67	0.05	0.05	0.01	5	3	20	6.4	
S	L60E 6200N	2	76	1	66	0.2	59	27	316	5.53	6	ND	ND	21	1	8	2	145	0.65	0.14	3	21	1.45	68	0.18	1.98	0.05	0.06	0.01	2	3	120	5.9	
S	L60E 6225N	2	54	3	61	0.2	48	20	305	4.79	2	ND	ND	23	1	5	2	127	0.67	0.12	2	23	1.30	57	0.14	1.49	0.05	0.04	0.01	4	2	10	6.0	
S	L60E 6250N	2	42	3	90	0.1	49	21	501	6.10	12	ND	ND	16	1	6	2	191	0.24	0.12	4	25	1.35	105	0.32	1.87	0.05	0.13	0.01	2	3	10	4.5	
S	L60E 6275N	3	208	6	84	0.3	52	37	718	5.50	5	ND	ND	19	1	8	2	137	0.63	0.13	4	31	1.17	70	0.08	1.48	0.05	0.08	0.01	3	3	30	6.3	
S	L60E 6300N	2	44	1	78	0.1	50	32	452	6.27	8	ND	ND	14	1	8	2	196	0.37	0.13	1	25	1.36	64	0.27	1.45	0.05	0.15	0.01	2	3	5	4.8	
S	L60E 6325N	9	421	9	92	0.1	48	37	1042	4.59	3	ND	ND	28	1	10	2	133	0.55	0.12	6	25	1.16	97	0.16	2.12	0.05	0.07	0.01	5	2	40	5.8	
S	L60E 6350N	2	300	7	73	0.4	44	27	343	5.45	6	ND	ND	23	1	5	2	141	0.67	0.13	4	23	1.21	86	0.17	1.75	0.05	0.10	0.01	3	3	15	6.5	
S	L60E 6375N	9	365	5	69	0.4	31	20	548	3.17	5	ND	ND	34	1	11	2	84	0.78	0.12	6	28	0.93	127	0.08	1.68	0.05	0.08	0.01	5	2	20	6.3	
S	L60E 6400N	40	751	10	103	1.2	44	44	2376	4.83	2	ND	ND	43	2	6	2	131	1.31	0.17	10	23	1.14	254	0.06	2.09	0.07	0.15	0.01	6	3	25	6.4	
S	L60E 6425N	4	163	4	61	0.2	41	34	613	5.19	7	ND	ND	28	1	8	2	129	0.46	0.12	4	22	1.29	108	0.15	1.64	0.05	0.18	0.01	1	2	20	5.2	
S	L60E 6450N	2	119	4	53	0.3	23	28	429	3.93	5	ND	ND	29	1	8	2	91	0.54	0.10	3	22	0.85	81	0.12	1.09	0.05	0.15	0.01	1	2	80	6.1	
S	L61E 4300N	4	128	7	317	0.1	28	20	608	5.96	16	ND	ND	36	1	7	2	77	0.38	0.12	7	13	1.22	109	0.18	2.83	0.06	0.04	0.01	4	2	10	5.4	
S	L61E 4325N	3	92	15	111	0.4	25	49	1729	4.76	10	ND	ND	65	2	5	2	51	1.01	0.12	6	18	0.55	69	0.07	2.92	0.05	0.01	0.02	4	1	20	6.2	
S	L61E 4350N	3	104	4	180	0.3	24	29	3984	5.51	531	ND	ND	93	3	2	2	62	2.09	0.22	5	15	1.10	143	0.04	2.78	0.11	0.01	0.02	4	1	5	6.8	
S	L61E 4375N	3	56	1	116	0.2	21	17	421	3.92	15	ND	ND	32	1	4	2	53	0.33	0.08	4	23	0.94	72	0.08	2.63	0.04	0.05	0.01	2	1	5	5.0	
S	L61E 4400N	3	32	6	99	0.2	13	13	376	4.41	4	ND	ND	27	1	4	2	80	0.24	0.08	3	20	0.83	74	0.18	1.99	0.04	0.09	0.01	4	2	5	4.8	
S	L61E 4425N	2	26	3	105	0.2	12	12	300	4.03	3	ND	ND	21	1	2	2	75	0.21	0.08	4	22	0.71	83	0.15	2.09	0.05	0.04	0.01	5	2	5	5.0	
S	L61E 4450N	1	42	2	95	0.1	22	11	365	4.24	3	ND	ND	24	1	4	2	59	0.24	0.10	4	23	0.99	101	0.13	3.79	0.06	0.02	0.02	2	1	5	5.0	
S	L61E 4475N	3	20	2	73	0.2	8	8	244	3.40	10	ND	ND	20	1	2	2	105	0.20	0.07	3	23	0.62	73	0.20	1.44	0.04	0.04	0.01	4	2	50	4.4	
S	L61E 4500N	4	42	1	126	0.1	16	16	387	5.92	6	ND	ND	22	2	2	2	94	0.22	0.10	3	17	0.83	76	0.20	2.20	0.05	0.04	0.01	6	2	5	4.6	
S	L61E 4525N	4	66	1	66	0.5	15	8	233	3.79	5	ND	ND	28	1	4	2	81	0.25	0.07	4	24	0.70	59	0.17	1.84	0.04	0.02	0.01	5	1	10	4.5	
S	L61E 4550N	2	88	5	90	0.2	19	22	835	3.26	4	ND	ND	50	1	6	2	58	0.53	0.11	13	25	1.05	200	0.09	1.84	0.05	0.17	0.01	5	1	10	5.4	
S	L61E 4575N	4	73	6	67	0.2	16	15	549	3.01	2	ND	ND	43	2	7	2	62	0.92	0.12	6	28	0.84	141	0.07	1.37	0.04	0.07	0.01	5	1	40	6.4	
S	L61E 4600N	10	43	3	109	0.2	16	11	385	3.77	4	ND	ND	38	2	7	2	93	0.67	0.11	5	27	0.85	150	0.17	1.48	0.05	0.06	0.01	5	2	5	5.6	
S	L61E 4625N	7	43	1	109	0.7	12	14	1153	3.27	5	ND	ND	26	1	2	2	69	0.22	0.07	6	26	0.69	100	0.10	1.88	0.05	0.05	0.01	4	1	5	4.5	
S	L61E 4650N	4	38	3	74	0.3	14	9	306	4.27	9	ND	ND	26	1	2	2	71	0.24	0.08	5	23	0.73	78	0.12	2.80	0.06	0.02	0.01	2	2	5	4.7	
S	L61E 4675N	1	36	3	59	0.2	15	8	280	3.86	4	ND	ND	23	1	9	2	70	0.20	0.08	5	25	0.77	64	0.09	2.13	0.05	0.01	0.01	2	1	40	4.6	
S	L61E 4700N	14	89	5	57	0.4	25	12	392	3.70	2	ND	ND	38	1	7	2	79	0.51	0.10	6	28	0.85	94	0.08	1.62	0.05	0.05	0.01	5	2	20	5.1	
S	L61E 4725N	2	42	5	65	0.3	16	10	339	3.59	7	ND	ND	45	1	6	2	67	0.50	0.10	6	25	0.92	87	0.07	1.53	0.05	0.03	0.01	6	1	30	5.8	
S	L61E 4750N	1	30	2	83	0.3	14	10	301	3.96	6	ND	ND	24	1	6	2	87	0.20	0.08	4	24	0.83	87	0.17	2.25	0.05	0.03	0.01	4	2	5	4.9	
S	L61E 4775N	3	70	1	61	0.4	16	14	297	4.25	2	ND	ND	36	1	2	2	71	0.22	0.08	5	22	0.85	133	0.10	2.68	0.05	0.02	0.03	3	2	30	5.0	
S	L61E 4800N	6	62	4	119	1.0	15	12	365	4.96	2	ND	ND	24	1	2	2	99	0.17	0.10	4	22	0.93	145	0.17	3.14	0.06	0.08	0.01	4	2	5	4.6	
S	L61E 4825N	5	57	4	91	0.6	14	9	335	4.46	7	ND	ND	20	1	4	2	114	0.20	0.08	4	24	0.87	100	0.16	1.92	0.05	0.06	0.01	4	2	30	4.5	

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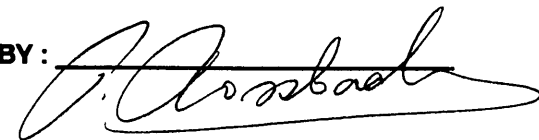
To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91225 D  
Invoice: 20370  
Date Entered: 91-08-25  
File Name: TEK91225.D  
Page No.: 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HC	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L61E 4850N	9	62	4	115	0.2	20	15	312	5.25	8	ND	ND	22	1	2	2	105	0.21	0.10	4	23	0.88	93	0.17	2.33	0.06	0.05	0.01	3	2	10	5.1	
S	L61E 4875N	4	40	10	98	0.3	10	11	260	4.21	2	ND	ND	18	2	5	2	84	0.16	0.07	3	24	0.66	73	0.12	2.62	0.05	0.02	0.01	4	2	10	4.8	
S	L61E 4900N	7	85	1	87	0.2	16	15	323	4.21	3	ND	ND	19	1	5	2	85	0.19	0.10	3	24	0.88	89	0.12	3.21	0.06	0.02	0.01	3	2	20	5.2	
S	L61E 4925N	7	86	5	121	0.2	16	16	326	4.39	8	ND	ND	21	1	2	2	93	0.18	0.08	5	23	0.82	83	0.14	2.32	0.06	0.03	0.01	4	2	15	4.8	
S	L61E 4950N	6	67	1	94	0.1	17	16	336	4.25	2	ND	ND	18	1	2	2	86	0.17	0.08	3	22	0.86	81	0.13	2.82	0.06	0.05	0.01	2	2	10	4.8	
S	L61E 4975N	8	47	5	71	0.2	12	11	261	4.17	3	ND	ND	20	1	2	2	103	0.21	0.08	3	23	0.70	73	0.14	2.07	0.05	0.03	0.01	7	2	10	4.7	
S	L61E 5000N	12	83	4	125	0.4	20	17	347	4.98	2	ND	ND	22	2	2	2	105	0.21	0.10	4	21	1.02	82	0.15	2.84	0.05	0.06	0.01	4	2	30	4.8	
S	L61E 5025N	7	92	1	97	0.2	16	16	314	5.30	2	ND	ND	20	1	4	2	104	0.20	0.10	4	18	0.88	78	0.13	2.62	0.06	0.02	0.01	3	2	10	4.8	
S	L61E 5050N	8	69	1	122	0.4	16	15	314	5.01	2	ND	ND	18	1	4	2	110	0.15	0.08	4	23	0.85	97	0.16	2.79	0.05	0.05	0.01	2	2	10	4.9	
S	L61E 5075N	16	69	4	118	0.2	20	15	337	5.39	2	ND	ND	20	1	5	2	111	0.19	0.10	4	24	0.96	102	0.17	2.39	0.04	0.05	0.01	5	2	15	5.0	
S	L61E 5100N	6	34	1	70	0.2	10	9	216	3.79	2	ND	ND	18	1	8	2	89	0.17	0.07	3	24	0.53	75	0.12	1.85	0.03	0.02	0.01	5	2	20	4.9	
S	L61E 5125N	7	42	1	78	0.2	14	10	272	4.63	2	ND	ND	19	1	6	2	105	0.18	0.08	3	22	0.81	72	0.15	2.43	0.05	0.03	0.01	2	2	15	4.8	
S	L61E 5150N	9	72	1	94	0.2	16	15	340	4.57	2	ND	ND	22	1	4	2	105	0.19	0.08	3	22	0.88	93	0.16	2.31	0.05	0.04	0.01	7	2	90	4.9	
S	L61E 5175N	9	68	1	88	0.2	16	15	318	4.59	4	ND	ND	21	1	5	2	99	0.18	0.08	3	22	0.89	76	0.16	2.32	0.05	0.04	0.01	6	2	40	5.0	
S	L61E 5200N	6	61	1	75	0.2	15	12	279	4.18	2	ND	ND	20	1	5	2	80	0.19	0.07	4	22	0.80	78	0.11	2.62	0.04	0.02	0.03	7	2	280	5.0	
S	L61E 5225N	9	79	1	84	0.4	14	13	265	4.25	6	ND	ND	23	2	2	2	90	0.22	0.07	5	22	0.72	84	0.13	2.39	0.04	0.02	0.02	5	2	40	5.2	
S	L61E 5250N	9	55	1	71	0.3	14	11	289	4.42	2	ND	ND	23	1	4	2	100	0.21	0.08	4	22	0.82	84	0.15	2.23	0.04	0.03	0.01	8	2	10	5.1	
S	L61E 5275N	11	68	1	90	0.2	16	9	295	6.59	2	ND	ND	24	1	6	2	168	0.19	0.11	4	16	0.92	111	0.19	2.58	0.06	0.03	0.01	6	3	30	4.7	
S	L61E 5300N	10	66	2	93	0.4	14	6	265	6.02	2	ND	ND	19	1	4	2	98	0.14	0.08	4	21	0.72	87	0.15	3.61	0.05	0.02	0.01	5	2	40	5.0	
S	L61E 5325N	11	83	1	75	0.3	17	14	292	5.27	2	ND	ND	22	1	2	2	98	0.16	0.10	4	22	0.90	72	0.12	2.73	0.04	0.02	0.01	8	2	50	4.7	
S	L61E 5350N	11	108	8	59	0.3	15	17	329	3.58	3	ND	ND	30	1	9	2	61	0.22	0.08	5	25	0.84	81	0.08	1.55	0.04	0.03	0.01	5	1	30	4.8	
S	L61E 5375N	6	87	6	58	0.3	62	22	383	4.50	6	ND	ND	21	1	7	2	112	0.24	0.12	2	34	1.65	66	0.15	2.38	0.04	0.03	0.01	12	2	15	5.1	
S	L61E 5400N	12	174	3	145	1.2	24	30	937	4.80	2	ND	ND	37	2	4	2	97	0.76	0.13	16	23	0.99	174	0.10	2.22	0.05	0.05	0.01	14	2	10	6.2	
S	L61E 5425N	8	90	3	71	0.4	19	15	304	4.88	2	ND	ND	28	1	5	2	77	0.23	0.10	4	21	0.91	107	0.11	2.91	0.05	0.02	0.01	6	2	40	5.0	
S	L61E 5450N	16	46	5	69	0.2	17	11	354	3.03	2	ND	ND	30	1	11	3	113	0.33	0.08	4	25	1.14	65	0.16	1.88	0.04	0.03	0.01	8	2	40	5.3	
S	L61E 5475N	9	81	4	119	0.3	22	15	401	6.30	2	ND	ND	27	1	2	2	129	0.26	0.12	4	19	1.27	105	0.18	2.78	0.06	0.05	0.01	4	3	20	5.0	
S	L61E 5500N	6	97	2	97	0.2	23	21	359	4.99	6	ND	ND	29	1	3	2	92	0.24	0.11	5	21	1.11	134	0.11	2.80	0.05	0.05	0.03	8	2	40	5.2	
S	L61E 5525N	8	111	2	101	0.3	27	19	405	5.53	2	ND	ND	26	1	2	2	113	0.21	0.12	4	19	1.22	109	0.15	3.31	0.06	0.06	0.01	5	2	520	5.2	
S	L61E 5550N	9	126	2	73	0.2	21	23	422	3.95	7	ND	ND	31	2	6	3	77	0.28	0.10	4	26	1.03	84	0.09	1.53	0.05	0.05	0.01	8	2	40	5.0	
S	L61E 5575N	7	69	4	127	0.4	19	13	402	5.66	3	ND	ND	23	1	2	2	105	0.19	0.11	4	22	0.99	114	0.14	3.52	0.06	0.04	0.03	4	2	10	5.0	
S	L61E 5600N	8	81	9	123	0.3	24	25	385	5.60	10	ND	ND	25	1	9	5	106	0.19	0.12	4	20	1.10	106	0.14	2.62	0.07	0.03	0.01	18	2	90	5.1	
S	L61E 5625N	7	41	5	80	0.2	14	12	297	4.36	5	ND	ND	23	1	7	2	109	0.24	0.10	3	22	0.76	70	0.17	1.67	0.05	0.04	0.01	5	2	20	5.3	
S	L61E 5650N	7	72	7	112	0.4	45	20	359	5.43	7	ND	ND	25	2	9	7	114	0.21	0.11	5	25	1.19	95	0.16	2.79	0.06	0.04	0.01	10	2	50	5.0	
S	L61E 5675N	5	89	1	163	0.4	23	24	432	5.73	2	ND	ND	21	1	2	2	142	0.24	0.10	4	19	1.11	113	0.18	2.89	0.06	0.05	0.01	5	3	30	5.1	
S	L61E 5700N	5	65	1	118	0.3	21	18	344	5.71	5	ND	ND	22	1	5	2	115	0.20	0.10	4	21	0.96	81	0.14	2.81	0.06	0.03	0.01	7	2	80	5.2	
S	L61E 5725N	6	53	11	78	0.4	24	13	291	5.84	10	ND	ND	17	2	14	9	130	0.20	0.10	4	21	0.92	68	0.15	2.12	0.06	0.03	0.01	8	3	20	4.8	
S	L61E 5750N	6	81	8	61	0.3	30	20	288	5.54	8	ND	ND	20	2	10	7	139	0.26	0.11	4	25	1.02	56	0.19	1.64	0.06	0.03	0.01	11	3	10	4.9	
S	L61E 5775N	4	34	3	61	0.1	22	14	258	5.45	12	ND	ND	16	1	8	2	180	0.23	0.11	3	27	0.94	45	0.28	1.37	0.04	0.05	0.01	6	3	20	4.6	
S	L61E 5800N	3	27	6	50	0.2	25	13	235	4.84	8	ND	ND	17	1	5	2	158	0.23	0.08	3	29	0.87	55	0.26	1.18	0.04	0.05	0.01	5	3	10	4.6	
S	L61E 5825N	2	47	4	61	0.1	30	16	271	5.86	7	ND	ND	15	1	2	2	140	0.22	0.11	2	27	1.01	45	0.15	1.80	0.04	0.03	0.01	1	3	30	4.9	

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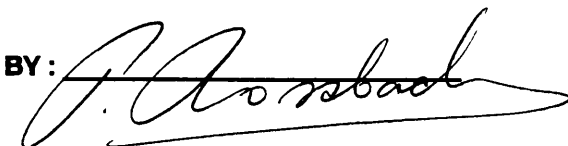
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PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AC	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HC	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L61E 5850N	2	44	1	49	0.1	30	15	238	5.50	8	ND	ND	17	1	5	2	150	0.23	0.10	2	27	0.95	40	0.15	1.28	0.04	0.01	0.01	3	3	230	4.7	
S	L61E 5875N	1	24	1	50	0.3	21	11	237	4.74	6	ND	ND	15	1	2	2	138	0.19	0.07	2	25	0.73	28	0.22	1.23	0.04	0.01	0.01	4	2	50	4.5	
S	L61E 5900N	1	28	2	50	0.1	38	16	225	5.68	7	ND	ND	17	1	7	2	179	0.26	0.11	1	30	1.06	39	0.24	1.28	0.04	0.04	0.01	5	3	5	4.5	
S	L61E 5925N	2	28	6	70	0.2	37	15	232	5.39	9	ND	ND	17	1	5	2	164	0.27	0.10	3	27	0.93	55	0.23	1.13	0.04	0.04	0.01	4	3	5	4.6	
S	L61E 5950N	2	31	5	63	0.2	39	17	273	5.60	9	ND	ND	19	1	2	2	213	0.35	0.12	4	23	1.08	89	0.31	1.26	0.05	0.08	0.01	5	4	30	4.7	
S	L61E 5975N	3	51	2	66	0.1	41	16	345	5.48	11	ND	ND	22	1	5	2	143	0.28	0.12	2	23	1.33	39	0.23	1.83	0.05	0.05	0.01	4	2	35	4.3	
S	L61E 6000N	1	31	5	52	0.1	32	14	172	5.76	7	ND	ND	11	1	5	2	145	0.18	0.08	1	27	0.83	24	0.12	1.09	0.03	0.01	0.01	3	3	5	4.6	
S	L61E 6025N	1	14	6	36	0.1	22	8	116	3.65	7	ND	ND	10	1	8	4	114	0.15	0.06	1	31	0.55	22	0.20	0.74	0.03	0.01	0.01	2	2	20	4.6	
S	L61E 6050N	2	20	4	38	0.1	26	11	156	4.60	9	ND	ND	7	1	2	3	162	0.23	0.08	1	29	0.79	31	0.23	0.76	0.03	0.04	0.01	4	3	5	4.9	
S	L61E 6075N	2	195	7	61	0.1	76	28	385	5.19	10	ND	ND	19	2	3	2	131	0.33	0.13	3	30	1.82	49	0.17	2.34	0.05	0.10	0.01	3	2	5	4.9	
S	L61E 6100N	4	28	9	78	0.3	29	15	397	5.39	5	ND	ND	18	1	2	2	149	0.43	0.10	5	23	0.77	73	0.25	1.25	0.04	0.03	0.01	2	2	5	6.0	
S	L61E 6125N	2	24	4	69	0.1	47	19	533	4.89	6	ND	ND	14	1	3	2	149	0.22	0.10	2	25	1.13	69	0.21	1.38	0.04	0.03	0.01	4	2	10	4.6	
S	L61E 6150N	2	21	3	76	0.2	39	16	377	4.34	7	ND	ND	15	1	2	4	137	0.26	0.11	2	27	1.14	75	0.25	1.32	0.05	0.06	0.01	3	2	5	4.7	
S	L61E 6175N	3	40	7	79	0.2	46	19	243	5.63	12	ND	ND	21	2	2	2	188	0.54	0.14	2	25	1.28	137	0.34	1.75	0.05	0.11	0.01	5	3	5	5.5	
S	L61E 6200N	4	511	23	90	0.1	50	44	1387	5.39	8	ND	ND	20	2	2	2	181	0.58	0.13	4	28	1.26	107	0.16	1.98	0.05	0.04	0.01	5	3	20	6.4	
S	L61E 6225N	4	43	7	69	0.1	33	13	320	5.09	6	ND	ND	25	1	2	2	128	0.33	0.10	3	22	1.10	70	0.19	1.73	0.04	0.04	0.01	2	2	30	4.8	
S	L61E 6250N	3	51	17	75	0.3	41	21	259	6.92	10	ND	ND	13	2	2	2	212	0.31	0.12	2	24	1.26	93	0.27	1.34	0.05	0.05	0.01	2	3	5	4.9	
S	L61E 6275N	5	41	8	45	0.1	18	16	332	4.03	5	ND	ND	14	1	5	2	137	0.47	0.08	2	32	0.58	66	0.16	0.93	0.04	0.03	0.01	2	2	5	6.3	
S	L61E 6300N	4	259	12	95	0.4	43	32	1357	5.20	6	ND	ND	22	2	4	2	148	0.68	0.13	5	29	1.22	106	0.14	1.65	0.06	0.05	0.01	6	3	25	6.5	
S	L61E 6325N	1	41	14	50	0.1	31	15	213	6.45	6	ND	ND	13	1	2	2	218	0.19	0.10	1	22	0.88	31	0.33	1.07	0.04	0.03	0.01	3	3	5	4.2	
S	L61E 6350N	3	164	10	73	0.2	37	26	708	3.71	2	ND	ND	44	1	8	2	92	0.81	0.12	4	24	1.20	116	0.10	1.62	0.05	0.09	0.01	5	2	20	6.3	
S	L61E 6375N	3	164	10	68	0.1	35	27	633	3.79	4	ND	ND	40	1	6	2	94	0.69	0.12	4	24	1.11	100	0.10	1.45	0.05	0.10	0.01	5	2	2	6.3	
S	L61E 6400N	1	108	6	52	0.1	30	21	378	3.21	5	ND	ND	26	2	5	2	82	0.40	0.08	2	25	0.96	57	0.11	1.08	0.04	0.12	0.01	3	2	2	4.7	
S	L62E 4350N	1	71	1	102	0.1	22	23	1981	4.22	8	ND	ND	38	1	2	2	54	0.68	0.11	5	20	0.94	151	0.06	2.32	0.05	0.02	0.01	1	1	15	6.0	
S	L62E 4375N	1	50	1	96	0.1	66	19	545	5.06	5	ND	ND	17	1	2	2	112	0.21	0.13	2	35	2.37	43	0.09	2.88	0.04	0.01	0.01	1	2	2	4.8	
S	L62E 4400N	1	33	2	119	0.3	12	9	344	4.74	2	ND	ND	29	2	2	2	83	0.40	0.08	2	17	0.65	93	0.13	1.59	0.03	0.03	0.01	1	1	2	5.1	
S	L62E 4425N	4	41	1	101	0.4	15	8	310	4.83	6	ND	ND	26	1	2	2	82	0.22	0.08	1	18	0.79	70	0.17	1.81	0.03	0.01	0.01	1	1	2	4.5	
S	L62E 4450N	4	23	7	110	0.3	13	12	417	3.70	5	ND	ND	27	1	6	2	107	0.33	0.07	3	23	0.74	82	0.13	1.47	0.03	0.03	0.01	4	2	10	5.1	
S	L62E 4475N	2	24	3	83	0.1	15	8	305	3.51	4	ND	ND	27	2	8	3	83	0.34	0.08	2	26	0.79	48	0.16	1.43	0.04	0.02	0.01	6	1	10	5.2	
S	L62E 4500N	3	42	8	136	0.5	18	13	405	4.79	9	ND	ND	31	1	2	2	76	0.25	0.08	3	21	0.83	81	0.15	2.14	0.05	0.02	0.01	4	2	30	5.0	
S	L62E 4525N	3	24	4	74	0.1	13	8	279	3.74	2	ND	ND	27	1	6	2	86	0.24	0.07	2	24	0.66	74	0.13	1.58	0.03	0.02	0.01	9	2	30	4.7	
S	L62E 4550N	2	38	4	64	0.1	15	8	332	3.30	2	ND	ND	23	2	6	2	86	0.20	0.06	4	28	0.84	82	0.06	1.69	0.04	0.04	0.01	2	1	10	4.3	
S	L62E 4575N	3	71	14	73	0.2	18	17	728	3.04	3	ND	ND	38	1	8	2	58	0.54	0.10	10	29	1.02	165	0.06	1.68	0.04	0.10	0.01	10	1	20	5.2	
S	L62E 4600N	5	70	4	83	0.1	16	10	450	4.11	6	ND	ND	27	1	2	2	77	0.22	0.08	7	24	0.89	122	0.08	2.20	0.04	0.09	0.01	6	1	5	4.4	
S	L62E 4625N	4	72	4	86	0.1	24	16	597	3.64	2	ND	ND	36	1	2	2	64	0.44	0.10	6	26	1.07	93	0.06	1.93	0.04	0.06	0.01	6	1	40	5.1	
S	L62E 4650N	10	54	14	86	0.3	14	12	805	3.55	2	ND	ND	35	1	6	2	73	0.36	0.07	4	26	0.73	115	0.02	1.47	0.05	0.05	0.01	8	1	5	4.8	
S	L62E 4675N	16	75	10	62	0.8	12	7	317	3.49	6	ND	ND	17	1	3	2	94	0.15	0.05	4	29	0.36	65	0.06	1.00	0.03	0.03	0.01	4	2	10	4.0	
S	L62E 4700N	31	90	10	87	0.6	17	13	1058	4.63	2	ND	ND	26	1	5	2	117	0.28	0.07	4	27	0.53	94	0.08	1.29	0.05	0.07	0.01	7	2	5	4.5	
S	L62E 4725N	19	109	17	92	0.5	39	20	786	3.18	2	ND	ND	34	1	9	2	62	0.93	0.12	5	31	0.77	91	0.05	1.18	0.04	0.05	0.01	9	1	10	6.3	
S	L62E 4750N	20	103	8	98	0.4	22	12	354	4.78	2	ND	ND	33	1	4	2	108	0.37	0.11	6	25	1.13	60	0.12	2.35	0.06	0.04	0.01	1	2	5	4.8	

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# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

To: TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

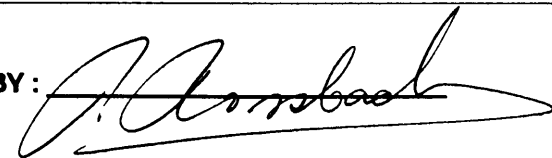
Project: 1384  
Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
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Ph:(604)299-6910 Fax:299-6252

Certificate: 91225 D  
Invoice: 20370  
Date Entered: 91-08-25  
File Name: TEK91225.D  
Page No.: 5

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	% V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPM DH
S	L62E 4775N	4	30	5	87	0.4	13	7	312	3.56	4	ND	ND	22	1	2	2	79	0.29	0.08	3	25	0.77	53	0.12	1.36	0.04	0.03	0.01	6	1	5	5.3	
S	L62E 4800N	14	196	1	118	0.1	29	20	411	4.60	3	ND	ND	31	2	7	2	86	0.33	0.11	6	23	1.06	63	0.14	1.86	0.05	0.07	0.01	3	2	5	5.4	
S	L62E 4825N	34	637	10	186	0.4	31	8	269	4.83	2	ND	ND	45	1	7	2	121	0.67	0.11	12	20	0.73	80	0.24	1.76	0.06	0.07	0.01	3	2	5	5.8	
S	L62E 4850N	9	71	4	176	0.1	16	12	304	4.88	3	ND	ND	21	1	3	2	119	0.22	0.08	3	20	0.87	87	0.12	1.66	0.06	0.06	0.01	1	2	20	4.9	
S	L62E 4875N	6	87	1	112	0.1	12	10	340	4.34	2	ND	ND	21	1	2	2	116	0.22	0.08	3	22	0.91	81	0.14	2.34	0.06	0.03	0.01	1	2	5	5.0	
S	L62E 4900N	6	60	1	84	0.1	15	8	299	4.39	2	ND	ND	20	1	2	2	85	0.19	0.08	3	22	0.86	66	0.13	2.53	0.05	0.03	0.01	1	2	5	5.1	
S	L62E 4925N	7	50	1	96	0.2	17	11	293	4.43	2	ND	ND	18	2	5	3	101	0.17	0.08	3	26	0.83	55	0.18	1.79	0.05	0.04	0.01	6	2	30	5.0	
S	L62E 4950N	16	74	12	71	0.2	21	7	147	2.35	5	ND	ND	28	2	10	9	61	0.42	0.06	6	28	0.31	66	0.08	0.93	0.04	0.02	0.01	7	1	30	5.5	
S	L62E 4975N	8	60	2	87	0.2	19	8	309	4.81	2	ND	ND	22	2	3	3	90	0.24	0.10	4	25	0.93	74	0.16	2.21	0.05	0.05	0.01	6	2	5	5.2	
S	L62E 5000N	5	98	3	78	0.1	22	12	341	3.99	2	ND	ND	23	2	2	2	71	0.26	0.10	4	26	0.98	108	0.11	3.03	0.05	0.06	0.01	1	2	20	5.4	
S	L62E 5025N	5	30	9	71	0.1	14	7	229	4.61	6	ND	ND	18	2	7	8	116	0.19	0.08	5	23	0.66	73	0.14	1.74	0.05	0.03	0.01	8	2	10	4.3	
S	L62E 5050N	34	55	2	79	0.3	16	10	319	4.94	6	ND	ND	24	2	2	4	107	0.32	0.10	5	22	0.83	76	0.18	1.61	0.05	0.05	0.01	6	2	5	4.9	
S	L62E 5075N	24	28	7	41	0.5	9	5	155	3.13	3	ND	ND	23	2	6	6	125	0.36	0.06	4	25	0.35	72	0.20	0.84	0.04	0.04	0.01	9	2	5	5.5	
S	L62E 5100N	19	44	4	71	0.2	15	10	274	4.69	4	ND	ND	26	2	6	7	108	0.46	0.10	4	22	0.75	49	0.17	1.58	0.06	0.04	0.01	11	2	5	5.3	
S	L62E 5125N	19	34	6	62	0.1	14	6	236	3.93	3	ND	ND	24	2	6	7	137	0.35	0.08	3	24	0.61	50	0.23	1.23	0.04	0.05	0.01	6	2	5	5.2	
S	L62E 5150N	8	65	1	89	0.1	18	9	301	4.97	4	ND	ND	23	2	5	2	110	0.25	0.10	4	22	0.93	104	0.12	2.07	0.05	0.04	0.01	6	2	5	4.6	
S	L62E 5175N	7	47	17	62	0.1	17	7	244	4.46	14	ND	ND	18	1	8	9	124	0.18	0.08	3	26	0.83	63	0.17	1.79	0.05	0.03	0.01	11	2	60	4.5	
S	L62E 5200N	5	42	6	72	0.2	13	5	235	5.09	5	ND	ND	17	1	2	2	125	0.18	0.08	3	23	0.72	76	0.15	2.00	0.05	0.03	0.01	7	2	5	4.7	
S	L62E 5225N	7	28	11	50	0.2	11	6	184	3.75	4	ND	ND	17	1	2	4	103	0.15	0.06	3	25	0.55	61	0.15	1.62	0.05	0.01	0.01	7	2	15	4.9	
S	L62E 5250N	8	66	5	81	0.3	20	8	300	5.12	3	ND	ND	20	1	2	2	109	0.18	0.10	4	25	0.94	91	0.16	3.20	0.06	0.02	0.02	4	2	10	5.2	
S	L62E 5275N	7	27	5	47	0.1	9	6	187	3.54	7	ND	ND	21	1	5	2	99	0.21	0.06	3	25	0.50	53	0.15	1.13	0.04	0.01	0.01	8	2	20	4.7	
S	L62E 5300N	12	42	2	71	0.2	16	8	260	5.53	3	ND	ND	19	1	2	2	161	0.20	0.11	3	23	1.06	86	0.20	1.85	0.05	0.07	0.01	14	3	5	4.4	
S	L62E 5325N	13	184	8	78	0.3	37	21	540	5.54	10	ND	ND	25	1	2	14	153	0.33	0.13	3	25	1.70	70	0.19	2.46	0.06	0.11	0.01	20	3	5	4.9	
S	L62E 5350N	10	44	16	53	0.3	15	8	209	4.68	10	ND	ND	20	1	4	6	116	0.16	0.08	4	21	0.66	48	0.17	1.53	0.05	0.01	0.01	11	2	90	4.6	
S	L62E 5375N	6	53	4	61	0.4	14	6	251	4.90	2	ND	ND	21	1	2	2	109	0.18	0.08	3	20	0.78	67	0.16	2.26	0.05	0.01	0.01	6	2	320	5.2	
S	L62E 5400N	7	87	1	79	0.3	18	14	345	5.65	5	ND	ND	22	1	2	2	102	0.19	0.10	3	19	0.93	67	0.12	2.57	0.05	0.02	0.01	7	2	350	5.1	
S	L62E 5425N	6	52	1	64	0.1	13	6	253	5.25	2	ND	ND	17	1	2	2	102	0.12	0.08	3	23	0.68	64	0.15	2.61	0.05	0.01	0.01	6	2	10	5.0	
S	L62E 5450N	10	27	6	48	0.2	8	6	161	3.81	4	ND	ND	20	1	5	2	129	0.17	0.06	3	24	0.36	87	0.22	0.98	0.03	0.01	0.01	5	2	20	4.4	
S	L62E 5475N	6	64	5	84	0.2	16	12	401	4.29	2	ND	ND	22	1	6	5	92	0.20	0.10	3	24	0.89	103	0.11	1.93	0.05	0.01	0.01	7	2	140	5.2	
S	L62E 5500N	7	82	2	70	0.2	18	12	303	5.07	2	ND	ND	22	1	2	2	104	0.18	0.10	3	23	0.97	83	0.14	2.68	0.05	0.01	0.01	4	2	20	4.9	
S	L62E 5525N	7	40	8	58	0.2	12	8	234	4.42	3	ND	ND	20	1	2	5	102	0.18	0.08	4	23	0.62	62	0.15	1.89	0.05	0.01	0.01	7	2	50	4.8	
S	L62E 5550N	5	48	5	70	0.1	13	7	269	4.67	2	ND	ND	22	1	2	2	109	0.17	0.08	4	22	0.73	76	0.16	2.43	0.04	0.03	0.01	2	2	20	5.3	
S	L62E 5575N	9	42	1	45	0.1	9	6	163	4.21	2	ND	ND	22	1	2	2	123	0.16	0.07	2	23	0.44	64	0.17	1.35	0.04	0.01	0.01	7	2	30	4.7	
S	L62E 5600N	6	57	1	61	0.1	15	9	256	5.09	2	ND	ND	21	1	2	2	120	0.20	0.10	2	22	0.84	67	0.18	1.81	0.04	0.05	0.01	4	2	30	4.9	
S	L62E 5625N	5	65	2	82	0.1	18	11	312	5.38	2	ND	ND	23	1	2	2	124	0.22	0.10	2	21	0.98	76	0.16	2.09	0.04	0.03	0.01	4	2	20	5.0	

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## CERTIFICATE OF ANALYSIS

To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

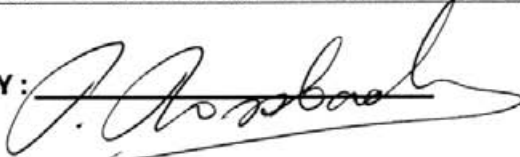
Project: 1384  
Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
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Ph:(604)299-6910 Fax:299-6252

Certificate: 91225 E  
Invoice: 20370  
Date Entered: 91-02-25  
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Page No.: 1

(PH ADDED)

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU	PPB AA	PH
S	L62E 5650N	10	41	5	68	0.1	16	9	275	4.71	3	ND	ND	28	1	8	2	169	0.31	0.05	6	29	0.76	86	0.30	1.58	0.04	0.04	0.01	1	3	5	5.2	
S	L62E 5675N	11	32	2	47	0.1	14	4	252	3.62	2	ND	ND	34	1	2	2	129	0.35	0.02	2	27	0.84	61	0.22	1.54	0.03	0.01	0.01	1	2	5	4.8	
S	L62E 5700N	9	167	5	68	0.1	23	36	2648	4.17	2	ND	ND	37	1	2	2	101	1.08	0.07	7	32	0.76	446	0.08	1.74	0.04	0.05	0.01	2	2	5	6.1	
S	L62E 5725N	13	382	6	76	0.1	28	16	1215	4.43	2	ND	ND	36	1	2	2	101	0.63	0.05	14	33	1.11	200	0.11	2.21	0.04	0.04	0.01	3	2	10	5.3	
S	L62E 5750N	6	47	3	68	0.1	42	12	294	5.00	2	ND	ND	32	1	3	2	156	0.48	0.04	4	37	1.11	93	0.26	1.83	0.05	0.04	0.01	2	3	30	5.5	
S	L62E 5775N	4	41	2	49	0.1	30	11	273	5.96	4	ND	ND	24	1	2	2	164	0.33	0.03	1	37	1.01	83	0.25	1.55	0.04	0.04	0.01	1	3	70	5.1	
S	L62E 5800N	4	30	2	47	0.1	33	17	205	6.94	3	ND	ND	22	1	8	2	208	0.36	0.03	2	37	0.84	73	0.29	1.21	0.04	0.03	0.01	3	3	5	5.5	
S	L62E 5825N	3	44	2	64	0.1	31	13	304	5.72	2	ND	ND	20	1	2	2	159	0.24	0.07	2	26	1.18	57	0.22	1.99	0.04	0.02	0.01	1	3	5	4.8	
S	L62E 5850N	2	38	3	53	0.1	35	15	269	5.00	2	ND	ND	20	1	2	2	160	0.25	0.06	1	31	1.25	60	0.21	1.63	0.03	0.04	0.01	1	3	5	4.5	
S	L62E 5875N	2	42	2	41	0.2	43	14	222	4.65	2	ND	ND	19	1	2	2	138	0.26	0.04	1	35	1.14	31	0.20	1.45	0.03	0.05	0.01	1	2	10	4.6	
S	L62E 5900N	3	30	2	50	0.1	40	17	211	5.42	7	ND	ND	23	1	2	13	169	0.31	0.06	3	50	0.97	35	0.20	1.28	0.03	0.03	0.01	11	3	110	4.8	
S	L62E 5925N	6	95	4	65	0.1	47	19	376	5.02	9	ND	ND	32	1	6	9	141	0.41	0.06	4	38	1.42	55	0.19	1.93	0.05	0.05	0.01	18	2	10	4.8	
S	L62E 5950N	9	298	6	83	0.2	59	24	1666	3.97	2	ND	ND	47	1	2	2	102	1.29	0.10	11	55	1.30	242	0.07	2.78	0.05	0.10	0.01	14	2	10	6.4	
S	L62E 5975N	9	67	2	65	0.1	19	35	812	4.61	2	ND	ND	38	1	2	2	129	0.98	0.07	13	34	0.52	168	0.14	2.16	0.04	0.07	0.01	8	2	5	5.8	
S	L62E 6000N	3	16	1	37	0.1	23	10	171	4.44	2	ND	ND	31	1	2	2	155	0.35	0.03	2	41	0.57	58	0.29	0.95	0.03	0.04	0.01	6	2	30	5.0	
S	L62E 6025N	3	30	4	46	0.2	40	15	225	5.80	11	ND	ND	23	1	7	7	180	0.33	0.09	3	38	1.01	41	0.25	1.69	0.05	0.01	0.01	9	3	20	4.8	
S	L62E 6050N	2	32	1	64	0.1	46	14	264	5.54	10	ND	ND	20	1	2	2	149	0.28	0.15	2	31	1.20	72	0.21	2.20	0.04	0.02	0.01	8	3	10	4.8	
S	L62E 6075N	3	26	4	59	0.1	58	17	266	5.12	9	ND	ND	14	1	2	2	190	0.24	0.07	2	36	1.51	39	0.31	1.88	0.05	0.04	0.01	8	3	5	4.5	
S	L62E 6100N	3	25	1	52	0.2	30	14	258	5.40	8	ND	ND	17	1	2	2	152	0.22	0.03	3	28	0.96	48	0.28	1.64	0.04	0.03	0.01	5	2	160	4.8	
S	L62E 6125N	4	23	2	28	0.1	14	9	115	3.76	2	ND	ND	27	1	3	2	156	0.42	0.02	3	30	0.31	101	0.33	0.65	0.03	0.01	0.01	5	2	15	6.0	
S	L62E 6150N	3	23	6	50	0.1	39	15	228	6.20	8	ND	ND	17	1	7	28	229	0.24	0.11	3	40	0.90	44	0.29	1.42	0.05	0.01	0.01	12	4	5	4.5	
S	L62E 6175N	2	24	5	48	0.2	38	14	219	5.77	4	ND	ND	19	1	2	2	178	0.23	0.11	2	37	1.03	31	0.27	1.71	0.04	0.01	0.01	5	3	30	4.5	
S	L62E 6200N	4	32	9	62	0.3	37	19	322	6.58	6	ND	ND	19	1	5	4	176	0.23	0.11	4	34	1.04	55	0.26	1.73	0.05	0.02	0.01	5	3	5	4.7	
S	L62E 6225N	3	32	5	54	0.2	36	15	241	5.03	4	ND	ND	23	1	6	7	143	0.27	0.05	3	34	0.99	39	0.25	2.03	0.05	0.01	0.01	10	3	90	5.0	
S	L62E 6250N	3	25	1	48	0.1	30	17	265	7.20	2	ND	ND	16	1	2	2	237	0.21	0.17	1	29	1.04	38	0.24	1.80	0.05	0.01	0.01	3	4	110	4.9	
S	L62E 6275N	2	27	1	58	0.2	32	16	264	5.89	2	ND	ND	21	1	2	2	202	0.31	0.08	2	25	1.06	46	0.34	1.75	0.05	0.02	0.01	5	3	15	4.8	
S	L62E 6300N	3	60	6	65	0.2	29	16	333	5.81	4	ND	ND	22	1	4	4	206	0.29	0.05	3	23	1.26	46	0.43	2.03	0.06	0.05	0.01	10	3	5	4.5	
S	L62E 6325N	2	93	12	23	0.1	168	13	146	1.64	3	ND	ND	12	1	4	6	41	0.18	0.03	2	50	0.46	26	0.05	0.72	0.03	0.02	0.01	6	1	20	5.0	
S	L62E 6350N	2	133	8	39	0.1	25	28	401	3.71	2	ND	ND	44	1	3	5	95	0.77	0.06	4	29	0.85	69	0.17	1.24	0.05	0.10	0.01	11	2	40	6.2	
S	L62E 6375N	1	77	1	40	0.1	20	17	341	3.71	2	ND	ND	40	1	3	2	100	0.75	0.06	3	30	0.90	62	0.16	1.23	0.05	0.06	0.01	5	2	45	5.8	
S	L63E 4300N	5	71	1	80	0.2	18	8	260	3.84	11	ND	ND	24	1	2	2	47	0.22	0.07	4	23	0.74	113	0.10	2.53	0.03	0.01	0.02	1	1	20	5.2	
S	L63E 4325N	4	43	1	157	0.1	19	16	426	4.25	6	ND	ND	33	1	2	2	91	0.39	0.04	3	24	0.90	107	0.17	1.97	0.02	0.01	0.01	1	2	25	5.6	
S	L63E 4350N	7	50	3	192	0.1	20	15	374	4.85	15	ND	ND	30	1	9	10	88	0.33	0.05	4	23	0.95	98	0.18	2.08	0.04	0.03	0.01	2	2	10	5.0	
S	L63E 4375N	8	46	3	139	0.2	27	11	442	5.68	10	ND	ND	25	1	2	5	118	0.49	0.04	5	30	1.11	46	0.07	2.67	0.04	0.01	0.01	6	2	5	5.2	
S	L63E 4400N	7	54	7	96	0.2	17	16	354	5.91	9	ND	ND	28	1	8	2	94	0.26	0.05	5	21	0.90	67	0.21	2.09	0.04	0.02	0.01	2	2	40	4.9	
S	L63E 4425N	6	62	8	122	0.2	29	13	477	5.24	11	ND	ND	36	1	2	2	88	0.41	0.04	4	27	1.30	105	0.22	2.99	0.04	0.05	0.01	3	2	5	5.4	
S	L63E 4450N	10	62	7	99	0.2	16	11	289	5.50	10	ND	ND	33	1	5	8	105	0.33	0.06	5	20	0.82	106	0.21	2.17	0.04	0.07	0.01	4	2	10	4.6	
S	L63E 4475N	5	28	3	77	0.1	11	7	311	3.42	3	ND	ND	33	1	2	2	88	0.32	0.03	4	23	0.70	134	0.14	1.61	0.02	0.05	0.01	1	2	5	5.0	
S	L63E 4500N	4	46	1	126	0.2	21	8	369	5.11	8	ND	ND	29	1	2	2	75	0.29	0.06	4	23	0.94	105	0.18	3.02	0.04	0.01	0.01	1	2	20	5.4	
S	L63E 4525N	11	26	9	105	0.5	10	9	254	4.89	10	ND	ND	26	1	2	2	98	0.19	0.08	5	20	0.57	92	0.16	2.23	0.04	0.03	0.01	1	2	50	5.2	

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# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

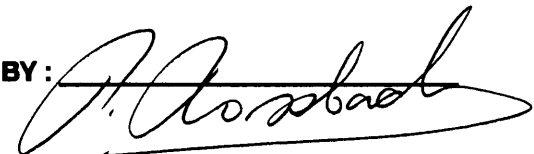
Project: 1384  
Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
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Ph:(604)299-6910 Fax:299-6252

Certificate: 91225 E  
Invoice: 20370  
Date Entered: 91-02-25  
File Name: TEK91225.E  
Page No.: 2

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AC	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU	PPB AA	DH
S	L63E 4550N	7	32	3	85	0.3	9	1	235	5.48	14	ND	ND	22	1	2	2	106	0.15	0.20	8	20	0.46	91	0.16	3.93	0.05	0.01	0.03	1	3	5	4.9	
S	L63E 4575N	7	34	6	122	0.4	11	11	308	4.54	9	ND	ND	26	1	2	2	71	0.27	0.17	7	21	0.57	86	0.12	2.34	0.04	0.02	0.01	1	2	5	5.0	
S	L63E 4600N	4	69	5	76	0.1	19	20	707	3.35	8	ND	ND	46	1	6	9	68	0.55	0.06	13	28	1.01	151	0.10	1.71	0.05	0.10	0.01	3	2	5	5.9	
S	L63E 4625N	7	84	10	120	0.1	23	18	909	3.54	9	ND	ND	40	1	5	7	75	0.44	0.09	9	28	1.03	220	0.07	1.96	0.04	0.11	0.01	2	2	5	5.2	
S	L63E 4650N	5	63	6	90	0.1	21	19	782	3.72	9	ND	ND	37	1	2	5	81	0.44	0.10	9	31	1.08	154	0.07	2.13	0.05	0.07	0.01	1	2	30	5.2	
S	L63E 4675N	15	86	5	90	0.2	19	10	313	5.00	7	ND	ND	29	1	4	2	123	0.28	0.17	5	30	0.84	102	0.11	1.89	0.04	0.06	0.01	1	2	15	4.5	
S	L63E 4700N	26	89	4	84	0.5	21	13	292	5.43	10	ND	ND	28	1	5	8	174	0.26	0.09	5	29	0.95	81	0.22	1.97	0.05	0.04	0.01	8	3	10	4.6	
S	L63E 4725N	17	60	3	73	0.3	17	10	279	4.19	5	ND	ND	30	1	2	2	122	0.30	0.08	3	29	0.99	73	0.20	2.04	0.04	0.04	0.01	1	2	5	4.8	
S	L63E 4750N	17	52	5	74	0.2	19	12	277	3.42	9	ND	ND	37	1	8	8	120	0.34	0.06	4	29	0.79	83	0.14	1.32	0.04	0.04	0.01	3	2	5	4.7	
S	L63E 4775N	19	110	8	97	0.4	28	11	296	4.06	2	ND	ND	30	1	4	2	108	0.52	0.04	3	30	0.46	88	0.15	1.13	0.03	0.05	0.01	8	2	5	5.6	
S	L63E 4800N	17	50	10	89	0.2	17	13	293	4.54	8	ND	ND	30	1	9	6	123	0.32	0.11	5	29	0.80	96	0.14	1.79	0.05	0.03	0.01	11	2	5	4.6	
S	L63E 4825N	23	93	9	121	0.2	32	20	429	4.58	8	ND	ND	35	1	11	7	104	0.40	0.05	6	32	1.24	70	0.16	2.13	0.05	0.07	0.01	15	2	20	5.2	
S	L63E 4850N	6	69	10	146	0.3	31	15	370	4.25	18	ND	ND	32	1	2	5	78	0.35	0.06	6	27	1.12	95	0.14	2.96	0.06	0.02	0.01	9	2	15	5.0	
S	L63E 4875N	9	58	8	126	0.5	21	16	320	4.79	8	ND	ND	29	1	7	6	95	0.32	0.13	5	26	0.91	112	0.12	2.52	0.06	0.02	0.01	8	2	10	5.2	
S	L63E 4900N	8	32	2	66	0.1	8	7	186	4.12	8	ND	ND	29	1	2	2	125	0.27	0.06	5	23	0.47	97	0.18	1.70	0.04	0.01	0.01	2	2	5	4.9	
S	L63E 4925N	34	51	5	68	0.2	10	6	222	3.68	3	ND	ND	30	1	2	2	181	0.30	0.02	3	24	0.64	68	0.31	1.49	0.05	0.05	0.01	2	3	5	4.7	
S	L63E 4950N	16	123	1	107	0.1	33	21	559	3.23	5	ND	ND	39	1	2	2	73	0.52	0.05	7	27	0.97	73	0.10	1.42	0.05	0.07	0.01	5	1	5	5.9	
S	L63E 4975N	30	109	1	93	0.1	22	18	364	6.37	4	ND	ND	29	1	2	2	144	0.32	0.02	6	26	1.04	84	0.21	2.19	0.06	0.05	0.01	6	3	5	5.4	
S	L63E 5000N	8	47	2	71	0.2	17	9	257	3.66	7	ND	ND	27	1	2	2	73	0.27	0.03	4	28	0.83	73	0.13	1.93	0.04	0.02	0.01	3	1	5	4.5	
S	L63E 5025N	14	75	1	72	0.6	20	13	261	4.12	5	ND	ND	34	1	2	2	88	0.59	0.04	5	25	0.93	99	0.13	2.58	0.05	0.05	0.01	1	2	5	4.7	
S	L63E 5050N	26	306	3	120	0.2	34	31	896	4.83	7	ND	ND	43	1	2	2	99	0.59	0.04	20	29	1.19	219	0.15	2.75	0.06	0.11	0.01	5	2	5	6.0	
S	L63E 5075N	8	42	1	96	0.2	18	12	315	4.63	7	ND	ND	29	1	2	2	119	0.27	0.05	4	27	0.89	99	0.22	2.06	0.05	0.06	0.01	1	2	20	4.3	
S	L63E 5100N	9	39	1	103	0.2	19	10	274	4.83	8	ND	ND	27	1	3	2	98	0.29	0.04	4	26	0.86	89	0.18	2.23	0.05	0.04	0.01	2	2	5	4.8	
S	L63E 5125N	29	59	5	84	0.1	20	13	339	3.84	4	ND	ND	37	1	2	2	104	0.47	0.03	5	27	1.04	84	0.17	1.86	0.04	0.05	0.01	6	2	5	4.9	
S	L63E 5150N	19	38	4	68	0.1	13	10	282	4.54	3	ND	ND	32	1	2	2	122	0.37	0.03	4	26	0.75	122	0.22	1.57	0.04	0.02	0.01	4	2	20	4.5	
S	L63E 5175N	49	142	7	92	0.8	23	47	1430	4.26	5	ND	ND	45	1	8	2	87	1.16	0.09	15	27	0.64	175	0.07	2.00	0.05	0.02	0.01	7	2	5	6.4	
S	L63E 5200N	17	57	2	67	0.1	19	14	303	4.62	7	ND	ND	32	1	2	2	128	0.36	0.03	4	27	0.89	86	0.23	1.67	0.05	0.02	0.01	4	2	5	6.4	
S	L63E 5225N	28	105	1	82	0.2	37	31	825	5.20	4	ND	ND	41	1	2	2	131	0.76	0.09	9	39	1.63	136	0.12	2.05	0.06	0.11	0.01	13	3	40	6.3	
S	L63E 5250N	75	57	8	66	0.1	28	16	339	5.81	7	ND	ND	30	1	8	6	192	0.34	0.08	6	37	1.20	113	0.23	1.62	0.05	0.10	0.01	77	3	10	4.5	
S	L63E 5275N	76	118	21	68	0.2	39	26	420	7.05	9	ND	ND	31	1	8	3	169	0.44	0.10	11	46	1.25	256	0.15	1.44	0.05	0.10	0.01	99	3	10	4.7	
S	L63E 5300N	16	37	2	58	0.1	10	12	230	3.94	5	ND	ND	27	1	9	2	149	0.27	0.05	3	24	0.65	96	0.25	1.19	0.03	0.03	0.01	9	2	5	4.7	
S	L63E 5325N	10	241	3	79	0.1	67	27	646	5.47	11	ND	ND	36	1	3	2	145	0.45	0.10	5	45	2.06	93	0.20	2.67	0.05	0.14	0.01	14	3	20	4.8	
S	L63E 5350N	11	78	2	74	0.2	21	20	321	5.43	9	ND	ND	29	1	2	2	119	0.27	0.09	4	29	1.01	78	0.17	2.16	0.05	0.02	0.01	8	2	5	4.9	
S	L63E 5375N	9	54	2	86	0.2	17	13	280	6.07	13	ND	ND	24	1	2	2	152	0.25	0.17	4	26	0.84	76	0.19	2.29	0.05	0.02	0.01	7	3	110	4.8	
S	L63E 5400N	11	68	2	69	0.1	25	15	316	5.11	11	ND	ND	29	1	5	2	124	0.40	0.05	4	29	1.07	105	0.20	1.91	0.05	0.03	0.01	6	2	30	4.9	
S	L63E 5425N	14	63	5	74	0.5	18	19	337	4.04	2	ND	ND	57	1	7	2	102	1.12	0.06	7	27	0.82	226	0.14	2.04	0.05	0.04	0.01	15	2	25	6.2	
S	L63E 5450N	14	271	5	91	0.9	24	32	1016	4.94	7	ND	ND	48	1	2	2	100	0.89	0.08	18	30	1.03	174	0.09	2.03	0.06	0.07	0.01	10	2	20	6.4	
S	L63E 5475N	6	50	5	90	0.1	16	14	301	4.20	6	ND	ND	28	1	5	2	117	0.40	0.06	4	27	0.76	118	0.17	1.37	0.04	0.07	0.01	9	2	30	5.1	
S	L63E 5500N	8	51	10	78	0.4	21	16	766	3.65	2	ND	ND	38	1	4	2	86	0.56	0.06	5	33	0.99	121	0.09	1.66	0.04	0.02	0.01	5	2	20	6.0	
	L63E 5525N MISSING																																	

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# ROSSBACHER LABORATORY LTD.

## CERTIFICATE OF ANALYSIS

2225 Springer Ave., Burnaby,  
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To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

Project: 1384  
Type of Analysis: ICP

Certificate: 91225 E  
Invoice: 20370  
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File Name: TEK91225.E  
Page No.: 3

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MC	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPM AA	PPB DH
S	L63E 5550N	10	69	1	70	0.5	13	8	272	5.28	2	ND	ND	26	1	2	2	215	0.26	0.03	2	25	0.90	79	0.37	1.73	0.04	0.04	0.01	4	3	60	4.3	
S	L63E 5575N	5	76	1	68	0.3	19	11	378	3.31	2	ND	ND	41	1	2	2	82	0.65	0.03	4	31	1.10	148	0.13	1.83	0.03	0.05	0.01	1	1	20	5.9	
S	L63E 5600N	6	175	2	67	0.4	17	12	416	4.00	2	ND	ND	43	1	2	2	88	0.83	0.05	8	30	0.98	163	0.12	1.93	0.04	0.05	0.01	6	2	25	6.3	
S	L63E 5625N	7	366	1	69	0.6	28	22	991	3.97	2	ND	ND	46	1	2	2	88	1.10	0.14	11	36	0.94	225	0.05	2.37	0.03	0.04	0.01	6	2	20	6.4	
S	L63E 5650N	5	423	1	66	0.4	24	26	385	3.67	2	ND	ND	41	1	2	2	110	0.66	0.06	7	31	1.39	129	0.18	2.26	0.03	0.07	0.01	1	2	15	5.9	
S	L63E 5675N	4	64	1	62	0.2	24	11	323	4.81	2	ND	ND	31	1	2	2	128	0.33	0.03	2	35	1.30	95	0.24	2.27	0.03	0.05	0.01	1	2	20	5.0	
S	L63E 5700N	5	55	1	59	0.2	28	13	291	4.78	2	ND	ND	34	1	2	2	128	0.43	0.04	3	37	1.27	89	0.20	2.12	0.03	0.03	0.01	1	2	30	5.6	
S	L63E 5725N	5	55	1	80	0.3	32	15	300	5.21	5	ND	ND	30	1	2	2	154	0.46	0.05	4	36	1.22	104	0.24	1.92	0.04	0.04	0.01	4	3	10	5.7	
S	L63E 5750N	4	28	10	37	0.2	16	10	229	3.79	3	ND	ND	26	1	4	2	129	0.38	0.04	3	34	0.65	80	0.22	1.09	0.03	0.03	0.01	1	2	15	5.8	
S	L63E 5775N	4	32	6	45	0.1	31	15	234	4.36	3	ND	ND	22	1	2	2	155	0.34	0.05	3	38	1.06	87	0.28	1.39	0.04	0.09	0.01	1	3	5	4.8	
S	L63E 5800N	4	59	1	51	0.2	35	16	325	5.48	3	ND	ND	24	1	6	2	138	0.28	0.09	3	36	1.35	66	0.19	2.08	0.05	0.04	0.01	3	2	20	4.8	
S	L63E 5825N	3	36	1	59	0.1	107	14	298	5.24	4	ND	ND	25	1	2	2	178	0.41	0.13	1	47	2.12	72	0.23	2.48	0.05	0.12	0.01	1	3	10	5.0	
S	L63E 5850N	4	46	1	53	0.1	58	14	288	4.93	5	ND	ND	24	1	4	2	134	0.32	0.07	2	38	1.49	60	0.19	2.04	0.04	0.04	0.01	2	2	10	4.6	
S	L63E 5875N	3	33	8	50	0.2	24	11	248	3.67	5	ND	ND	24	1	2	2	103	0.26	0.12	3	29	0.91	51	0.18	1.54	0.04	0.03	0.01	1	2	5	4.5	
S	L63E 5900N	4	38	4	42	0.1	29	13	247	4.60	5	ND	ND	29	1	3	2	152	0.35	0.04	2	33	1.15	63	0.23	1.55	0.04	0.02	0.01	1	2	10	4.7	
S	L63E 5925N	2	52	1	47	0.4	51	20	239	6.14	7	ND	ND	20	1	2	2	166	0.25	0.08	1	41	1.31	32	0.20	2.07	0.04	0.04	0.01	1	3	5	4.8	
S	L63E 5950N	1	29	1	56	0.2	52	14	252	5.22	2	ND	ND	19	1	2	2	165	0.26	0.17	1	37	1.51	44	0.24	2.10	0.04	0.04	0.01	1	3	10	4.6	
S	L63E 5975N	2	27	4	43	0.2	34	12	200	5.05	3	ND	ND	20	1	2	2	158	0.25	0.09	1	36	0.99	31	0.23	1.60	0.03	0.04	0.01	1	3	5	4.8	
S	L63E 6000N	4	48	7	47	0.3	31	17	436	5.04	7	ND	ND	23	1	2	9	154	0.27	0.10	3	39	1.04	48	0.22	1.53	0.05	0.02	0.01	5	3	760	4.6	
S	L63E 6025N	2	56	1	41	0.2	43	17	254	5.14	7	ND	ND	22	1	2	2	147	0.26	0.09	1	43	1.29	42	0.22	2.05	0.05	0.02	0.01	1	3	10	5.0	
S	L63E 6050N	2	29	2	50	0.2	41	16	233	5.14	2	ND	ND	19	1	2	2	150	0.24	0.10	2	38	1.22	39	0.23	1.88	0.05	0.04	0.01	1	3	10	4.8	
S	L63E 6075N	2	60	2	59	0.3	40	19	265	6.03	3	ND	ND	23	1	2	2	172	0.33	0.14	3	36	1.21	61	0.19	2.24	0.07	0.04	0.01	1	3	5	5.0	
S	L63E 6100N	2	26	3	50	0.2	36	17	274	4.73	3	ND	ND	23	1	2	2	172	0.30	0.06	4	35	1.04	61	0.31	1.63	0.06	0.04	0.01	1	3	30	5.1	
S	L63E 6125N	2	30	2	50	0.1	45	17	254	4.85	4	ND	ND	25	1	2	2	190	0.27	0.09	4	31	1.29	58	0.38	1.90	0.06	0.05	0.01	1	3	5	4.6	
S	L63E 6150N	1	38	5	56	0.2	32	19	244	6.87	3	ND	ND	27	1	4	2	158	0.34	0.11	4	35	1.01	38	0.23	1.95	0.06	0.01	0.01	1	3	5	4.6	
S	L63E 6175N	3	55	3	67	0.1	44	20	303	6.84	2	ND	ND	28	1	2	2	226	0.32	0.08	4	27	1.52	96	0.41	2.39	0.07	0.02	0.01	1	4	170	5.0	
S	L63E 6200N	2	39	2	70	0.1	55	22	351	4.93	3	ND	ND	29	1	2	2	153	0.56	0.08	4	32	1.85	113	0.31	2.11	0.06	0.06	0.01	2	3	5	5.5	
S	L63E 6225N	4	52	1	67	0.2	34	16	346	5.68	3	ND	ND	34	1	2	2	163	0.39	0.05	5	29	1.36	86	0.31	2.34	0.06	0.04	0.01	1	3	5	4.9	
S	L63E 6250N	4	79	4	70	0.4	31	14	369	4.32	7	ND	ND	30	1	2	2	107	0.35	0.07	3	34	1.32	73	0.18	2.61	0.05	0.05	0.01	2	2	10	5.0	
S	L63E 6275N	4	198	11	91	0.8	46	9	527	4.88	8	ND	ND	43	1	2	2	137	0.48	0.08	5	34	1.90	192	0.21	3.99	0.06	0.16	0.01	3	3	15	4.8	
S	L63E 6300N	4	110	4	58	0.4	30	16	430	3.49	5	ND	ND	39	1	2	2	97	0.41	0.05	4	31	1.34	110	0.18	2.46	0.05	0.06	0.01	4	2	20	5.2	
S	L63E 6325N	2	180	6	65	0.2	40	28	697	4.31	4	ND	ND	57	1	6	2	123	0.97	0.10	5	34	1.75	136	0.21	2.08	0.06	0.19	0.01	6	2	25	7.3	
S	L63E 6350N	4	159	4	57	0.2	34	27	527	4.50	5	ND	ND	51	1	4	2	120	0.72	0.10	4	32	1.30	92	0.16	1.63	0.05	0.15	0.01	3	2	1140	6.6	
S	L64E 4300N	6	51	11	98	0.6	13	8	270	4.57	15	ND	ND	25	1	2	2	88	0.20	0.10	7	22	0.71	80	0.16	3.33	0.05	0.02	0.03	2	2	5	4.9	
S	L64E 4325N	4	36	8	63	0.3	13	10	219	4.57	10	ND	ND	32	1	2	2	109	0.22	0.10	6	22	0.68	84	0.18	2.47	0.05	0.04	0.01	4	2	5	4.5	
S	L64E 4350N	6	41	12	94	0.3	10	10	263	4.21	9	ND	ND	27	1	6	2	106	0.24	0.05	5	22	0.71	80	0.23	1.79	0.04	0.04	0.01	3	2	5	4.9	
S	L64E 4375N	4	38	8	83	0.2	16	16	254	3.65	7	ND	ND	31	1	2	2	66	0.56	0.05	8	25	0.69	61	0.13	2.50	0.05	0.01	0.03	5	1	5	6.5	
S	L64E 4400N	4	42	8	111	0.5	14	13	294	4.28	14	ND	ND	31	1	4	2	75	0.22	0.11	4	22	0.80	106	0.14	2.12	0.04	0.02	0.01	4	1	5	4.8	
S	L64E 4425N	5	31	6	87	0.3	19	13	317	4.59	7	ND	ND	30	1	2	2	116	0.27	0.07	4	26	0.96	77	0.23	2.05	0.05	0.01	0.01	4	2	10	4.7	
S	L64E 4450N	4	40	6	158	0.2	26	11	437	5.16	12	ND	ND	25	1	2	2	92	0.24	0.12	3	28	1.21	69	0.17	3.28	0.05	0.01	0.01	3	2	10	5.0	

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## CERTIFICATE OF ANALYSIS

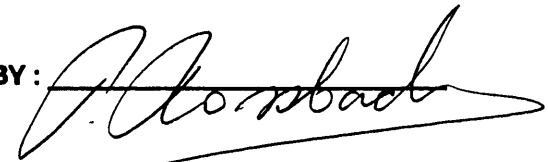
To: TECK EXPLORATIONS LTD.  
 # 960-175 SECOND AVE.  
 KAMLOOPS, B.C.  
 Project: 1384  
 Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
 British Columbia, Can. V5B 3N1  
 Ph:(604)299-6910 Fax:299-6252

Certificate: 91225 E  
 Invoice: 20370  
 Date Entered: 91-02-25  
 File Name: TEK91225.E  
 Page No.: 4

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AC	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPB AU	PPB AA	DH
S	L64E 4475N	4	44	2	91	0.3	22	12	414	4.80	7	ND	ND	29	1	2	2	92	0.24	0.10	3	26	1.11	73	0.22	2.92	0.05	0.01	0.02	6	2	5	5.0	
S	L64E 4500N	4	77	1	133	0.4	20	8	389	4.87	11	ND	ND	24	1	2	2	81	0.22	0.10	2	23	1.06	69	0.19	4.07	0.05	0.01	0.03	4	2	20	4.9	
S	L64E 4525N	4	36	6	111	0.1	16	11	292	5.66	9	ND	ND	24	1	2	2	106	0.21	0.21	4	21	0.90	74	0.22	2.68	0.05	0.01	0.01	4	2	10	5.0	
S	L64E 4550N	4	46	2	100	0.3	21	15	455	4.93	7	ND	ND	30	1	2	2	82	0.27	0.18	3	25	1.06	93	0.16	2.87	0.05	0.01	0.02	1	2	5	5.2	
S	L64E 4575N	4	33	8	70	0.1	15	10	288	4.97	9	ND	ND	28	1	2	2	137	0.29	0.13	3	22	0.87	52	0.22	1.76	0.05	0.01	0.01	5	2	5	4.7	
S	L64E 4600N	5	64	6	100	0.1	20	11	408	5.83	12	ND	ND	35	1	7	2	84	0.42	0.05	4	23	1.12	93	0.19	2.68	0.06	0.01	0.01	1	2	5	5.3	
S	L64E 4625N	4	76	9	101	0.1	21	21	897	3.64	4	ND	ND	53	1	3	2	75	0.67	0.05	9	26	1.25	191	0.11	2.40	0.06	0.10	0.01	6	2	10	6.3	
S	L64E 4650N	2	73	8	70	0.3	18	18	716	3.19	2	ND	ND	42	1	7	3	67	0.54	0.08	10	30	1.06	140	0.07	1.80	0.05	0.07	0.01	5	1	20	6.3	
S	L64E 4675N	4	80	5	99	0.3	20	18	605	3.97	2	ND	ND	43	1	6	2	73	0.54	0.10	9	28	1.20	158	0.08	2.23	0.04	0.06	0.01	7	2	10	5.6	
S	L64E 4700N	4	90	2	86	0.2	21	23	913	3.66	4	ND	ND	42	1	4	2	75	0.37	0.07	8	29	1.19	145	0.08	2.26	0.04	0.04	0.01	5	2	15	5.6	
S	L64E 4725N	11	69	3	102	0.2	18	25	1487	4.20	2	ND	ND	41	1	3	2	94	0.32	0.06	8	29	1.12	174	0.11	2.43	0.05	0.08	0.01	7	2	15	4.7	
S	L64E 4750N	13	73	3	91	0.3	16	20	1109	3.82	2	ND	ND	41	1	2	2	91	0.58	0.09	5	28	1.17	135	0.12	2.27	0.06	0.03	0.01	7	2	10	5.8	
S	L64E 4775N	22	273	7	104	0.6	45	26	1036	4.34	2	ND	ND	48	1	4	2	95	0.73	0.10	7	34	1.12	111	0.09	1.74	0.05	0.06	0.01	16	2	20	6.2	
S	L64E 4800N	22	127	8	108	0.3	39	27	794	4.24	2	ND	ND	49	1	3	2	95	0.67	0.08	7	32	1.43	119	0.12	2.24	0.05	0.05	0.01	14	2	10	6.4	
S	L64E 4825N	22	129	8	154	0.4	39	24	493	5.00	2	ND	ND	47	1	4	2	110	0.58	0.07	7	31	1.36	85	0.16	2.17	0.06	0.06	0.01	8	2	20	5.9	
S	L64E 4850N	15	41	11	65	0.4	13	9	231	4.00	2	ND	ND	33	1	3	2	104	0.32	0.09	3	27	0.68	80	0.16	1.33	0.04	0.02	0.01	10	2	5	4.8	
S	L64E 4875N	8	40	5	74	0.2	13	12	222	3.75	3	ND	ND	35	1	2	2	67	0.37	0.09	6	22	0.59	75	0.13	1.65	0.04	0.03	0.01	4	1	20	5.3	
S	L64E 4900N	8	28	9	105	0.4	11	11	197	4.34	9	ND	ND	27	1	2	6	119	0.22	0.10	4	21	0.55	91	0.23	1.41	0.04	0.03	0.01	2	2	5	4.8	
S	L64E 4925N	4	62	3	123	0.2	23	10	323	4.95	9	ND	ND	26	1	2	2	73	0.22	0.15	4	25	0.93	82	0.15	3.57	0.05	0.01	0.03	6	2	10	5.3	
S	L64E 4950N	4	60	5	91	0.3	19	13	337	4.32	7	ND	ND	32	1	2	2	80	0.27	0.06	4	25	1.02	99	0.15	2.60	0.05	0.02	0.01	4	2	25	5.4	
S	L64E 4975N	9	112	5	148	0.2	45	17	368	4.05	6	ND	ND	37	1	2	2	69	0.37	0.08	6	26	1.04	128	0.12	2.88	0.05	0.04	0.01	6	1	25	5.6	
S	L64E 5000N	5	45	6	90	0.2	21	13	297	4.48	3	ND	ND	30	1	2	2	93	0.33	0.05	3	29	0.98	64	0.17	2.24	0.05	0.01	0.01	1	2	20	5.4	
S	L64E 5025N	13	129	9	105	0.3	27	12	333	3.85	4	ND	ND	40	1	2	2	84	0.49	0.03	8	29	1.04	73	0.13	1.73	0.05	0.05	0.01	7	2	40	5.9	
S	L64E 5050N	16	198	5	103	0.4	31	18	523	3.18	4	ND	ND	49	1	2	2	69	0.67	0.13	17	27	1.04	156	0.06	2.07	0.05	0.11	0.01	3	2	10	5.7	
S	L64E 5075N	11	44	7	64	0.3	19	12	294	3.29	4	ND	ND	35	1	2	2	93	0.40	0.03	4	29	1.05	79	0.16	1.66	0.05	0.04	0.01	6	2	20	4.9	
S	L64E 5100N	9	31	11	49	0.2	13	9	214	3.38	5	ND	ND	29	1	3	2	103	0.30	0.03	5	28	0.63	69	0.18	1.48	0.04	0.05	0.01	1	2	15	4.8	
S	L64E 5125N	10	45	3	53	0.2	18	12	273	4.50	3	ND	ND	28	1	2	2	122	0.26	0.04	3	28	0.93	74	0.20	1.61	0.05	0.02	0.01	3	2	20	4.3	
S	L64E 5150N	7	43	8	57	0.2	17	12	297	4.09	6	ND	ND	27	1	5	2	98	0.26	0.03	3	28	0.88	58	0.16	1.93	0.04	0.03	0.01	6	2	30	4.9	
S	L64E 5175N	13	74	3	73	0.3	22	15	318	4.54	6	ND	ND	31	1	2	2	87	0.27	0.06	5	28	1.02	96	0.14	2.79	0.05	0.02	0.02	9	2	140	4.8	
S	L64E 5200N	13	62	10	66	0.2	19	16	342	3.84	2	ND	ND	35	1	2	2	100	0.49	0.03	5	28	1.17	72	0.17	1.67	0.04	0.06	0.01	3	2	20	6.3	
S	L64E 5225N	78	82	13	96	1.8	34	16	542	7.19	7	ND	ND	33	1	10	2	216	0.33	0.14	5	35	1.51	92	0.23	2.19	0.05	0.03	0.01	44	4	50	4.6	
S	L64E 5250N	47	86	10	55	0.2	34	17	327	5.38	5	ND	ND	32	1	8	2	137	0.38	0.11	8	42	1.28	95	0.14	1.43	0.05	0.07	0.01	39	2	25	4.5	
S	L64E 5275N	86	131	11	59	0.2	38	24	410	6.03	5	ND	ND	40	1	8	2	133	0.50	0.12	8	42	1.48	124	0.14	1.61	0.05	0.08	0.01	61	2	25	5.4	
S	L64E 5300N	20	68	3	64	0.1	19	16	332	6.05	5	ND	ND	30	1	2	2	184	0.26	0.05	4	26	1.15	77	0.27	2.00	0.05	0.04	0.01	11	3	25	4.5	
S	L64E 5325N	12	57	5	71	0.3	18	12	263	5.91	6	ND	ND	28	1	4	2	149	0.24	0.16	5	26	0.89	92	0.18	2.66	0.05	0.02	0.02	8	3	50	5.4	
S	L64E 5350N	16	62	4	68	0.1	29	18	311	6.03	8	ND	ND	29	1	9	2	190	0.24	0.05	4	36	1.11	63	0.32	1.80	0.05	0.03	0.01	11	3	20	4.5	
S	L64E 5375N	8	100	7	59	0.1	30	20	320	4.46	3	ND	ND	28	1	6	2	109	0.24	0.07	3	32	1.23	76	0.15	2.49	0.04	0.04	0.01	6	2	20	4.7	
S	L64E 5400N	7	75	2	59	0.1	28	17	339	5.25	3	ND	ND	30	1	4	2	123	0.26	0.04	3	32	1.31	67	0.22	2.17	0.04	0.07	0.01	2	2	20	4.5	
S	L64E 5425N	6	52	6	77	0.1	28	18	310	4.93	7	ND	ND	30	1	5	2	132	0.33	0.10	3	32	1.22	71	0.19	1.92	0.04	0.03	0.01	2	2	30	4.9	
S	L64E 5450N	8	47	2	94	0.1	30	16	324	4.43	9	ND	ND	37	1	2	2	174	0.43	0.05	4	34	1.22	81	0.28	1.82	0.06	0.07	0.01	5	3	20	4.4	

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## CERTIFICATE OF ANALYSIS

To : TECK EXPLORATIONS LTD.  
# 960-175 SECOND AVE.  
KAMLOOPS, B.C.

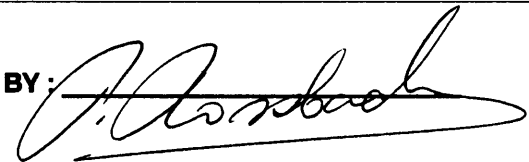
Project: 1384  
Type of Analysis: ICP

2225 Springer Ave., Burnaby,  
British Columbia, Can. V5B 3N1  
Ph:(604)299-6910 Fax:299-6252

Certificate: 91225 E  
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File Name: TEK91225.E  
Page No.: 5

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM AU	PPM HG	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	% AL	% NA	% K	% SI	PPM W	PPM BE	PPM AU	PPB AA	PPB DH
S	L64E 5475N	9	64	4	85	0.1	29	20	364	5.77	9	ND	ND	30	1	2	2	136	0.32	0.05	4	30	1.20	68	0.25	2.14	0.05	0.03	0.01	1	2	60	4.6	
S	L64E 5500N	11	121	4	91	0.4	31	33	858	3.88	2	ND	ND	54	1	3	2	94	1.08	0.13	11	34	1.20	166	0.07	2.13	0.06	0.08	0.01	5	2	30	6.1	
S	L64E 5525N	6	79	2	93	0.2	41	24	382	4.77	7	ND	ND	31	1	3	2	114	0.37	0.08	5	43	1.51	100	0.17	2.62	0.06	0.06	0.01	4	2	5	5.0	
S	L64E 5550N	5	79	5	67	0.3	43	21	555	3.20	2	ND	ND	38	2	2	2	73	0.91	0.08	5	40	1.18	118	0.07	1.31	0.04	0.05	0.01	1	2	5	6.5	
S	L64E 5575N	7	54	2	85	0.1	27	18	337	5.11	8	ND	ND	33	1	6	2	135	0.40	0.16	5	32	1.22	93	0.17	2.36	0.05	0.04	0.01	2	3	30	4.9	
S	L64E 5600N	7	77	4	80	0.3	30	21	384	4.85	8	ND	ND	37	1	10	2	110	0.59	0.06	7	33	1.26	117	0.15	2.44	0.05	0.03	0.01	3	2	25	5.9	
S	L64E 5625N	5	53	7	72	0.1	32	17	344	4.96	2	ND	ND	27	1	7	2	144	0.28	0.04	2	37	1.36	86	0.24	1.98	0.04	0.03	0.01	5	2	20	4.6	
S	L64E 5675N	10	73	6	69	0.3	25	9	323	6.95	4	ND	ND	27	1	2	2	186	0.25	0.03	4	30	1.11	107	0.33	3.00	0.05	0.02	0.01	7	3	30	4.9	
S	L64E 5700N	4	55	4	63	0.1	31	16	309	4.70	5	ND	ND	24	1	2	2	110	0.23	0.12	3	40	1.16	76	0.17	2.82	0.05	0.01	0.02	3	2	10	5.3	
S	L64E 5725N	5	55	5	82	0.5	28	14	331	5.84	7	ND	ND	28	1	4	2	161	0.29	0.08	3	33	1.28	82	0.25	2.47	0.05	0.03	0.01	7	3	30	4.8	
S	L64E 5750N	5	73	6	75	0.4	41	18	398	4.81	4	ND	ND	32	1	2	2	111	0.31	0.09	3	40	1.48	104	0.19	3.32	0.06	0.02	0.02	6	2	25	5.1	
S	L64E 5775N	4	43	10	68	0.1	32	17	287	5.65	9	ND	ND	21	1	2	2	137	0.22	0.19	2	36	1.23	51	0.16	2.14	0.05	0.01	0.01	5	2	60	4.6	
S	L64E 5800N	4	45	7	68	0.3	42	18	366	5.65	5	ND	ND	25	1	2	2	148	0.26	0.12	4	35	1.32	73	0.23	2.33	0.05	0.03	0.01	6	3	10	5.0	
S	L64E 5825N	3	32	3	69	0.2	30	21	374	5.10	4	ND	ND	23	1	2	2	130	0.28	0.18	3	37	1.12	66	0.17	1.83	0.05	0.01	0.01	2	2	10	4.7	
S	L64E 5850N	5	82	1	60	0.2	41	19	370	5.26	2	ND	ND	40	1	2	2	140	0.54	0.05	2	36	1.47	119	0.22	2.15	0.05	0.07	0.01	2	2	40	5.4	
S	L64E 5875N	5	80	1	59	0.3	36	14	271	4.08	2	ND	ND	39	1	2	2	124	0.69	0.04	3	36	1.13	108	0.22	1.78	0.03	0.04	0.01	1	2	20	6.3	
S	L64E 5900N	5	42	1	59	0.2	37	18	280	4.95	3	ND	ND	28	1	4	2	153	0.37	0.05	3	38	1.26	91	0.24	1.92	0.05	0.02	0.01	6	3	25	5.6	
S	L64E 5925N	4	51	1	66	0.3	40	21	306	5.93	4	ND	ND	23	1	8	2	158	0.24	0.18	3	40	1.29	68	0.22	2.30	0.05	0.02	0.01	4	3	30	4.9	
S	L64E 5950N	4	40	1	61	0.2	37	21	272	6.19	2	ND	ND	24	1	5	2	210	0.26	0.14	2	38	1.23	62	0.30	1.84	0.05	0.03	0.01	4	3	760	4.7	
S	L64E 5975N	3	74	1	60	0.2	52	20	286	5.07	3	ND	ND	25	1	10	2	171	0.31	0.07	2	43	1.38	50	0.26	1.73	0.05	0.02	0.01	3	3	30	4.9	
S	L64E 6000N	3	53	2	66	0.2	46	19	349	4.51	3	ND	ND	30	1	5	2	129	0.52	0.07	3	41	1.56	77	0.20	1.94	0.05	0.03	0.01	5	2	20	5.8	
S	L64E 6025N	2	40	1	53	0.3	48	23	244	5.63	6	ND	ND	21	1	2	2	160	0.25	0.12	2	46	1.21	32	0.21	2.09	0.06	0.01	0.01	2	3	40	5.2	
S	L64E 6050N	4	49	1	53	0.2	39	19	304	5.79	5	ND	ND	26	1	3	2	148	0.27	0.10	3	38	1.35	57	0.21	2.13	0.05	0.02	0.01	4	3	20	5.0	
S	L64E 6075N	3	46	1	60	0.3	38	16	253	4.36	3	ND	ND	23	1	2	2	130	0.25	0.12	3	36	1.22	49	0.23	2.26	0.05	0.01	0.01	4	2	15	4.8	
S	L64E 6100N	2	49	1	53	0.2	40	20	259	6.13	2	ND	ND	22	1	2	2	168	0.28	0.12	2	42	1.14	40	0.24	2.33	0.05	0.01	0.01	2	3	20	5.0	
S	L64E 6125N	1	46	1	53	0.2	35	18	215	5.99	2	ND	ND	25	1	8	2	172	0.30	0.11	2	41	1.01	52	0.24	2.28	0.05	0.01	0.01	2	3	10	5.2	
S	L64E 6150N	2	95	1	71	0.2	50	14	320	6.37	5	ND	ND	15	1	4	2	170	0.19	0.22	2	40	1.59	71	0.25	3.77	0.06	0.02	0.03	4	3	10	5.4	
S	L64E 6175N	1	39	1	53	0.3	28	18	212	6.14	4	ND	ND	19	1	2	2	176	0.24	0.13	2	42	0.88	38	0.22	2.38	0.05	0.01	0.02	1	3	20	5.3	
S	L64E 6200N	3	74	2	51	0.3	30	15	262	6.04	4	ND	ND	23	1	2	2	156	0.23	0.10	3	42	0.99	49	0.24	2.70	0.05	0.01	0.01	3	3	30	5.5	
S	L64E 6225N	1	54	1	66	0.4	33	13	280	5.62	2	ND	ND	20	1	2	2	146	0.24	0.22	2	40	1.16	46	0.21	3.38	0.05	0.01	0.02	3	3	20	5.5	
S	L64E 6250N	3	55	4	80	0.2	26	12	347	4.08	2	ND	ND	42	1	2	2	134	0.45	0.13	5	29	0.95	73	0.27	3.08	0.05	0.01	0.01	2	2	25	5.2	
S	L64E 6275N	2	43	1	49	0.6	27	16	244	5.38	3	ND	ND	24	1	3	2	138	0.30	0.10	3	38	0.89	53	0.20	2.67	0.05	0.01	0.03	6	2	30	5.5	
S	L64E 6300N	3	79	1	62	0.2	31	23	414	4.84	2	ND	ND	34	1	4	2	140	0.42	0.08	3	34	1.27	61	0.24	2.59	0.06	0.06	0.01	5	3	20	5.3	
S	L64E 6325N	2	124	1	63	0.2	36	20	348	5.40	2	ND	ND	26	1	4	2	157	0.40	0.10	2	35	1.43	50	0.25	2.07	0.06	0.06	0.01	3	3	10	4.8	
S	L64E 6350N	3	336	1	91	0.2	57	33	1060	5.09	2	ND	ND	73	1	7	2	153	0.92	0.12	5	37	2.55	189	0.29	3.05	0.08	0.35	0.01	8	3	20	5.3	
S	L64E 6375N	4	173	13	56	0.3	32	28	532	5.07	2	ND	ND	44	1	3	8	128	0.61	0.10	3	33	1.17	83	0.15	1.41	0.04	0.16	0.01	6	2	260	6.0	

CERTIFIED BY:



**APPENDIX 2**  
**ANALYTICAL PROCEDURES**

Jan. 1991.

**GEOCHEMICAL ANALYTICAL METHODS CURRENTLY IN USE AT  
ROSSBACHER LABORATORY LTD.**

**A. SAMPLE PREPARATION**

**1. Geochem. Soil and Silt:**

Samples are dried and sifted to minus 80 Mesh, through stainless steel or nylon screens.

**2. Geochem. Rock:**

Samples are dried, crushed to minus  $\frac{1}{4}$  inch, split, and pulverized to minus 100 mesh.

**B. METHODS OF ANALYSIS**

**1. Multi element: (Mo, Cu, Ni, Co, Mn, Fe, Ag, Zn, Pb, Cd, As):**

0.50 Gram sample is digested for four hours with a 15:85 mixture of Nitric-Perchloric acid. The resulting extract is analyzed by Atomic Absorbtion spectroscopy, using Background Correction where appropriate.

**2. Antimony:**

0.50 Gram sample is fused with Ammonium Iodide and dissolved. The resulting solution is extracted into TOPO/MIBK and analyzed by Atomic Absorbtion spectroscopy.

**3. Arsenic: (Generation Method)**

0.25 Gram sample is digested with Nitric-Perchloric acid. Arsenic from the solution is converted to arsine, which in turn reacts with silver D.D.C. The resulting solution is analyzed by colorimetry.

**4. Barium:**

0.20 Gram sample is repeatedly digested with  $\text{HClO}_4$ - $\text{HNO}_3$  and HF. The solution is analyzed by atomic absorption spectroscopy.

**5. Biogeochemical:**

Samples are dried and ashed at  $550^\circ\text{C}$ . The resulting ash analyzed as in \*1, Multielement Analysis.

**6. Bismuth:**

0.50 Gram sample is digested with Nitric acid. The solution is analysed by Atomic absorption spectroscopy.

## METHODS OF ANALYSIS (CONT'D)

7. **Chromium:**

0.25 Gram sample is fused with Sodium Peroxide. The solution is analyzed by atomic absorption spectroscopy.

8. **Fluorine:**

0.50 Gram sample is fused with Carbonate Flux, and dissolved. The solution is analysed for Fluorine by use of an Ion Selective Electrode.

9. **Gold AR/AAS:**

10.0 Gram sample is roasted at 550°C and dissolved in Aqua Regia. The resulting solution is subjected to a MIBK extraction, and the extract is analyzed for Gold using Atomic Absorption spectroscopy.

9A **Gold FA:**

10.0 Gram sample is fused with appropriate fluxes, and the resulting lead button is cupelled to produce a gold/silver bead. The bead is dissolved in Aqua Regia and analyzed for gold by AAS.

10. **Mercury:**

1.00 Gram sample is digested with Nitric and Sulfuric acids. The solution is analyzed by Atomic Absorption spectroscopy, using a cold vapor generation technique.

11. **Partial Extraction and Fe/Mn oxides:**

0.50 Gram sample is extracted using one of the following: hot or cold 0.5 N. HCl, 2.5% E.D.T.A., Ammonium citrate, or other selected organic acids. The solution is analyzed by use of Atomic Absorption spectroscopy.

12. **pH:**

An aqueous suspension of soil, or silt is prepared, and its pH is measured by use of a pH meter.

13. **Rapid Silicate Analysis:**

0.10 Gram sample is fused with Lithium Metaborate, and dissolved in HNO<sub>3</sub>. The solution is analyzed by Atomic Absorption for SiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub>, MgO, CaO, Na<sub>2</sub>O, K<sub>2</sub>O, TiO<sub>2</sub>, P<sub>2</sub>O<sub>5</sub>, and MnO.

14. **Tin:**

0.50 Gram sample is sublimated by fusion with Ammonium Iodide, and dissolved. The resulting solution is extracted into TOPO/MIBK and analysed by atomic absorption spectroscopy.

15. **Tungsten:**

1.00 Gram sample is sintered with a carbonate flux, and dissolved. The resulting extract is analyzed colorimetrically, after reduction with Stannous Chloride, by use of Potassium Thiocyanate.

16. **ICP :**

0.5 Gram sample is digested with Aqua Regia, and analyzed using a JOBIN YVON MODEL JY 32 1987 ICP Emission Spectrophotometer for Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, La, Mg, Mo, Mn, Ni, P, Pb, Sb, Si, Sr, Ti, U, V, W, Zn.



**APPENDIX 3**

**METHOD OF HISTOGRAM INTERPRETATION**

## METHOD OF HISTOGRAM INTERPRETATION

### RULES FOR CHOICE OF SIZE CODING OR CONTOURING INTERVALS

1. Examine both arithmetic and logarithmic histograms for each geochemical survey. Choose the histogram which most closely approximates a normal (or lognormal) distribution. If several populations are present on the histograms, subjectively divide the data into a series of (overlapping?) normal or lognormal distributions. Always avoid interpreting histograms which are strongly skewed. Portions of arithmetic or logarithmic histograms may be chosen over specific metal concentration intervals, if this allows for the best portrayal of the data in graphical form.
2. Choose, as two of the coding intervals, points which represent between 90% and 95%, and 95% and 97.5% of the data; two different numbers. These choices highlight from 1 in 10 to 1 in 20 samples which are considered slightly anomalous and definitely anomalous, respectively. These limits are optimistic in that the two categories are defined to be anomalous regardless of the distribution of values on the remainder of the histograms. A rigorous statistical approach would suggest that only values above the 97.5 percentile should be considered anomalous. Choice of any of the above percentiles is entirely subjective and meant to highlight the highest values of the survey.
3. Divide the remaining portion of the histogram into recognizable populations. The dividing point of each of these populations is chosen as a coding interval. Artifacts introduced as a consequence of detection limit considerations are ignored. These artificial breaks in the histograms can be recognized by referring to the laboratory reports and scanning data results.
4. For each population, choose one or two numbers which correspond to the 90% and 95% cumulative frequencies for the population (1 in 10 and 1 in 20 samples for that population). These will also be used to represent anomalous conditions for each population. Coding intervals can be no closer than 2X the detection limit for each element being considered.
5. A maximum of six numbers can be chosen to plot symbol maps. This number is dictated by the ability to present data in graphical form with sufficiently different symbol sizes for them to be easily distinguishable, particularly if maps are to be reduced. The seven defined concentration classes are normally sufficient to represent geochemical data on a map. More intervals can be chosen if data are to be contoured. Avoid choosing arithmetic intervals without considering rules (1) and (4).

6. Maps plotted using the preceding instructions might result in two areas being distinguished from each other by a relatively uniform density of symbol sizes, yet only poor contrast anomalies are indicated. Difference between the two areas, A and B, might be due to underlying geology, overburden character, soils etc. Whatever the cause, the data are not well displayed. If the underlying control distinguishing A and B can be recognized, the data can be divided and reinterpreted following steps (1) to (5). Two sets of maps can be drawn, or both sets of interpreted data can be plotted on a single map. For such superimposed geochemical maps, symbol sizes lose their absolute meaning but assume a more important stance, that of reflecting anomalous conditions regardless of the underlying control. To illustrate, consider the case where A and B are areas underlain by very different geology. Anomalous conditions for low background rock types might be concentrations which are much lower than average values for the high background rock types. Nevertheless, anomalies defined in each area are considered significant. Reliance on absolute concentrations can be misleading in such cases.

**APPENDIX 4**

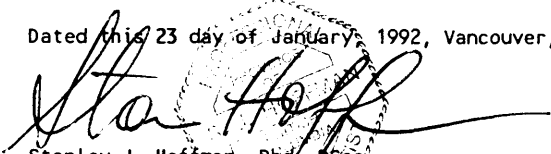
**STATEMENT OF QUALIFICATIONS**

CERTIFICATE OF QUALIFICATIONS

I, Stanley J. Hoffman of 2834 West 24th Avenue, Vancouver, British Columbia, hereby certify that:

1. I am a consulting geochemist with office at 1531 West Pender Street, Vancouver, B.C., V6G 2T1;
2. I hold the degrees of Bachelor of Science in geology and geochemistry from McGill University of Montreal (1969), a Master of Science in Geochemistry from the University of British Columbia (1972) and a Doctor of Philosophy in Geochemistry from the University of British Columbia (1976);
3. I have practised the profession of geologist/geochemist continuously since 1973.
4. My list of publications include:
  - 2 - Theses (unpublished)
  - 17 - Scientific papers in referred journals (3 in the last 3 years)
  - 1 - Published Geochemical Manual (report writing)
  - 1 - Published Directory: 1990 AEG Membership Listing and Directory of Geochemical Exploration and Environmental Services
  - 1 - Unpublished Manual - Organization of a Geochemical Symposium
  - 2 - Books (Reviews in Economic Geology - Volume 3, Writing Geochemical Reports)
  - 2 - Scientific papers in unreferred journals
5. My memberships include:
  1. Member Geological Association of Canada, since 1967; Fellow since 1986
  2. Canadian Institute of Mining and Metallurgy, since 1973
  3. Association of Exploration Geochemists, since 1972
  4. American Society of Agronomy, since 1973
  5. Geochemical Society, 1983 - 1990
  6. International Association of Geochemistry and Cosmochemistry, since 1986
  7. American Chemical Society, since 1989
6. Other qualifications include:
  1. Association of Exploration Geochemists council, (1980-1986, 1988-1990), president (1987-1988), business manager (1988-1991).
  2. Lecturer, B.C. Department of Mines Prospecting Course, (1977-1991), B.C. & Yukon Chamber of Mines (1987-1990), Short Course, Prospectors and Developers Association (1990), Short Course, Calgary MEG (1989), Short Course, AIME (1988), Short Course, Northwest Mining Association (1979, 1985, 1988), Brokers Course (1984, 1985).
  3. Chairman, GOLD-81 and GEOEXPO-86 Geochemical Exploration Symposia, Vancouver, B.C.
  4. Committee for professional registration, province of British Columbia (1980-1983, 1990 and 1991).
  5. P. Geo. (B.C.) Accreditation as a professional geoscientist of British Columbia, since 1991.
7. I have no interest in claims comprising the Porphyry project, or in Teck Exploration Ltd.

Dated this 23 day of January, 1992, Vancouver, British Columbia

  
Stanley J. Hoffman, Ph.D., P. Geo.