GEOLOGICAL AND GEOCHEMICAL REPORT

FIRE CREEK PROSPECT

CLAIM NOS.: 510817, 510819, 510820

NEW WESTMINSTER MINING DIVISION

MAPSHEET NTS 092G16

LATITUDE 49° 47' N LONGITUDE 122° 14' W

Dates of work: September 1-14, 2005

Filed for Assessment Work: February 21, 2006

For: Cumberland Resources Ltd.
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February 2006

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Summary

In 2005, Cumberland Resources Ltd. acquired claims covering the Fire Creek gold prospect, located a few kilometers northwest of the head of Harrison Lake, in southwest British Columbia. The following is an overview of the property, including history of the prospecting and exploration of the property, as well as a report on the work done by Cumberland Resources Ltd. on this property in 2005. Information on the exploration history is taken from assessment reports from previous exploration programs of the Fire Creek property (B.C. Assessment Reports 09783, 14663 and 17508). The report of current work includes results from surface geological mapping at 1:2,000 scale, a soil geochemical survey (39 samples) and geochemical analyses of 116 rock samples (102 surface grab and chip samples and 14 core samples from a previous drill program).

Introduction

In August 1980, red oxide-stained boulders were noted in the creek bed at the Fire Creek Bridge during a regional sampling program by Territorial Gold Placers Ltd. These float boulders proved to be strongly altered and bleached tuffs, with pervasive silica and sericite alteration and 10-20% pyrite. This lead to additional exploration farther up the Fire Creek valley, to find the source area of the boulders. Similar altered material was found 2.5 kilometers upstream from the bridge on the sides of near-vertical rusty cliffs. The altered zone was thought to resemble a pyritic stringer zone assemblage, typical of the footwall of other massive sulfide deposit prospects in the area. The area surrounding the altered cliffs was staked immediately thereafter (Hades and Brimstone claims), and samples from the sulfide mineralization zone and along staking lines were collected.

Results from this sampling program indicated strongly anomalous gold values (up to 470 ppb) as well as anomalous copper, lead, silver and arsenic values. A pan sample was also taken at the logging road bridge, where the rusty float boulders were first observed. This sample contained 5430 ppb gold and 271 ppm copper, suggesting a significant gold source within the Fire Creek drainage basin.

A second field program was completed on the Fire Creek prospect in 1981. This program included a focused study on the south side of the creek, to test the hypothesis that the rusty cliffs are the source of the gold anomaly. This program resulted in the delineation of a 1000 meter long, 350 meter wide and 70 meter deep altered and mineralized zone. Geochemical results indicated that this zone is anomalous in gold, arsenic, silver, barium and lead, and is depleted in zinc. Surface samples from along the strike length of the zone ranged from 1 to 1950 ppb gold, and average 307 ppb. The zone was reinterpreted as a siliceous hydrothermal hot spring, rather than the footwall of a massive sulfide system.

In 1984, the property was optioned to Tenquille Resources Ltd. Airborne VLF-EM and magnetometer surveys were completed, as was an Airphoto Tectonic survey. A diamond drill hole was attempted from the logging road running along the south side of the creek, but the equipment utilized was unable to penetrate the gravel-till overburden. The property was returned to Hycroft Resources in 1985.

Further mapping and sampling continued through 1986, and a strong gold anomaly (>100 ppb) was measuring 1000 by 100 meters was outlined, with a strike trending northwest by southeast, crossing Fire Creek at the site of the rusty near-vertical cliffs. The highest gold values were found on the central part of the northwestern lobe of the anomaly. This area was targeted for a diamond drill program in 1987.

Nine diamond drill holes, totaling 850 meters, were completed off the north side of Fire Creek. Three holes that were to assess the projected mineralized zone were stopped short due to technical difficulties (87DH-2, 87DH-3 and 87DH-8). Drill hole 87DH-6 was also abandoned due to technical problems. Highlights from this drill program are shown in table 1:

Table 1: 1987 Drilling Program Highlights

Hole_ID	From	To	Interval (m)	Au g/t	Ag g/t	Cu %	Zn %
87DH-1	30.3	33.3	3.00		44.0	0.47	0.08
87DH-1	73.8	91.8	18.00	1.30	4.0		
inc	85.8	91.8	6.00	2.54	8.3		
87DH-2	24.8	27.8	3.00		9.1	0.80	0.35
87DH-2	53.3	56.3	3.00		127.3	1.01	0.18
87DH-3	24	28.5	4.50		9.6	0.12	0.44
87DH-3	33	34.5	1.50	0.96	46.0	0.35	1.62
87DH-4	17.3	18.8	1.50	1.68	5.5	0.28	
87DH-4	51.8	54.8	3.00	1.01	2.9	0.22	
87DH-5	17.3	20.3	3.00	3.05	4.0	0.10	
87DH-7	66.8	72.8	6.00	1.05	3.4	0.12	
87DH-8	58.8	60.3	1.5		44.4	0.69	0.10
87DH-9	10.8	13.8	3		32.4	0.30	1.30
87DH-9	33.3	34.8	1.5	1.58	122.5	0.71	0.14

Results from the 1987 drill program outlined a large sulfide-bearing silica-sericite-chlorite alteration zone that is approximately 20 meters in true thickness to the northwest, increasing to 40 meters to the southeast. Drill hole intersections also outlined an approximate strike length of 200 meters and a depth greater than 120 meters. The alteration appeared to lose intensity to the northwest and likely pinches out. The extent of the alteration to the southeast was unknown and may continue for several hundred meters beyond the boundary of the zone delineated by drill hole data. Three continuous gold-bearing zones were outlined, with a maximum grade of 5.93 g/t gold, and anomalous concentrations of Cu, Pb, Zn, and Ag. Further drilling was proposed to identify the limits of the gold-bearing zones. The overall system was reinterpreted as a potential massive sulfide deposit environment, due to the significant occurrences of primary sulfides, as well as high Cu, Pb, Zn and Ba content.

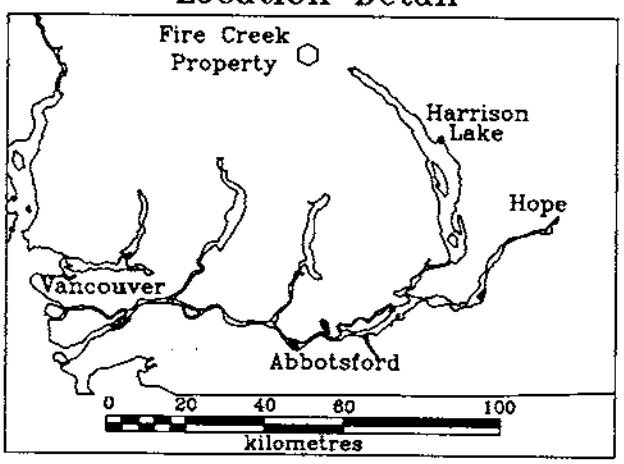
Cumberland Resources Ltd. of Vancouver, B.C. acquired ground covering the Fire Creek prospect in mid April 2005. A preliminary visit was made to the property by helicopter in June, 2006 and a field program was carried out in September 2006.

Location

The Fire Creek prospect is located within the Fire Creek watershed, which drains into the Lillooett River 7 kilometers upstream from the northwest end of Harrison Lake (see Figure 1). The property is 85 km northeast (straight line) from Vancouver. However, road access from Vancouver requires an approximately 200 kilometers drive through Pemberton and along the Lillooett River road. Road access may also be possible northward from Harrison Mills but the road near 5-Mile Bay is reported to be extremely rough and would necessitate a 4-wheel drive vehicle.

The property is located 2-3 kilometers upstream from the mouth of Fire Creek. The alteration zone straddles the creek and thus access to both the north and south banks are necessary. The north side is accessible by a logging access road from the western Lillooett River road that continues up the Fire Creek valley to Fire Lake (4-wheel drive vehicle recommended). Overgrown access roads from the 1987 drill program could be easily rehabilitated to provide direct vehicle access to the altered zone from the logging road. The south side of Fire Creek can be accessed by foot along old logging roads.

Location Detail



CUMBERLAND RESOURCES LTD.

FIRE CREEK PROPERTY
British Columbia

PROPERTY LOCATION MAP

Scale: as shown	N.T.S.	Date: Jan. 2006
Revised by: APH	I.O.L.	Map No. Fig. 1
Filename: FC_LOC_MAP		

These overgrown paths could also be easily rehabilitated for use with 4-wheel drive vehicle.

The topography of the claims is steep and mountainous. The main area of geological interest is characterized by extremely steep canyon walls (approximately 80 meters high), including the original rusty and bleached exposures that are considered the source of the rusty float boulders. These cliffs extend directly into the creek, making it unfeasible to easily cross the creek to the opposite bank. The steep terrain also results in the inaccessibility of many outcrops on the property without the use of climbing and/or safety equipment.

The vegetation varies from thin to very thick. It can be especially dense in previously logged areas on the south side of the creek. The old and overgrown drilling and logging roads are easy to move through and provide the best accessibility to the entire property.

A temporary logging camp, run by Pacific International Helilog, is situated at the northwest end of Harrison Lake. This camp is a 10 minute drive from the Fire Creek access road, and provided ideal accommodation while doing work on the Fire Creek property. A disused airstrip at the camp could be easily reclaimed for air transportation.

The Fire Creek property was obtained by Cumberland Resources Ltd. in 2005. A two week field program in the fall focused on a general reconnaissance of the property, including reevaluation of previous work, and a sampling program. This program focused on the altered zone identified by previous workers and covered an area of 1.6 by 0.6 kilometers. The primary metal of interest during this program was gold. The geology of the property was mapped at a scale of 1:2,000. The sampling program consisted of a geochemical survey of 116 rock grab and chip samples and 39 soil samples.

Mineral Claims

The Fire Creek property is owned by Cumberland Resources Ltd., and is composed of three claims, totaling 73 units (1522.7 ha) as shown in Figure 2. Details are shown in Table 2. The claims are currently in good standing.

Table 2: Fire Creek Property Claim Details

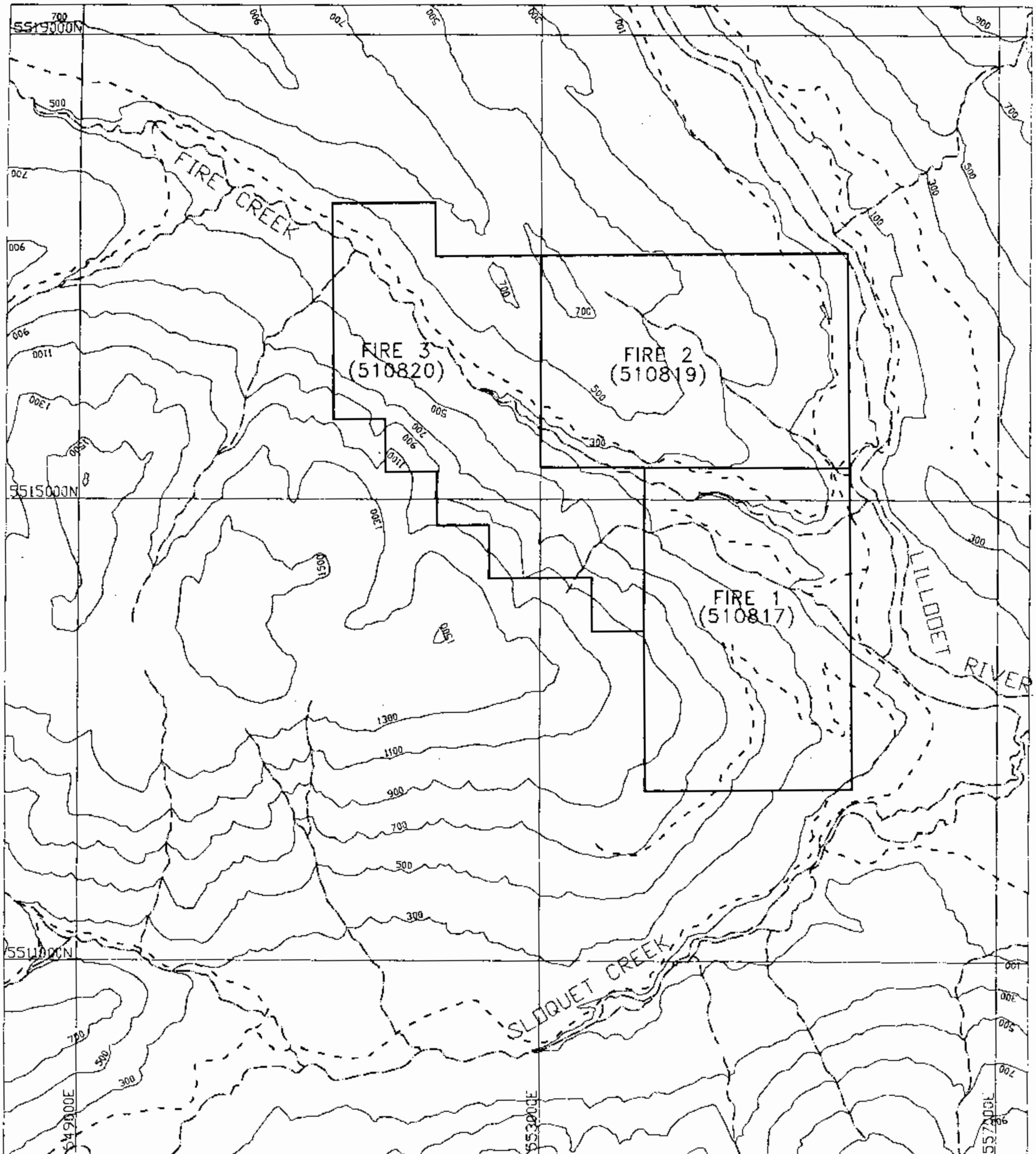
CLAIM NAME	CLAIM #	OWNER	UNITS	EXPIRY DATE
Fire 1	510817	Cumberland Resources Ltd.	24	APRIL 15, 2006
Fire 2	510819	Cumberland Resources Ltd.	24	APRIL 15, 2006
Fire 3	510820	Cumberland Resources Ltd.	25	APRIL 15, 2006

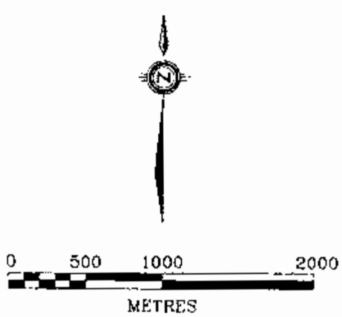
Regional Geology

The geology of Fire Creek forms part of a broad package of rocks known as the Fire Lake Group, which was originally delineated by Roddick (1965). Paleontological work by Jeletzky (1965) on fossils collected by Roddick resulted in an Early Cretaceous age of deposition. The Fire Lake Group is subdivided into the lower Peninsula Formation and upper Brokenback Hill Formation. The descriptions of the geology, structure and mineralization given below is largely a summary of a detailed report on the Fire Lake Group by Lynch (1990). The regional geology in the vicinity of the Fire Creek property is shown on Figure 3.

Peninsula Formation

The Peninsula Formation is the oldest stratigraphic unit in the Fire Lake Group. The formation is best exposed to the southwest of Fire Mountain. Faulting has resulted in





CUMBERLAND
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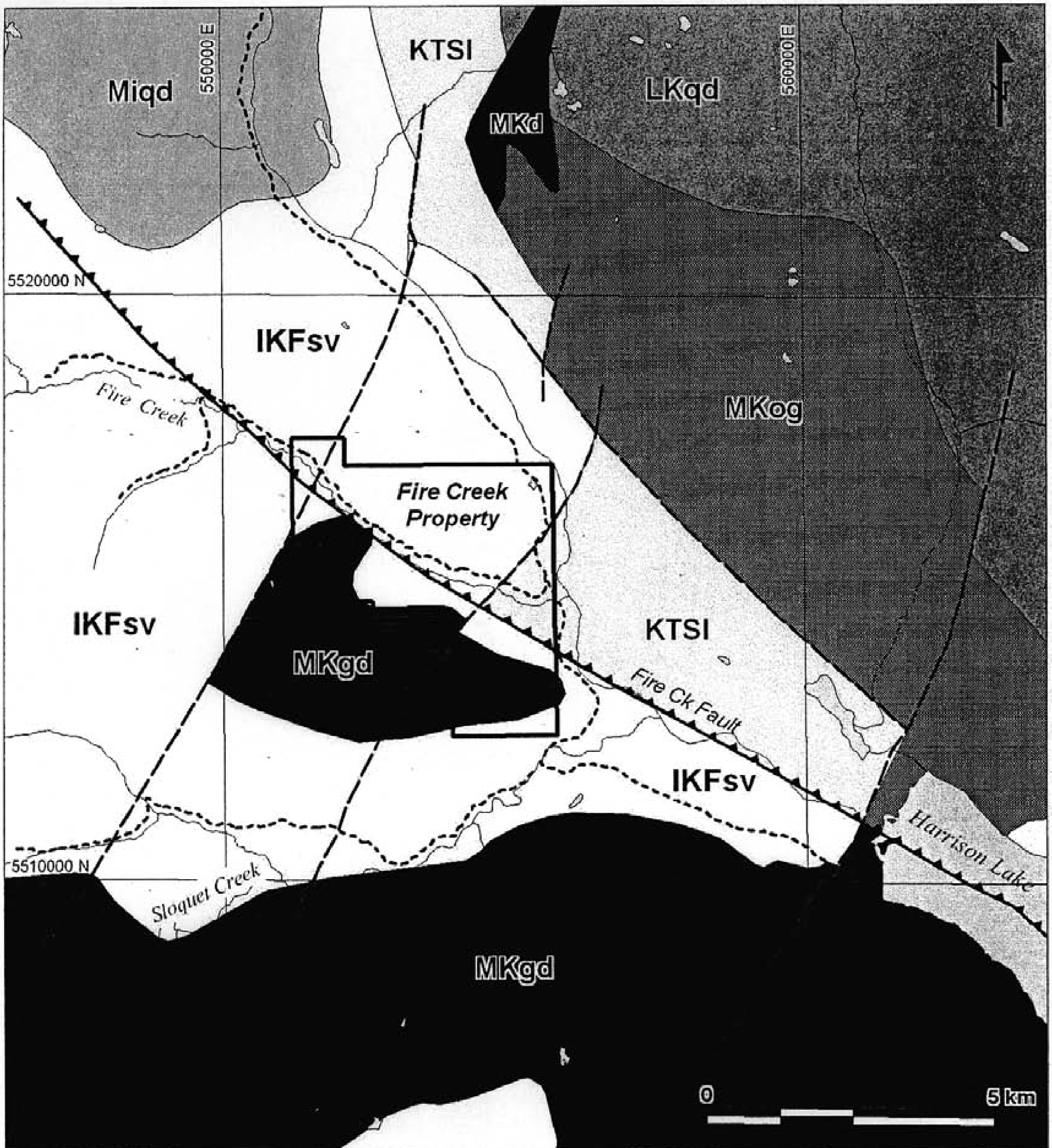
FIRE CREEK PROPERTY
British Coluimbia

CLAIM MAP

Scale: 1:50,000	N.T.S. NTS	Date: 16/01/2006
Revised by: APH	I.O.L. IO:	Map No. 2
Filename: FIRE_CREEK_CLAIMS		



LEGEND

Migd	Miocene Granodiorite
LKqd	Lower Cretceous Quartz Diorite
MKgd	Mid-Cretaceous Granodiorite
MKd	Mid-Cretaceous Diorite
KTsl	Cretaceous-Tertiary Slollcum Schist
LKFsv	Lower Cretaceous Fire Creek Group
MKog	Mid-Cretaceous gneiss

Fault / Thrust Fault

Road

Claim Boundary

CUMBERLAND
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FIRE CREEK PROPERTY

British Columbia

REGIONAL GEOLOGICAL MAP

Scale: 1:100,000 approx	N.T.S.: 92 G/16	Date: 06 / 02 / 2006
Revised by: DBF / APH	NAD83 Zone 10	Map No. 3
Filename: Fire Creek_Regional Geology		

no exposure of the base of the formation. The formation is further subdivided into two members. The lower conglomerate is about 1200 meters thick, with variable type and distribution of clasts. Clasts include andesite, rhyolite, and feldspar porphyry, with minor chert, siltstone, detrital quartz and feldspar crystals, and granite. The member grades from calcite cemented, cross-stratified channel gravel and sand, likely of fluvial origin, into coarse beach deposits, characterized by near-shore flora and fauna. The overlying member is an 800 meter thick, well-bedded arkose, with planer cross-stratification, hummocky cross-lamination, graded bedding and soft sediment deformation features. Minor limestone beds or epidotized calc-silicate rock are also present.

The overall stratigraphy of the Peninsula Formation is thought to represent a transgression, from fluvial to beach and possibly shallow marine environments.

Brokenback Hill Formation

The Brokenback Hill Formation is characterized by a volcanic succession and is subdivided into four members. The lowermost member is composed of interbedded feldspar crystal tuff and slate or phyllite. The tuff contains predominantly moderate to well-sorted, rounded, medium grained feldspar, in a pelitic matrix. The member is generally massive, but also displays graded bedding, flame structures and rip-up clasts. The compositional dominance of feldspar, along with the lack of quartz and lithic fragments, suggests deposition under subaqueous conditions.

Above the feldspar crystal tuff is an andesite and intermediate volcanic member, with rare rhyolite. The volcanics occur as massive andesite flows with plagioclase and amphibole phenocrysts, and heterolithic volcanic breccias or conglomerates. Texturally, these rocks are poorly sorted; the clasts are matrix-supported in feldspar crystals, finer volcanic clasts, and mud, which likely represent debris flows. This unit is metamorphosed to greenschist facies, which has obscured primary textures.

The third member is mostly coarse-grained, feldspar-rich volcaniclastic sandstone, with chloritized lithic volcanic fragments and a green chloritic groundmass. This feldspathic greywacke is poorly bedded and sedimentary structures are rare. A 3-5 meter thick, gypsum-bearing unit outcrops within this member, southeast of Fire Mountain. This layer is composed of 40-60% gypsum, and also contains 15% disseminated pyrite. The occurrence of this layer within the Brokenback Hill Formation suggests a seafloor exhalative environment.

The uppermost member of the Brokenback Hill Formation is composed of pyroclastic rocks, including lapilli tuffs and aphanitic felsic, intermediate and compositionally-varied volcanics. The sedimentary rocks at the base of this member grade into the rocks of the underlying member. The volcanics are thought to have been deposited under subaerial conditions.

Structure

Three phases of deformation of the Fire Lake Group have been identified. The first deformation is characterized by shallow-angle thrusts which resulted in the superposition of the Peninsula Formation onto the Brokenback Hill Formation. Thrusting resulted in the tight, overturned folds in the hanging wall of the faults. The fault surfaces are characterized by en echelon shear bands, as well as boudinage of sandstone beds. The boudins are rotated, and indicate south-southeast transport.

The second phase of deformation resulted in tight, large-amplitude northwest-trending folds. These folds contain parasitic folds on multiple scales as well as a penetrative axial cleavage defined by aligned mica. This deformation event is thought to have occurred under greenschist metamorphic conditions. This deformation event also resulted in the Fire Creek Thrust, which traces Fire Creek and the ridge crest of Fire Mountain. This high-angle thrust resulted in the lower Brokenback Hill formation being juxtaposed against the upper stratigraphy of the formation. The fabrics associated with the thrust are ductile, and the rocks have been exposed to high grade metamorphism. Sigmoidal, "c" and "s" fabrics from steeply-dipping shear bands indicate steep-angle, southwest thrusting. Quartz veins are boudinaged and highly deformed along the shear bands. Mineral lineations plunge to the northwest along the foliation, and are consistent with steep angle thrusting with a dextral slip component. Talc schist, with quartz-kyanite segregations, is found in the mapped area, indicating high pressure and temperature conditions during thrusting, implying significant burial.

The third and final major deformation event resulted in steep-dipping, northeast-striking faults, which are regionally extensive. Structures and fabrics within these faults indicate dextral, transcurrent motion. The surface traces of these faults are straight and often marked by physiographic depressions.

Mineralization

A number of different styles of mineralization have been recognized in the Fire Lake Group, including volcanic-exhalative mineralization, stockworks and skarns related to granodiorite, and mesothermal Au-Cu veins associated with high-angle thrust faults.

The Fire Lake Group has been correlated to the Gambier Group, which contains the Britannia volcanogenic massive sulfide orebody. This Kuroko-style deposit contains bedded and brecciated gypsum, similar to pyritic gypsum found in the Brokenback Hill

Formation, and suggests the possibility of similar submarine hydrothermal mineralization in the Fire Lake Group.

The Fire Creek Thrust may have influenced the distribution of Au-Cu veins. The association of high-angle faults and Au-bearing veins is well documented in both Archean and younger Au-vein systems (Sibson, 1989). In the Fire Lake Group, three Au-bearing veins occur in the footwall of the Fire Creek Thrust, northwest of Fire Mountain: the Money Spinner, Barkoola, and Blue Lead veins. These veins were discovered in the 1890s and have been the focus of many exploration programs, including minor mining and underground development.

Local Geology

The geology mapped during the 2005 program (see Figure 4) is thought to be part of the lower stratigraphy of the Brokenback Hill Formation. This portion of the property geology is dominated by high-angle structural elements, sericitic and silicic alteration, and greenschist metamorphism. Original textures and lithology are often not preserved. Outcrop occurs along the steep slopes and cliffs on the north side of Fire Creek, most notably along a steep promontory that is interpreted as the source of the rusty boulders in the creek near the logging road bridge. Extensive exposure also occurs along the road-cut along the north side of the creek. Exposures on the south side of Fire Creek occur mostly in erosional scarps along the south bank of the creek.

Lithology

Four distinct lithologies have been identified at the Fire Creek property. The oldest rock type is shale that may include interbedded tuffs. This unit outcrops along the southern boundary of the property. The extent of this unit south of the property is unknown due to till which covers the bedrock south of the old logging road along the south side of the creek. This bedded unit has an approximate east-west strike and dips to the south.

A sharp contact separates the shale from a quartz muscovite kyanite schist unit. This unit has been referred to by previous workers as a feldspar crystal tuff. However, petrographic work by John Payne of Vancouver Petrographics Ltd. (2005) indicates that feldspar is absent from this rock type and the major minerals present are quartz, muscovite and kyanite. This rock unit is often moderately to strongly foliated, and near major faults or shear zones fractures into rods to produce a lineation. The quartz schist outcrops along the south bank of Fire Creek. It also constitutes the major cliff forming rock-type of the steep promontory on the north side of the creek. Fresh surfaces of this rock type are white, and weathered surfaces are often rusty-red. Disseminated pyrite is present in variable concentrations (up to 15%).

A highly foliated sericite schist unit is found on the north side of the creek, in contact with the quartz muscovite kyanite schist. This white-buff schist is extremely friable, and dominated by sericite and variable amounts of quartz. Trace to no sulfide is present in the sericite schist. Lenses of sericite schist occur within the quartz muscovite kyanite schist on the south side of Fire Creek. These thin lenses, which are exposed on the scarps, are up to 130 meters long, and run parallel to the creek bed.

The geology north of Fire Creek is dominated by andesite, with the exception of the steep promontory. Andesite also outcrops on the south side of the creek, in the southeast quadrant of the map. The andesite is green, fine to medium-grained, and is generally massive. In high-strain zones, such as near faults or shear zones, the andesite can be highly foliated and easily mistaken for sericite schist in outcrop, due to the similar buff coloured weathered surfaces. A close examination of a fresh surface, which will be green for andesite, is necessary to distinguish the two rock types.

Previous workers have identified a scapolite schist unit on the south side of Fire Creek, directly north of the shale unit. This unit was identified based on the presence of significant amounts of a hard, yellow mineral in a rock that otherwise resembles the quartz muscovite kyanite schist, in terms of composition and texture. Significant amounts of this rock type are found in the talus of the scarps on the south side of the creek. However, this 'scapolite'-rich unit was only observed in outcrop at one location. This rock type has therefore not been differentiated from the quartz muscovite kyanite schist on the property geology map. The presence of scapolite was verified in a thin section of this material however was not specifically correlated with the yellow mineral (see petrographic report in Appendix A for details).

Structure

The structure of the property is dominated by WNW-ESE trending structural elements and lithologic boundaries. This trend is parallel to Fire Creek and the trace of the Fire Creek Thrust, which runs along the creek bed. Structural measurements of the major foliations in the different rock units have a consistent general orientation that parallels the overall structural WNW-ESE trend. Strongly foliated and altered shear zones, with "c" and "s" fabrics have been identified in outcrop. The foliations in the schists and andesite also general dip to the northeast. The scarps on the south side of Fire Creek may be the exposed surface of the Fire Creek Thrust. Shear zones that run through the property can be traced along negative topographic features, such as stream beds and recessive depressions in cliffs. The sericite schist and quartz muscovite kyanite schist units are likely in fault contact with the surrounding andesite. This schist package contains high pressure metamorphic minerals and may be an exotic terrain in an andesite host. However, high pressure minerals have also been identified in Fire Lake Group stratigraphy outside the property area (Lynch, 1990). The relationship between the high pressure schists and the andesite remains uncertain. Small andesite lenses (up to 70 meters) are found within the schist units. These lenses may have been entrained in the schists during shearing events.

The numerous WNW-ESE fault traces in the schists and andesite are likely related to the second phase of deformation described by Lynch (1990). A northeast-southwest fault runs through the northwest of the property. This fault has a dextral offset, similar to those described by Lynch (199) and Roddick (1965) that occur during the third and final stage of major deformation.

Alteration

Alteration is directly associated with the presence of the quartz muscovite kyanite schist and the sericite schist. This alteration zone forms the steep-sided promontory on the north side of Fire Creek and is characterized by both silicic and sericitic alteration, as well as up to 15% pyrite. This alteration zone extends across the creek to the southeast. A similar style of alteration, although not as intense, is exposed in the scarps along the south side of Fire Creek.

Alteration may be a key factor in the determination of rock-type at the Fire Creek property. The quartz muscovite kyanite schist is characterized by medium to strong silicic alteration. The sericite schist is identified by the strong sericitic alteration.

Questions remain as to the timing of the alteration and the relationship between the alteration and the structural history of the property. For example, the sericite schist may be strongly foliated because the high proportion of mica minerals can accommodate tectonic and structural stress to a higher degree than the quartz schist or andesite. However, the high proportion of sericite may be the result of alteration fluids moving through structural elements that pre-existed the sericite-rich host. The alteration and structural elements may in fact be a cogenetic relationship.

Alteration of the andesite appears to be relatively absent, with the exception of pyrite, which can make up to 20% of the rock. The concentration of pyrite appears to be directly related to the proximity of the altered schists. Pyrite mineralization is also common in the quartz muscovite kyanite schist, but is conspicuously absent from the sericite schist.

Geochemistry

Results from 155 geochemical analyses are summarized below and reported in full in Appendix C. These results include 102 surface grab and chip samples, 14 samples from core left at the site during the 1987 drill program, and 39 B horizon soil samples from a soil grid on the southeast quadrant of the property. Locations of all samples are shown on Figure 4, with Au, Ba, Cu, Pb and Zn values shown on Figures 5 to 9 respectively. All analyses were completed at International Plasma Labs Ltd., in Vancouver, BC. And included gold by fire assay with an AA finish, 30 element aqua regia digestion ICP, and barium by multi acid digestion ICP. Full details of all analytical techniques used are provided in Appendix B, results are provided in Appendix C, and sample descriptions are provided in Appendix D.

Gold concentrations range from less than the detection limits to 0.87 g/mt in surface samples and 1.58 g/mt in core samples. Elevated gold concentrations (>0.1 g/mt) are associated with the altered quartz muscovite kyanite schists and proximal andesites. A highly sheared section within the altered promontory returned a result of 0.46 g/mt over 7.8 meters, including 0.73 g/mt over 2.3 meters from a series of representative chips. A sample of quartz muscovite kyanite schist within an erosional scarp on the south side of Fire Creek, across from promontory yielded a gold concentration of 0.4 g/mt. Elevated concentrations of silver, as well as copper, zinc and lead are also associated with silica-altered schists. However, there is no apparent correlation between elevated gold and base metal values.

Barium concentrations were measured due to the association of elevated barium levels and volcanogenic massive sulfide-style mineralization. Barium concentrations in rock samples ranged from 31 to 26157 ppm, with an average concentration of 1438 ppm. The highest concentrations are associated with an outcrop containing highly-sheared, silica-altered schists. This location also contains elevated gold concentrations (average of 0.40 g/mt).

Base metal concentrations are variable throughout the property. Copper concentrations range from 4 to 1216 ppm, and average 65 ppm. A high-grade sample from a copper-rich veinlet in andesite along the road cut on the north side of Fire Creek yielded a copper concentration of 6190 ppm. This high-grade copper mineralization was only observed in this one, relatively unaltered location. Lead concentrations range from below detection limits to 330 ppm, with an average concentration of 49 ppm, and zinc concentrations range from below detection limits to 288 ppm, with an average concentration of 42 ppm. Elevated base metal concentrations are widely and irregularly distributed throughout the property, and show no direct correlation with rock-type or gold occurrences.

A soil grid on the southeast quadrant of the property was put in place to determine the extent of the altered zone on the south side of Fire Creek, where rock outcrops are sparse (see Figure 4). The overall WNW-ESE structural and lithologic trend of the property suggests that the altered zone may extend across the creek to the southeast. Results from the geochemical analyses of the soil samples are presented in Appendix C. The results show no significant anomalous gold or base metal concentrations. The few rock outcrops in the area of the soil grid have strongly anomalous barium concentrations (up to 7259 ppm).

Conclusions

The Fire Creek property contains a structurally complex assemblage of metamorphosed volcanic and volcaniclastic rocks. A strong WNW-ESE structural fabric dominates the geology of the area. This pervasive structural fabric parallels major faults and shear zones that run through the property and likely control the orientation and position of the major lithologic contacts. Strong silicic and sericitic alteration dominates the schists and has overprinted primary textures of the rocks. Andesites have not been significantly affected by alteration. Silicic alteration is strongly correlated to elevated gold concentrations. Up to 15% pyrite occurs in silicified schists and proximal andesites, but does not correlate with elevated gold concentrations. Questions remain as to the relationship between structural fabrics, alteration and mineralization at Fire Creek, especially in regards to timing of these events, and the controls of the original lithologies.

Surface sampling and subsequent geochemical analyses reveal anomalous gold and base metal concentrations at the property.

Due to the limited amount of drilling at the Fire Creek property, and the fact that a number of previous drilling attempts failed to reach their targets, much of the altered zone remains untested. Drill results from successful holes have indicated the presence of zones with elevated gold concentrations in the subsurface. Further drilling of the altered zone would be required to further delineate the extent of the altered zone and mineralization and evaluate the potential for this zone as a deposit. Drilling of the altered zone on the south side of Fire Creek, which has not yet been tested, could also significantly extend the known area of alteration and gold mineralization.

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STATEMENT OF EXPENDITURES

Field Personnel: Project geologist (13 days)	$4,095.00
Geologist (13 days)	$3,380.00
Field Assistant (6 days)	$1,500.00
Accommodation & Meals	$2,400.00
Mob/Demob	$1,500.00
Air Support (helicopter – 4 hours)	$3,057.00
Truck Rental	$2,661.00
Equipment and Supplies	$2,960.00
Hand held radio rental	$300.00
Geochemistry (assaying)	$4,244.00
Contract job (digital orthophoto data purchase)	$1,632.00
Contract job (petrographic work)	$960.00
Report Preparation (8 man days + materials)	$2,300.00
Management (3 man days)	$945.00
TOTAL	**$31,934.00**

Certificate of Qualifications

I, Andrew P. Hamilton, of #14 – 225 West 14th Street, North Vancouver, British Columbia, do hereby certify that:

1. I am a graduate of the University of British Columbia, with a Bachelor of Science degree in Geology.
2. I am registered as a Licensee with the Association of Professional Engineers and Geoscientists of British Columbia,
3. I have practiced my profession continuously since graduation.
4. I have participated in and supervised the work described herein and participated in the preparation of this report.
5. I have direct knowledge of and have confirmed the expenditure made relating to the activities described in this report as outlined in the Statement of Expenditures.

Dated at Vancouver, B.C., this 21st day of FEB, 2006

PROFESSIONAL PROVINCE OF A.P. HAMILTON 24873 BRITISH COLUMBIA GEOSCIENTIST

Andrew P. Hamilton, P.Geo.

Certificate of Qualifications

I, John W. Jamieson, of Edmonton, Alberta, do hereby certify that:

1. I am a Geologist-in-Training in the Province of Alberta, residing at 8940-117 Street NW, Edmonton, Alberta, T6G 1R9.
2. I am a graduate of the University of Alberta, B.Sc. (Hons), 2002, and the University of Maryland, M.Sc., 2005.
3. I have practiced my profession as an exploration geologist continuously since 2005.
4. This report is based on my personal knowledge of the district, and mapping of the geology at the property.

John W. Jamieson, M.I.T.

APPENDIX A

Petrographic Report

Report 050789 for

Andrew Hamilton,
Cumberland Resources, Ltd.,
950 – 505 Burrard Street,
Vancouver, B.C. V7X 1M4

November 2005

Project: Fire Creek

Samples: **135273, 135530, 135531, 135550, 87-5**

Photographic Notes:

The scanned sections show the gross textural features of the sections; these features are seen much better on the digital image than on the printed image. Sample numbers are shown in or near the top left of the photos and photo numbers at or near the lower left. The letter in the lower right-hand corner indicates the lighting conditions: P = plane light, X = plane light in crossed nicols, R = reflected light, RP = reflected light and plane light, RX = reflected light (uncrossed nicols) and transmitted light in crossed nicols. Locations of digital photographs (by photo number) are shown on the scanned sections. Descriptions of individual photographs are given at the end of the report.

Summary:

The samples show evidence of two major deformation events. The former produced the metamorphic foliate and most of the present minerals. The latter was second shearing event that tightly folded the primary metamorphic foliation (S1) and concentrated muscovite either along a second pervasive foliation (S2) or in seams that cut across the original rock. Some of the muscovite seams were contorted finely. In some samples, quartz was recrystallized after shearing stopped to produce a submosaic to mosaic texture. During the second deformation, some of the kyanite grains were warped and segmented, some of the coarser grained quartz and some of the scapolite grains were strained moderately and recrystallized slightly, and cataclastic seams of extremely fine grained quartz were formed along some of the muscovite-rich seams.

Whether the second deformation is related in origin to the high-angle fault is uncertain. Pyrite probably was introduced before the second deformation event and probably was recrystallized during it.

The presence of kyanite and the abundance of quartz suggest that the original rock was a quartz- and clay-rich sedimentary rock.

Sample 135273 is a metamorphic foliate dominated by medium to coarse grained quartz that was strained moderately. Muscovite-rich seams contain patches of medium grained scapolite and kyanite, patches of extremely fine grained quartz, and disseminated grains of rutile. The seams show moderate to strong cataclastic deformation textures such as strained and recrystallized quartz, segmented kyanite grains, and warped muscovite seams and scapolite grains.

Sample 135530 is a moderately banded foliate dominated by quartz with bands and patches rich in muscovite and kyanite. Some muscovite seams were contorted moderately to very strongly, whereas quartz generally has a submosaic texture. Kyanite was replaced slightly by muscovite and Mineral X, an unknown, probable clay mineral. Barite occurs in a patch 4 mm across intergrown with lesser quartz.

Sample 135531 is a banded schist dominated by quartz with moderately abundant muscovite and kyanite and minor pyrite and rutile. Some kyanite grains were warped slightly to moderately.

Sample 135550 is a moderately foliated metamorphic rock dominated by quartz with interstitial barite and minor limonite/jarosite, and scattered grains of kyanite and associated seams of muscovite. A few grains are of a silvery white mineral with high reflectivity, possibly native silver or bismuth.

Sample 87-5 is a banded schist dominated by quartz and muscovite with moderately abundant, disseminated pyrite. Muscovite is concentrated moderately to strongly in bands parallel to a second foliation that produced tight warps in the primary foliation. Less abundant minerals include minor scapolite and rutile, and trace corundum.

John G. Payne, Ph.D., P.Geol.
Tel: (604)-597-1080
Fax: (604)-597-1080 (call first)
email: jgpayne@telus.net

Sample 135273 Quartz-Scapolite-Muscovite-Kyanite-(Rutile) Foliate

The sample is dominated by medium to coarse grained quartz that was strained moderately. Muscovite-rich seams contain patches of medium grained scapolite and kyanite, patches of extremely fine grained quartz, and disseminated grains of rutile. The seams show moderate to strong cataclastic deformation textures such as strained and recrystallized quartz, segmented kyanite grains, and warped muscovite seams and scapolite grains.

mineral	percentage	main grain size range (mm)
quartz	80-85%	0.02-0.05; 1.5-3.5 (one grain 8 mm long)
scapolite	8-10	0.3-0.8
muscovite	4- 5	0.1-0.3
kyanite	4- 5	0.8-2.5
rutile	0.3	0.03-0.1

Much of the sample consists of patches of medium to very coarse grained quartz that was strained slightly to moderately. It contains abundant, dusty opaque inclusions, and some grains contain fine twins. Some were recrystallized slightly to moderately to subgrain aggregates with slightly rotated extinction positions. This part of the sample has a pale yellow colour, but the reason for the colour is unknown. Quartz was strained and recrystallized along a few seams and in patches up to a few mm across to much finer, subgrain aggregates.

Muscovite is concentrated in wispy, warped seams up to 0.5 mm wide. Some seams broaden to 2 mm wide and contain elongate grains of kyanite in their cores.

Scapolite forms anhedral grains in patches up to a few mm across, in part associated with muscovite-rich seams and bordering kyanite grains. In some patches, grains were strained slightly to moderately.

Kyanite forms anhedral to subhedral, commonly elongate prismatic grains that are associated with muscovite and concentrated in a few bands parallel to foliation. Many grains are segmental along a basal parting and muscovite and quartz formed in the cracks where the segments were separated.

Rutile forms disseminated, equant grains that are concentrated in muscovite-rich bands and less commonly in patches of scapolite.

Sample 135530 Banded Quartz-Kyanite-Muscovite-(Barite) Foliate

The sample is a moderately banded foliate dominated by quartz with bands and patches rich in muscovite and kyanite. Some muscovite seams were contorted moderately to very strongly, whereas quartz generally has a submosaic texture. Kyanite was replaced slightly by muscovite and Mineral X, an unknown, probable clay mineral. Barite occurs in a patch 4 mm across intergrown with lesser quartz.

mineral	percentage	main grain size range (mm)	
quartz	83-85%	0.03-0.05; 0.1-0.3	
kyanite	7- 8	0.5-1.5	(a few up to 2 mm)
muscovite	5- 7	0.05-0.3	
barite	2- 3	0.1-0.3	
pyrite	0.3	0.01-0.05	(a few up to 0.1 mm)
rutile	0.1	0.01-0.02	

Much of the rock consists of submosaic aggregates of unoriented quartz grains (0.02-0.05 mm) that contain wispy seams of muscovite and disseminated flakes of muscovite. Many muscovite-rich seams were warped moderately to very strongly on the scale of 0.1-1 mm. These quartz-rich patches grade into slightly coarser grained patches of quartz with slightly to locally moderately sutured grain borders. A few patches and lenses up to 0.5 mm in size are of submosaic quartz grains averaging 0.01 mm in size; some of these probably were recrystallized during cataclastic deformation.

Kyanite forms anhedral, ragged, equant to prismatic grains, mainly associated with larger seams of muscovite and less commonly enclosed in patches of coarser grained quartz that generally are free of muscovite. In places it was replaced slightly by muscovite along grain borders and fractures. At the ends of a few large grains and in several small grains, it was replaced strongly to completely by Mineral X, an isotropic clay(?) material with low relief (R.I. <1.54).

A few irregular seams up to 1.5 mm wide contain moderately abundant to very abundant muscovite flakes intergrown with minor to moderately abundant quartz. Some of these contain abundant, ragged, prismatic grains of kyanite up to 2 mm long.

One patch 4 mm across contains abundant, anhedral barite grains intergrown with lesser quartz.

Pyrite forms disseminated, subhedral, equant grains in muscovite and in quartz and is concentrated in clusters up to 0.3 mm in size.

Rutile forms disseminated grains and clusters of grains, mainly associated with muscovite.

Sample 135531 **Quartz-Muscovite-Kyanite-(Pyrite) Schist**

The sample is a banded schist dominated by quartz with moderately abundant muscovite and kyanite and minor pyrite and rutile. Some kyanite grains were warped slightly to moderately.

mineral	percentage	main grain size range (mm)	
quartz	75-80%	0.05-0.1	(locally up to 0.2 mm)
kyanite	10-12	0.5-1.5	
muscovite	5- 7	0.05-0.2	
pyrite	2- 3	0.03-0.15	
rutile	0.3	0.03-0.2	

Quartz is concentrated in quartz-rich bands of slightly to moderately interlocking grain borders. A few lenses up to 1 mm long are of much finer grained quartz that may have been granulated and recrystallized during cataclastic deformation.

Kyanite is concentrated in bands and knots up to a few mm across of ragged, prismatic grains, some of which were warped slightly to moderately. Some grains were replaced moderately near their ends by Mineral X (as in Sample 135530) and some were replaced slightly by muscovite.

Muscovite is concentrated in muscovite-rich seams, most of which are less than 0.1 mm wide and is less concentrated in quartz-muscovite bands up to 1 mm wide. A few muscovite-rich seams were warped tightly.

Pyrite forms disseminated, anhedral grains and clusters of similar grains, mainly included in quartz and locally concentrated along margins of kyanite grains.

Rutile forms disseminated anhedral grains and a few rectangular grains up to 0.2 mm in size associate with pyrite and kyanite. One patch 0.4 mm across consists of subparallel, tabular rutile grains intergrown with quartz and muscovite.

One patch (possibly a fragment) 3 mm long consists of finer grained quartz than normal (0.02-0.05 mm) with 3-5% disseminated pyrite grains (0.01-0.04 mm).

A lens (possibly a fragment) 0.7 mm long consists of very fine grained quartz (0.01 mm) with 5% disseminated rutile.

Sample 135550 Quartz-(Barite-Kyanite-Muscovite-Rutile) Foliate

The sample is a moderately foliated rock dominated by quartz with interstitial barite and minor limonite/jarosite, and scattered grains of kyanite and associated seams of muscovite. A few grains are of a silvery white mineral with high reflectivity, possibly native silver or bismuth.

mineral	percentage	main grain size range (mm)	
quartz	93-95%	0.05-0.2	(a few up to 0.5 mm)
barite	4- 5	0.05-0.7	(a few up to 1.2 mm)
kyanite	1	0.3-0.8	
muscovite	0.3	0.05-0.1	
rutile	0.1	0.01-0.02	
limonite/jarosite	0.2	cryptocrystalline	
pyrite	trace	0.01-0.03	(a few grains up to 0.05 mm)
native silver/bismuth (?)	trace	0.02-0.03	

Quartz forms slightly interlocking, moderately elongate grains that define a moderate foliation.

Barite forms interstitial, in part skeletal grains, mainly from 0.3-1 mm in size that enclose quartz grains.

Kyanite forms scattered, anhedral grains, mainly associated with thin seams of muscovite. Some were replaced slightly by patches of quartz and of muscovite.

Muscovite is concentrated strongly in a few discontinuous seams up to 0.15 mm wide.

Rutile forms disseminated grains and clusters of a few to several grains. One patch 1.2 mm across consists of rutile with minor lenses of quartz oriented parallel to foliation. A lens 1.2 mm long consists of slightly finer grained quartz than normal (0.03-0.05 mm) with 5% disseminated rutile grains (0.01-0.03 mm).

Limonite/jarosite forms a few interstitial patches up to 0.2 mm in size.

Mineral Y is a silvery white mineral with high reflectivity that forms a few anhedral grains, in part associated with rutile. The reflectivity is too high for galena, suggesting that the mineral is native silver or bismuth.

Sample 87-5 **Quartz-Muscovite-(Pyrite) Schist**

The rock is a banded schist dominated by quartz and muscovite with moderately abundant, disseminated pyrite. Muscovite is concentrated moderately to strongly in bands parallel to a second foliation that produced tight warps in the primary foliation. Less abundant minerals include minor scapolite and rutile, and trace corundum.

mineral	percentage	main grain size range (mm)	
quartz	45-50%	0.05-0.1	(a few up to 0.2 mm)
muscovite	45-50	0.05-0.3	
pyrite	4- 5	0.05-0.3	(a few up to 0.7 mm)
scapolite	0.2	0.07-0.15	
rutile	0.2	0.005-0.02	
corundum	trace	0.1	

Quartz is concentrated in bands mainly from 0.2-0.5 mm wide that contain minor to moderately abundant muscovite and disseminated pyrite. In several places these bands (S1 foliation) were warped tightly between muscovite-rich bands, mainly from 0.05-0.3 mm wide, that define a second foliation (S2). A few lenses up to 1 mm long are of slightly coarser grained (0.05-0.15 mm) quartz with moderately interlocking grain borders.

Muscovite is concentrated strongly in muscovite-rich bands up to 1.5 mm wide. Locally these bands show internal folding with axial planes subparallel to the plane of the band.

Pyrite forms disseminated grains and trains of grains parallel to foliation in both quartz-rich bands and muscovite-rich bands. It also forms a few porphyroblastic grains up to 0.7 mm across.

Scapolite is concentrated in one lens 1.5 mm long by up to 0.5 mm wide as equant, anhedral grains intergrown coarsely with quartz and lesser pyrite.

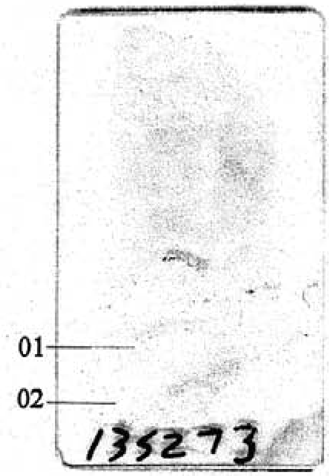
Rutile forms disseminated grains and is concentrated moderately in a few lenses up to 0.3 mm in size that contain abundant equant grains intergrown with quartz. It is more abundant in muscovite-rich layers than in quartz-rich layers.

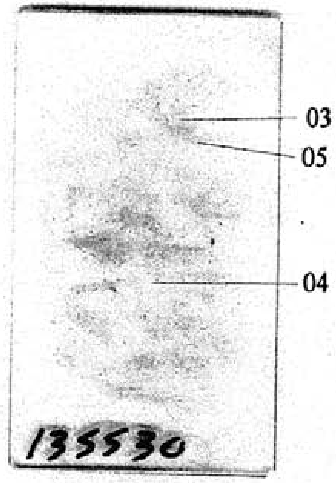
Corundum forms an anhedral, light blue, rectangular grain 0.1 mm long.

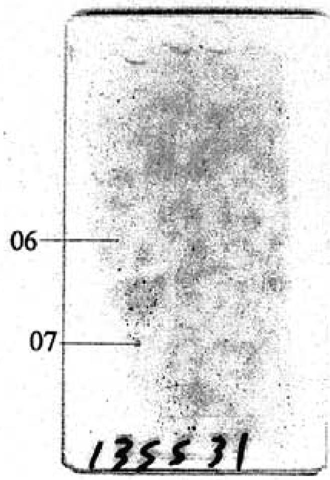
List of Photographs

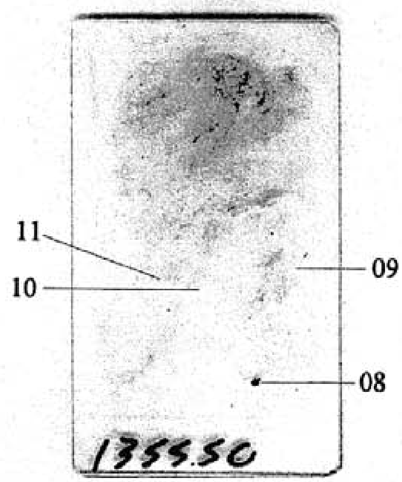
Photo	Sample	Description
01	135273	coarse grained patch of quartz cut by deformed seam containing muscovite, recrystallized extremely fine grained quartz, ragged kyanite grains (segmented with quartz between segments), minor scapolite, and disseminated rutile.
02	135273	to left: sheared zone of granulated and recrystallized quartz with lesser scapolite and seams and patches of muscovite; to right: less strongly sheared zone of coarser grained scapolite and quartz with ragged grain of kyanite (along the contact with the more strongly sheared zone), and disseminated rutile grains.
03	135530	strongly contorted band of muscovite (with minor disseminated rutile) in zone of submosaic quartz with minor disseminated flakes of sericite/muscovite.
04	135530	patch of barite-quartz with minor muscovite adjacent to a seam of muscovite with a lens of extremely fine grained quartz.
05	135530	band of kyanite grains (altered strongly in patches to Mineral X in the upper part of the photo, and replaced slightly by muscovite along fractures) intergrown with quartz and much less abundant muscovite.
06	135531	warped kyanite grain enclosed in quartz aggregate with slightly to moderately interlocking grain borders and minor flakes of muscovite.; several cavities, probably from kyanite plucked from the section during sample preparation.
07	135531	kyanite grains containing moderately abundant clusters of pyrite and rutile grains and scattered quartz and muscovite grains in a moderately foliated groundmass of quartz with seams and patches of muscovite. Kyanite was altered locally along grain borders to Mineral X.
08	135550	moderately foliated aggregate of elongate quartz grains with a large patch of rutile (intergrown slightly with quartz) and an irregular, interstitial patch of barite.
09	135550	quartz with interstitial limonite/jarosite and two patches of rutile and Mineral Y, a silvery white mineral that may be native silver or native bismuth.
10	135550	kyanite grain (replaced slightly by quartz and muscovite) bordered by clusters of muscovite in a moderately foliated groundmass of quartz with minor interstitial patches of barite.
11	135550	quartz schist with large, skeletal patch of interstitial barite.
12	87-5	contorted muscovite-quartz schist; with original foliation (S1) in quartz-(muscovite) bands folded tightly about muscovite-rich bands parallel to S2; minor disseminated pyrite.
13	87-5	lens of quartz-scapolite-pyrite in muscovite-rich sea; adjacent is finer grained, warped band of quartz with much less muscovite and a lens of coarser grained quartz.

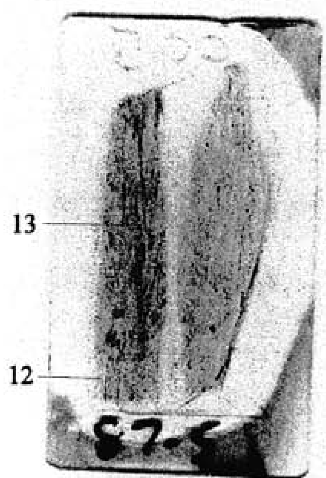
050789 Cumberland samples

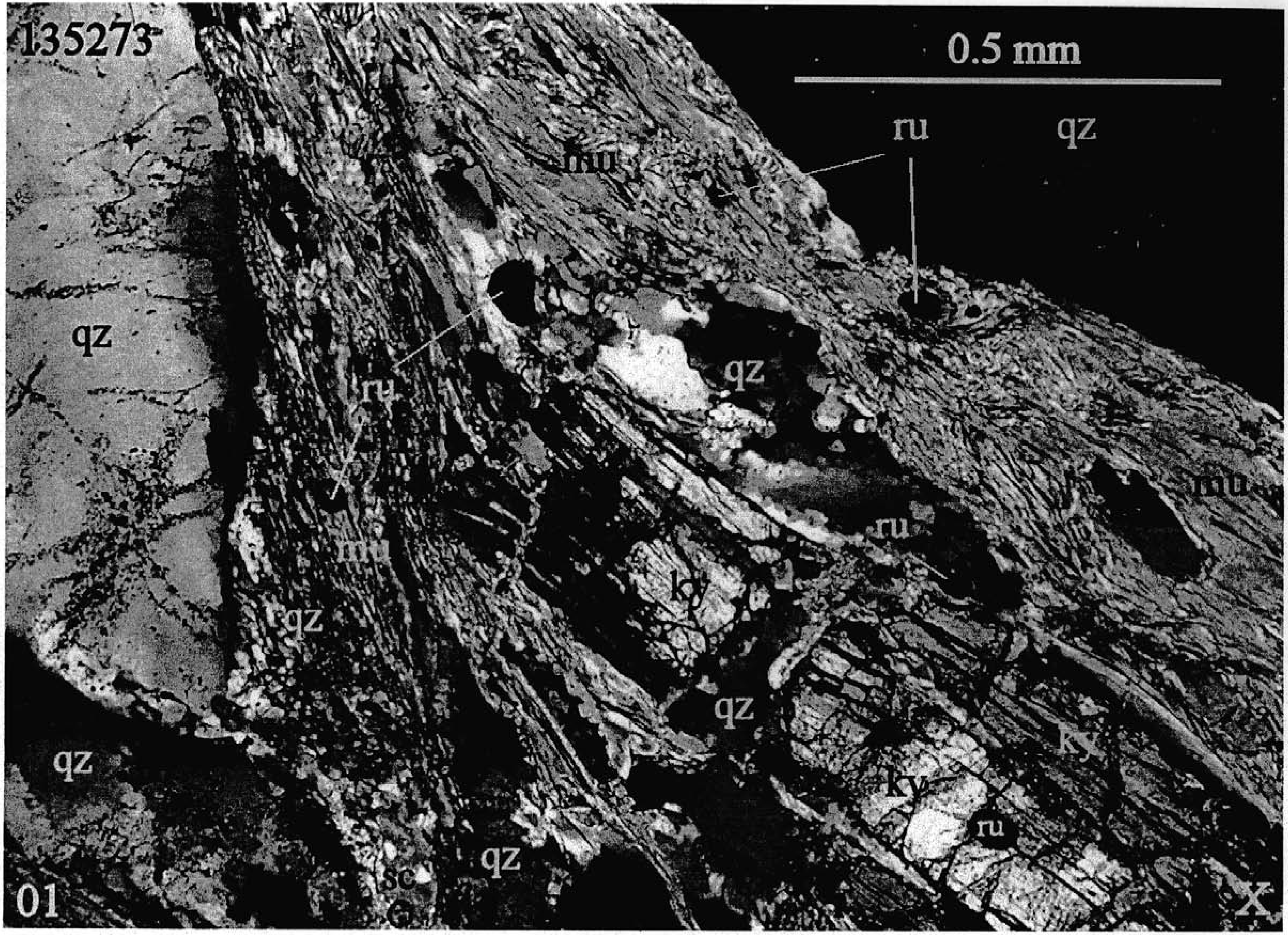








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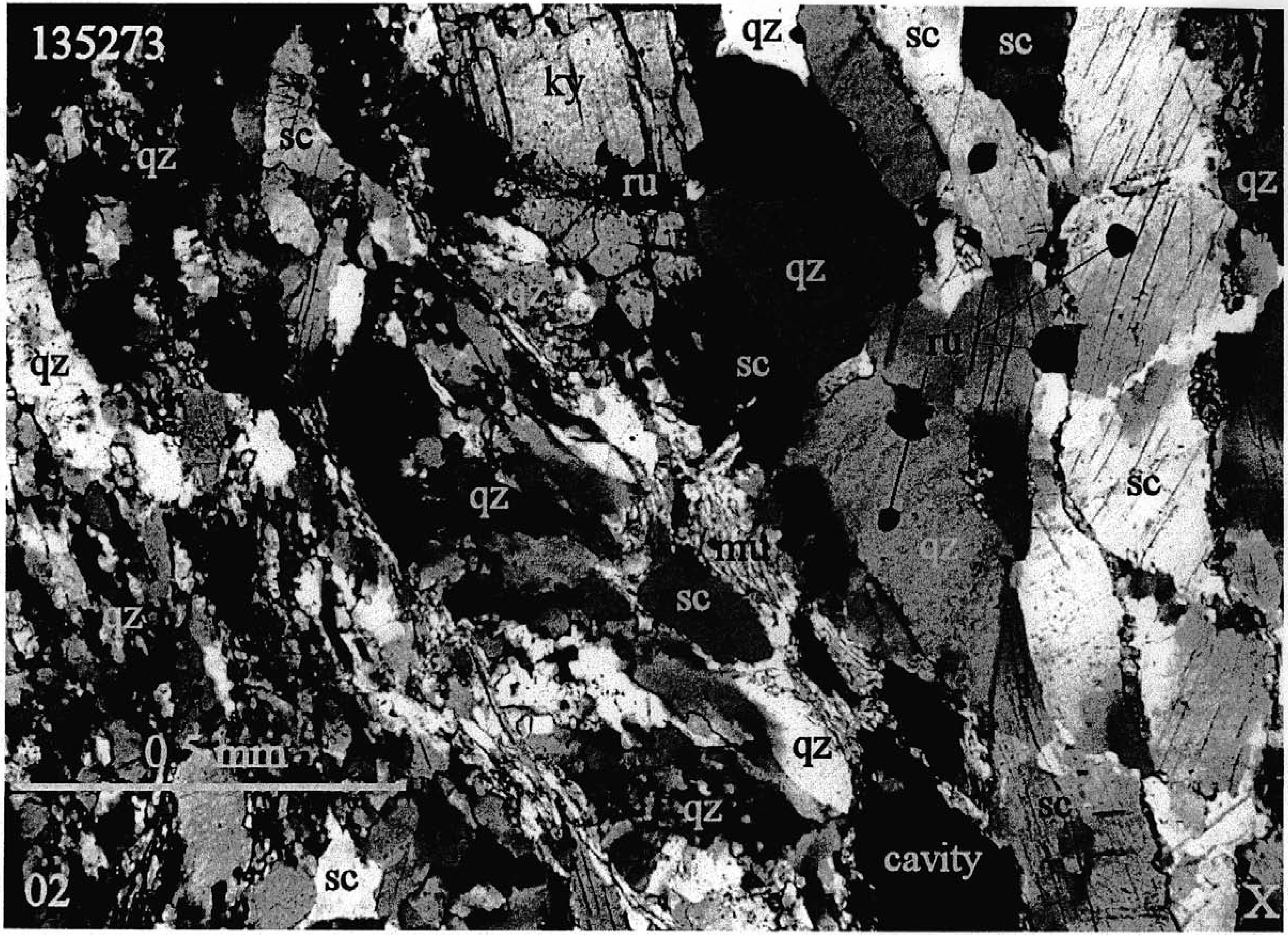
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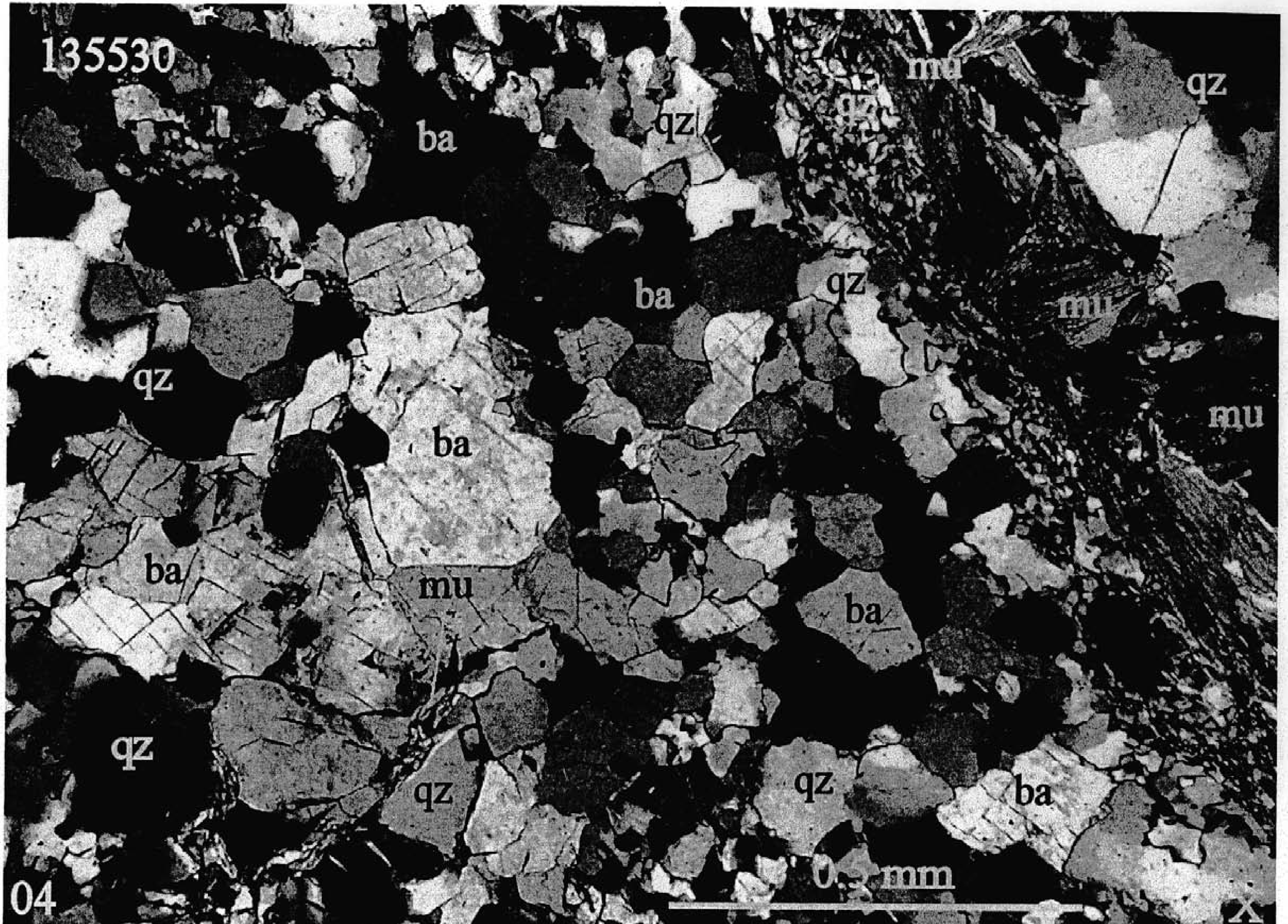
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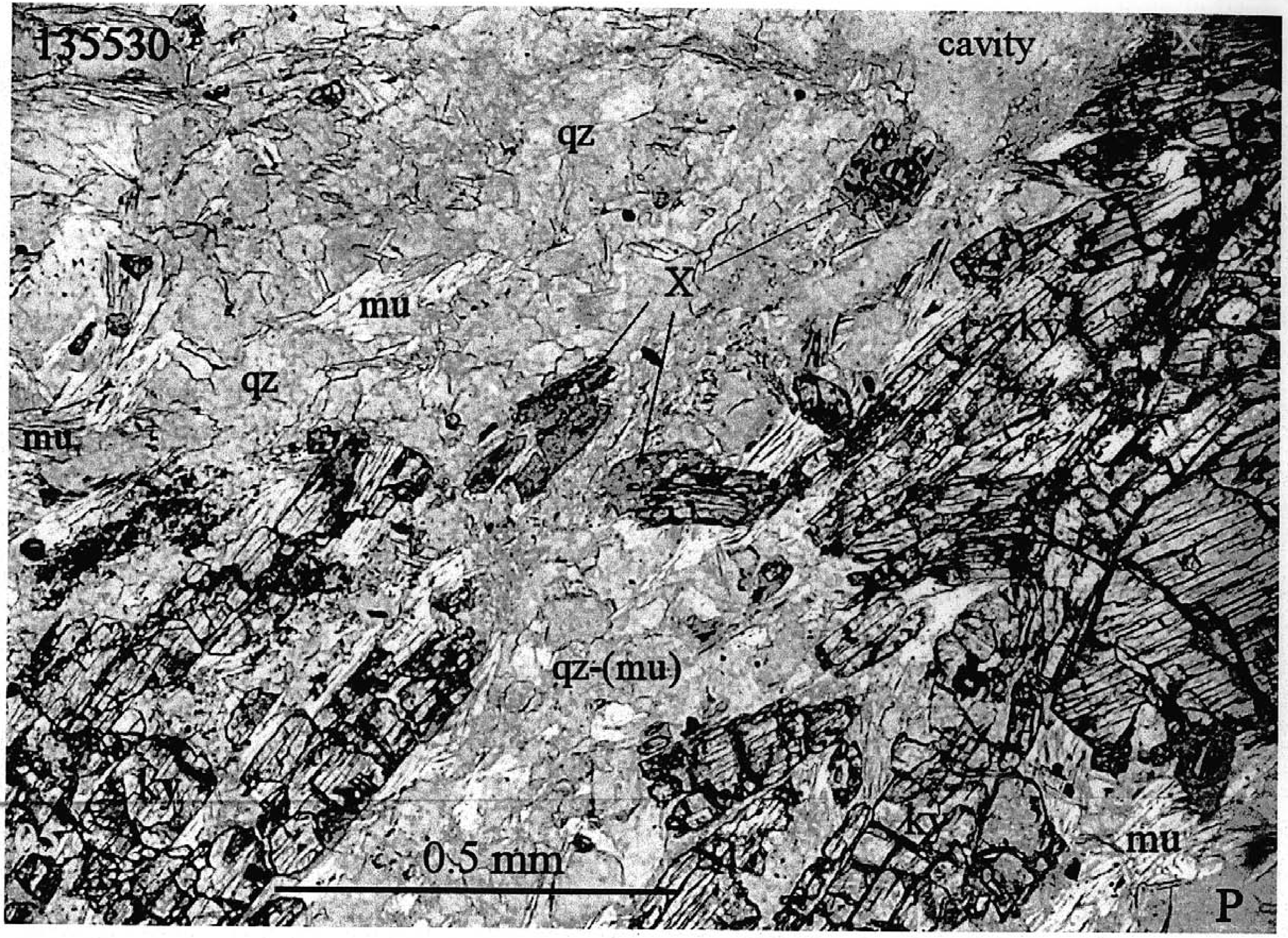
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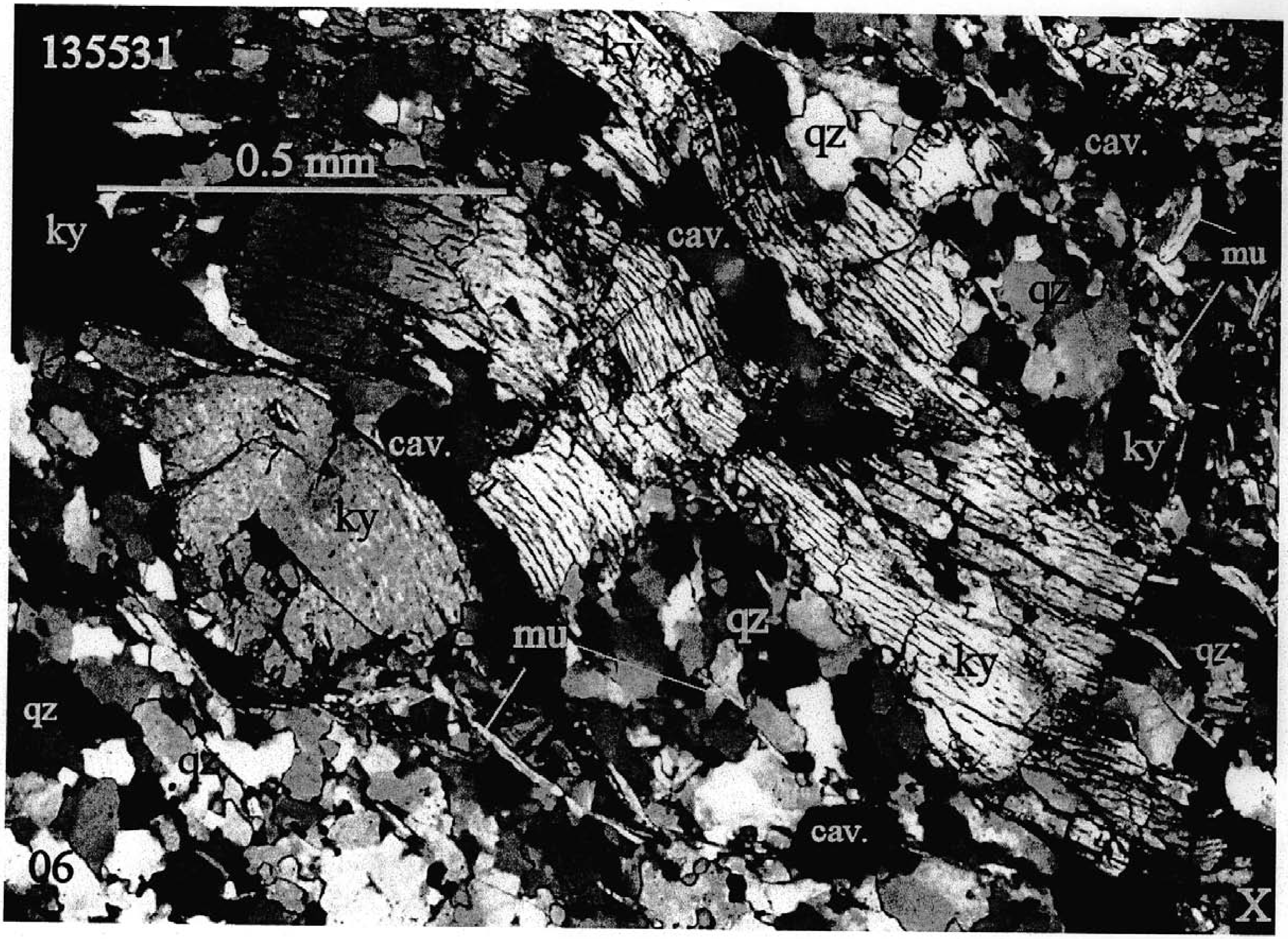

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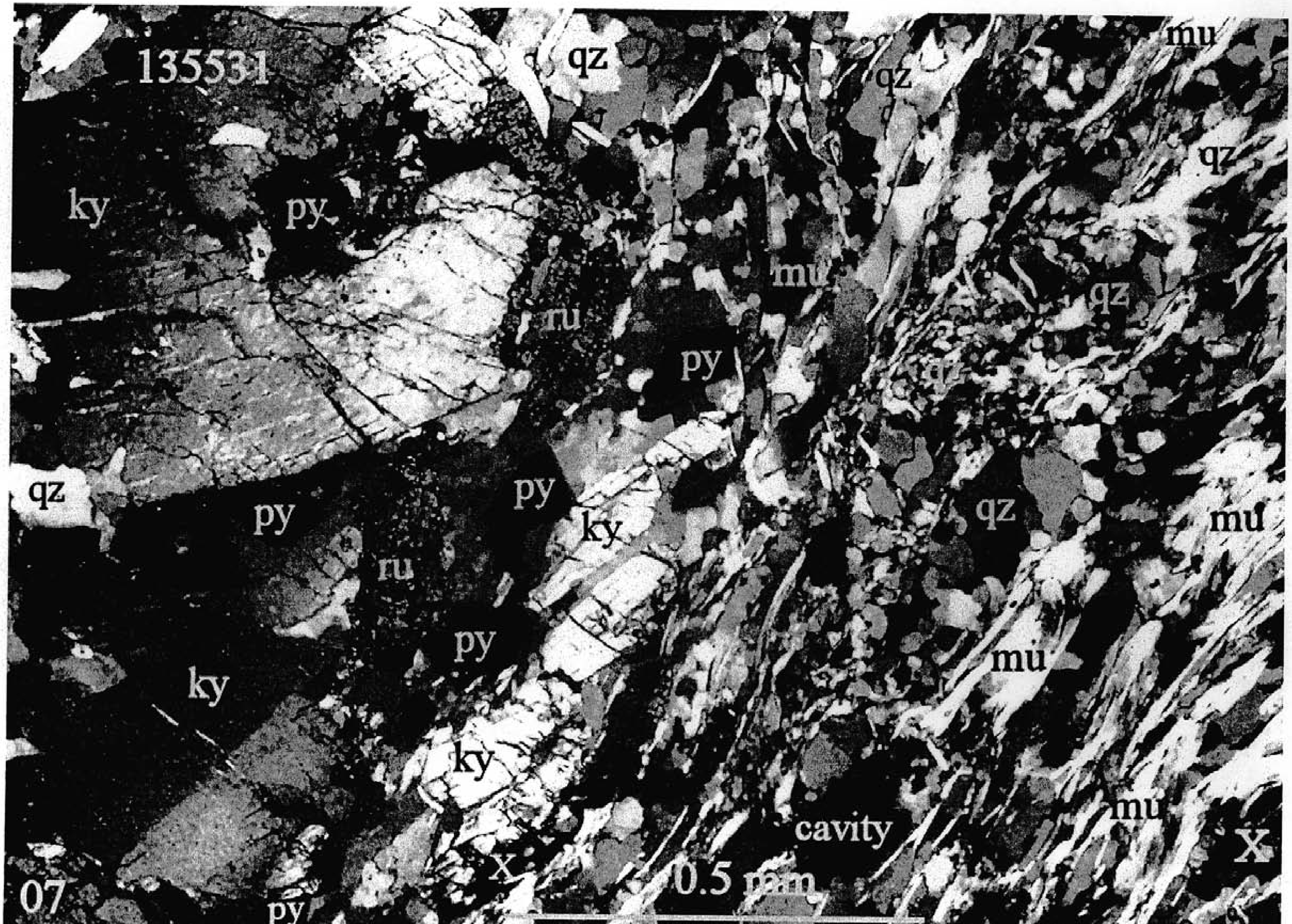

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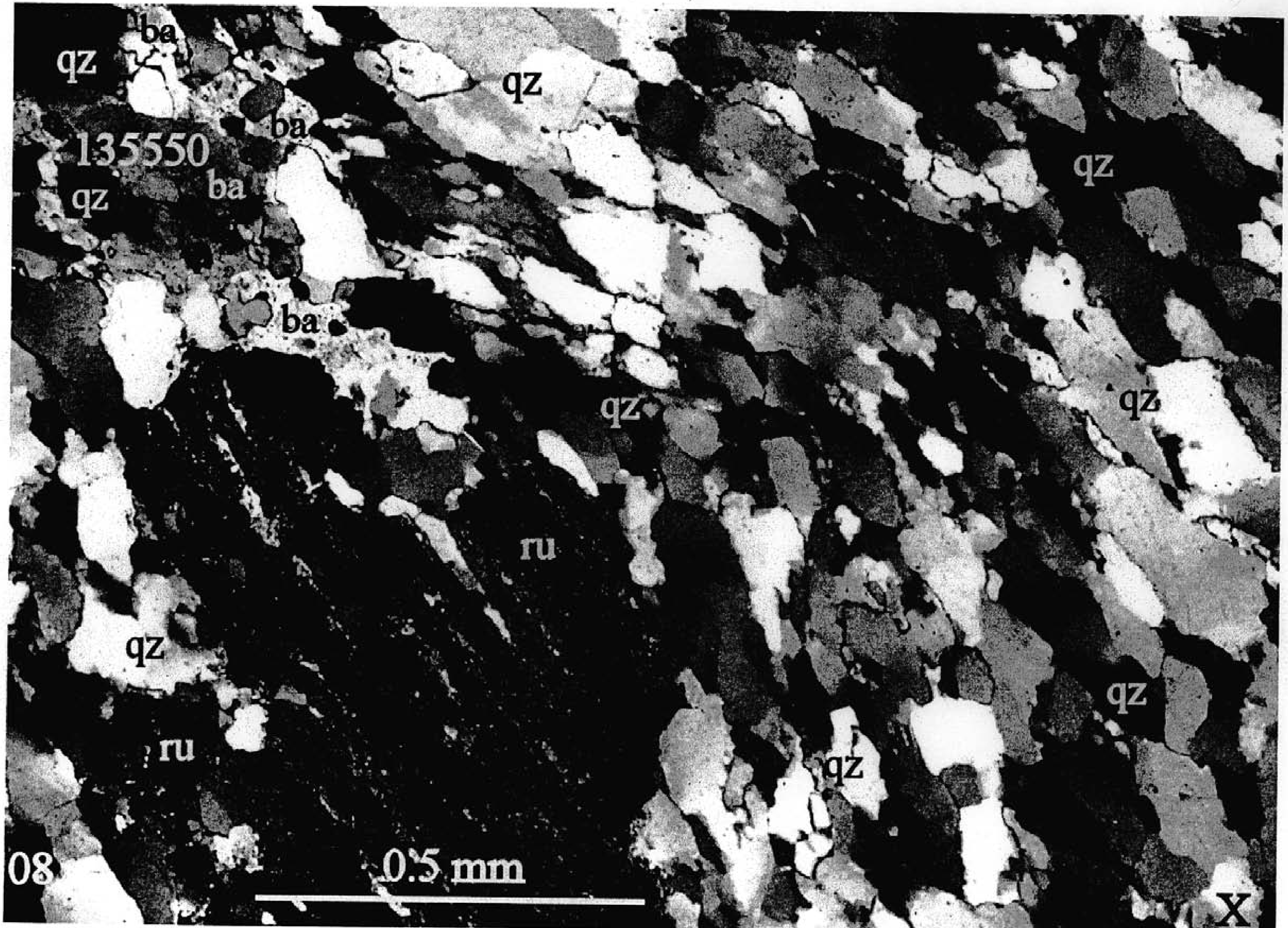

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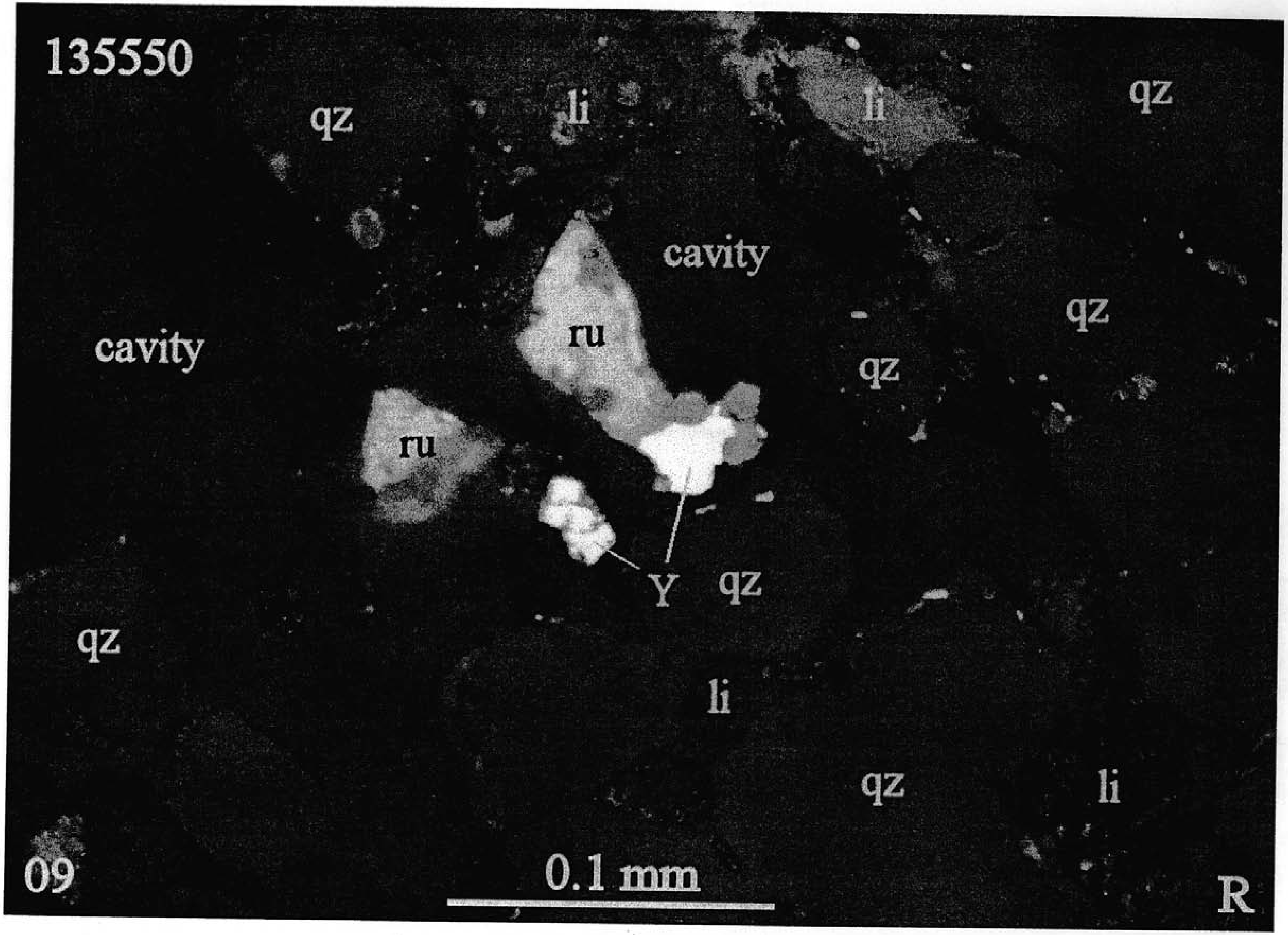
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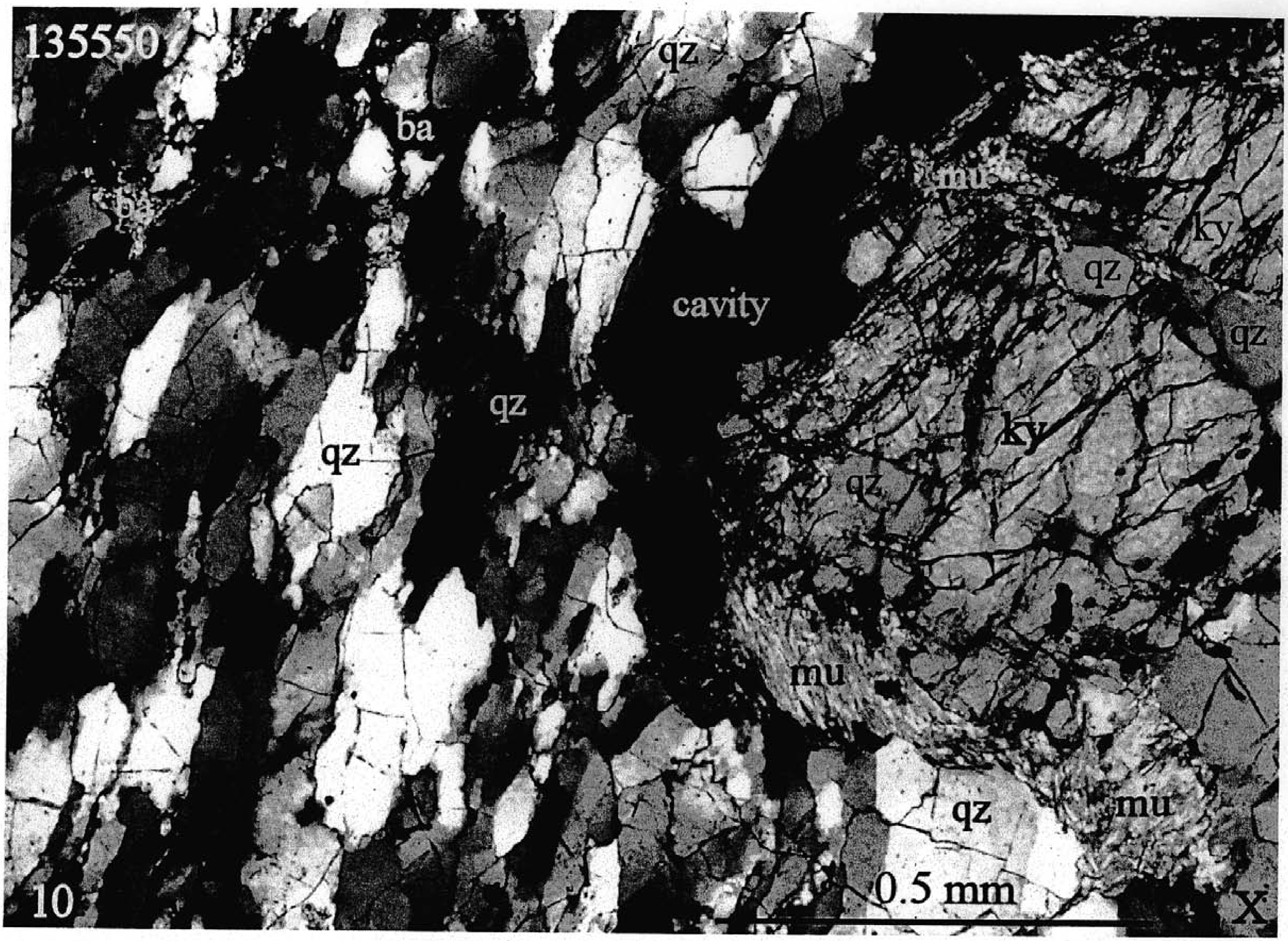
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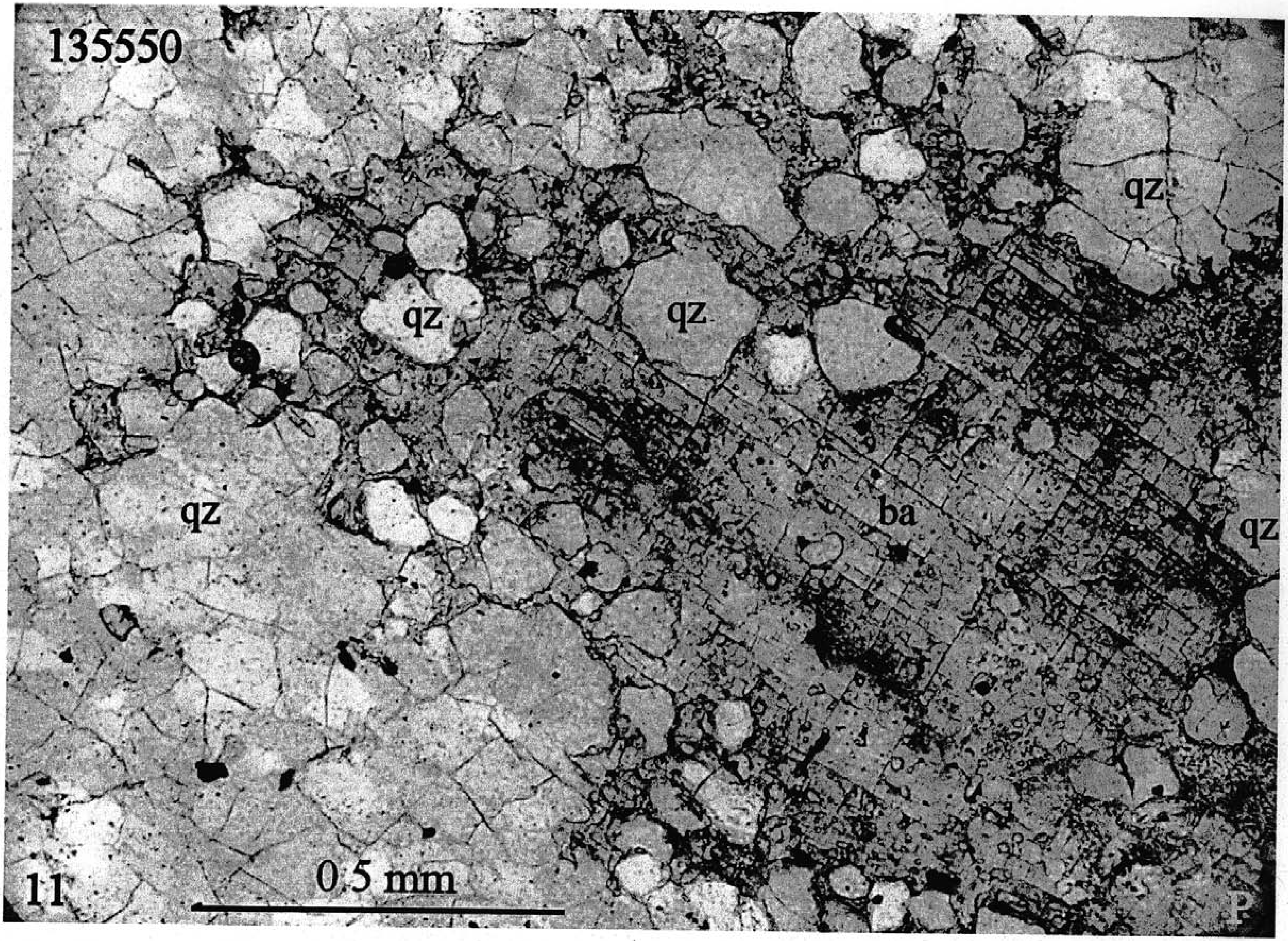
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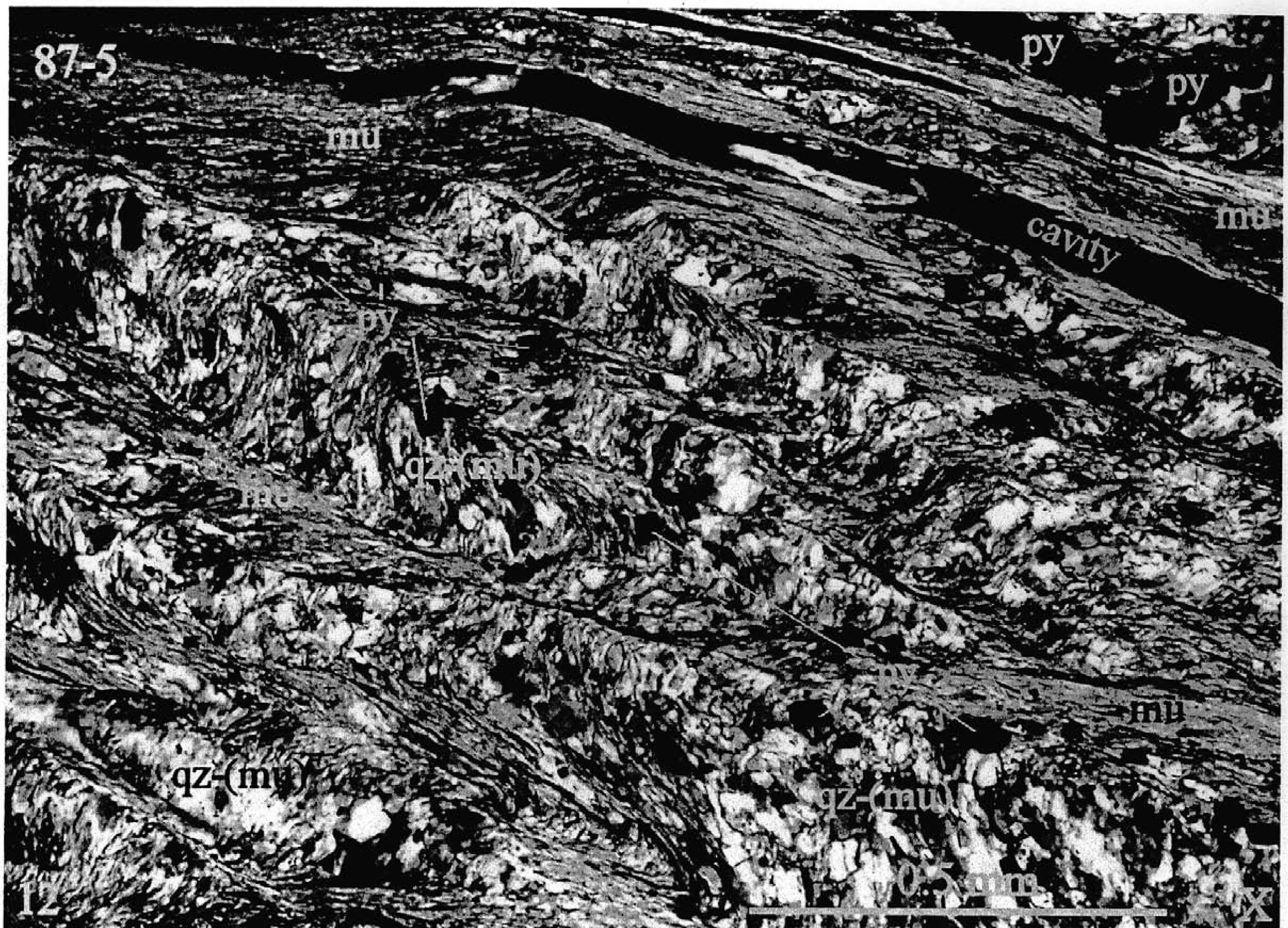

87-5
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87-5
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APPENDIX B

Analytical Methods

Method of Gold analysis by Fire Assay / AAS

(a) 10.00 to 30.00 grams of sample was weighed into a fusion pot which contained a combination of fluxes such as lead oxide, sodium carbonate, borax, silica flour, baking flour or potassium nitrate. After the sample and fluxes had been mixed thoroughly, some silver inquart and a thin layer of borax was added on top.

(b) The sample was then charged into a fire assay furnace at 2000 F for one hour, at this stage, lead oxide would be reduced to elemental lead and slowly sunken down to the bottom of the fusion pot and collected the gold and silver along the way.

(c) After one hour of fusion, the sample was then taken out and pour into a conical cast iron mould, the elemental lead which contained precious metals would stayed at the bottom of the mould and any unwanted materials called slag would floated on top and removed by hammering, a "lead button" is formed.

(d) The lead button was then put back in the furnace onto a preheated cupel for a second stage of separation, at 1650 F, the lead button became liquefied and absorbed by the cupel, but gold and silver which had higher melting points would stayed on top of the cupel.

(e) After 45 minutes of cupellation, the cupel was then taken out and cooled, the dore bead which contained precious metals was then transferred into a test tube and dissolved in hot Aqua Regia solution heated by a hot water bath.

(f) The gold in solution is determined with an Atomic Absorption spectrometer. The gold value, in parts-per-billion, or grams-per-tonne is calculated by comparison with a set of known gold standards.

QUALITY CONTROL

Every fusion of 24 pots contains 22 samples, one internal standard or blank, and a random reweigh of one of the samples. Samples with anomalous gold values greater than 1000 ppb are automatically checked by Fire Assay/AA methods. Samples with gold values greater than 10000 ppb are automatically checked by Fire Assay/Gravimetric methods.

Method of 30 element analysis by Aqua Regia digestion/ICP

(a) 0.50 grams of sample is digested with diluted Aqua Regia solution by heating in a hot water bath, at about 95 Celsius for 90 minutes, then cooled and bulked up to a fixed volume with de-mineralized water, and thoroughly mixed. Digested samples are let settled over night to separate residue from solution.

(b) The specific elements are determined using an Inductively Coupled Argon Plasma spectrophotometer. All elements are corrected for inter-element interference. All data are subsequently stored onto computer diskette.

QUALITY CONTROL

The machine is first calibrated using three known standards and a blank. The test samples are then run in batches.

A sample batch consists of 38 or less samples. Two tubes are placed before a set. These are an In-house standard and an acid blank, which are both digested with the samples. A known standard with characteristics best matching the samples is chosen and placed after every fifteenth sample. After every 38th sample (not including standards), two samples, chosen at random, are re-weighed and analyzed. At the end of a batch, the standard and blank used at the beginning is rerun. The readings for these knowns are compared with the pre-rack knowns to detect any calibration drift.

Note: Some elements may not be completely digested by Aqua Regia,
Please refer to our price brochure.

I:\analytical method\icpaqr

Method of Barium analysis by Multi-acid digestion/ICP

(a) 0.25 to 1.0 grams of sample is weighed accurately and transferred into a teflon beaker, HCl, HNO3, HCLO4 and HF acid solutions are added and digested on hot plate until dryness, re-boil with 80 ml of 10 % HCl for 10 minutes and let cooled, bulked up to a fixed volume with de-mineralized water, and thoroughly mixed.

(b) The specific elements such as Barium is determined by using an Inductively Coupled Plasma spectrophotometer. An inter-element correction is applied to eliminate any interference from other elements. All data are subsequently stored onto computer diskette.

QUALITY CONTROL

The machine is first calibrated using three known standards and a blank. The test samples are then run in batches.

A sample batch consists of 38 or less samples. Two tubes are placed before a set. These are an In-house standard and an acid blank, which are both digested with the samples. A known standard with characteristics best matching the samples is chosen and placed after every fifteenth sample. After every 38th sample (not including standards), two samples, chosen at random, are re-weighed and analyzed. At the end of a batch, the standard and blank used at the beginning is rerun. The readings for these known are compared with the pre-rack known to detect any calibration drift.

APPENDIX C

Assay Certificates

CERTIFICATE OF ANALYSIS
iPL 05I2004

INTERNATIONAL PLASMA LABS LTD.
ISO 9001:2000 CERTIFIED COMPANY

11620 Horseshoe Way
Richmond, BC
Canada V7A 4V5
Phone (604) 879-7878
Fax (604) 879-7898
Website www.ipl.ca

Cumberland Resources Ltd. | 39 Samples | Print: Feb 10, 2006 In: Sep 14, 2005 | [200413:53:49:60021006:002]

Project : Fire Creek
Shipper : Andrew Hamilton
Shipment: FC-3 PO#:
Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B11100	39	Soil	Dry & sift to -80 mesh, discard reject.	12M/Dis	00M/Dis
B84100	2	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90010	1	Std iPL	Std iPL(Au Certified) - no charge		

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

1 Cumberland Resources Ltd.
950 - 505 Burrard St. Box 72
Vancouver,
BC V7X 1M4
Canada
Att: Andrew Hamilton
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Fx:604/608-2559
Em:ahamilton@cumberlandresources.com

EN	RT	CC	IN	FX
1	2	1	0	1
DL	3D	EM	BT	BL
0	0	1	0	0

2 Cumberland Resources Ltd.
950 - 505 Burrard St. Box 72
Vancouver
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Att: Kerry Curtis
Ph:604/608-2557
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Em:kcurtis@cumberlandresources.com

EN	RT	CC	IN	FX
1	2	1	0	0
DL	3D	EM	BT	BL
0	0	1	0	0

3 Cumberland Resources Ltd.
Att: Roger March
Ph:604/881-6736
Fx:604/881-8372
Em:rmarch@cumberlandresources.com

EN	RT	CC	IN	FX
0	0	0	0	0
DL	3D	EM	BT	BL
0	0	1	0	0

4 Cumberland Resources Ltd.

EN	RT	CC	IN	FX
0	0	0	0	0
DL	3D	EM	BT	BL
0	0	1	0	0

Att: Gordon Davidson **Ph:604-881-6736**
Fx:604-881-8372
Em:gdavidson@cumberlandresources.com

Analytical Summary

Analysis: ICP(AqR)30 Ba(MuAc) / Au(FA/AAS 30) Au(FA/Grav)Au>1.0g/mt

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0368	FA/AAS	g/mt	Au (FA/AAS 30g) g/mt	Gold	0.01	5000.00
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	5000.00
03	0503	AsyMuA	ppm	Ba Multi Acid/AAS	Barium	10	10000
04	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
05	0711	ICP	ppm	Cu ICP	Copper	1	10000
06	0714	ICP	ppm	Pb ICP	Lead	2	10000
07	0730	ICP	ppm	Zn ICP	Zinc	1	10000
08	0703	ICP	ppm	As ICP	Arsenic	5	10000
09	0702	ICP	ppm	Sb ICP	Antimony	5	2000
10	0732	ICP	ppm	Hg ICP	Mercury	3	10000
11	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
12	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
13	0705	ICP	ppm	Bi ICP	Bismuth	2	2000
14	0707	ICP	ppm	Cd ICP	Cadmium	0.2	2000.0
15	0710	ICP	ppm	Co ICP	Cobalt	1	10000
16	0718	ICP	ppm	Ni ICP	Nickel	1	10000
17	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
18	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
19	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
20	0729	ICP	ppm	V ICP (Incomplete Digestion)	Vanadium	1	10000
21	0716	ICP	ppm	Mn ICP	Manganese	1	10000
22	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
23	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
24	0731	ICP	ppm	Zr ICP (Incomplete Digestion)	Zirconium	1	10000
25	0736	ICP	ppm	Sc ICP	Scandium	1	10000
26	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	10.00
27	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
28	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
29	0712	ICP	%	Fe ICP (Incomplete Digestion)	Iron	0.01	10.00
30	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
31	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
32	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	10.00
33	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

EN=Envelope # RT=Report Style CC=Copies IN=Invoices Fx=Fax(1=Yes 0=No) Totals: 2=Copy 0=Invoice 0=3½ Disk
DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C034106020703
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

iPL

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CERTIFICATE OF ANALYSIS
iPL 05I2004

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Canada V7A 4V5
Phone (604) 879-7878
Fax (604) 879-7898
Website www.ipl.ca

Client : Cumberland Resources Ltd.
Project: Fire Creek

39 Samples

Ship#FC-3 39=Soil 2=Repeat 1=Blk iPL 1=Std iPL [200413:53:49:60021006:002]

Print: Feb 10, 2006
In: Sep 14, 2005

Sample Name	Type	Au g/mt	Au g/mt	Ba ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
5000E 4950N	Soil	0.01	—	563	0.2	60	8	94	<5	<5	<3	5	<10	<2	<0.2	15	10	89	<5
5000E 4975N	Soil	0.01	—	532	0.2	32	5	91	<5	<5	<3	4	<10	<2	<0.2	9	4	64	<5
5000E 5000N	Soil	0.01	—	830	0.2	10	5	23	<5	<5	<3	2	<10	<2	<0.2	5	<1	204	<5
5000E 5025N	Soil	<0.01	—	1549	0.4	5	16	21	6	<5	<3	1	<10	<2	<0.2	1	<1	57	<5
5000E 5050N	Soil	0.01	—	605	<0.1	5	4	10	<5	<5	<3	1	<10	<2	<0.2	2	<1	21	<5
5000E 5075N	Soil	0.01	—	664	<0.1	12	14	31	<5	<5	<3	2	<10	<2	<0.2	4	3	44	<5
5000E 5100N	Soil	<0.01	—	378	<0.1	28	<2	83	<5	<5	<3	4	<10	<2	<0.2	19	9	50	<5
5100E 4900N	Soil	0.01	—	530	<0.1	15	3	50	<5	<5	<3	5	<10	<2	<0.2	11	3	38	<5
5100E 4925N	Soil	<0.01	—	571	<0.1	32	<2	170	<5	<5	<3	7	<10	<2	<0.2	20	9	156	<5
5100E 4950N	Soil	<0.01	—	504	0.2	32	3	97	<5	<5	<3	4	<10	<2	<0.2	8	4	72	<5
5100E 4975N	Soil	<0.01	—	942	<0.1	5	4	12	<5	<5	<3	2	<10	<2	<0.2	<1	<1	34	<5
5100E 5000N	Soil	<0.01	—	488	<0.1	16	<2	51	<5	<5	<3	2	<10	<2	<0.2	5	<1	48	<5
5100E 5025N	Soil	0.01	—	467	<0.1	78	<2	122	<5	<5	<3	9	<10	<2	<0.2	12	5	68	<5
5100E 5050N	Soil	0.01	—	553	<0.1	37	<2	60	<5	<5	<3	3	<10	<2	<0.2	12	8	74	<5
5100E 5075N	Soil	<0.01	—	381	<0.1	8	<2	32	<5	<5	<3	1	<10	<2	<0.2	7	<1	57	<5
5100E 5100N	Soil	<0.01	—	501	<0.1	23	<2	53	<5	<5	<3	3	<10	<2	<0.2	8	4	33	<5
5200E 4875N	Soil	0.01	—	559	<0.1	48	<2	83	<5	<5	<3	4	<10	<2	<0.2	11	10	94	<5
5200E 4900N	Soil	0.01	—	583	<0.1	31	5	80	<5	<5	<3	4	<10	<2	<0.2	8	<1	104	<5
5200E 4925N	Soil	<0.01	—	614	<0.1	18	8	92	<5	<5	<3	3	<10	<2	<0.2	8	6	137	<5
5200E 4950N	Soil	<0.01	—	499	<0.1	10	3	37	<5	<5	<3	2	<10	<2	<0.2	5	3	73	<5
5200E 4975N	Soil	0.02	—	459	<0.1	15	8	44	<5	<5	<3	3	<10	<2	<0.2	6	<1	67	<5
5200E 5000N	Soil	0.01	—	466	<0.1	4	2	23	<5	<5	<3	2	<10	<2	<0.2	4	<1	30	<5
5200E 5025N	Soil	<0.01	—	522	<0.1	31	<2	77	<5	<5	<3	4	<10	<2	<0.2	12	9	73	<5
5200E 5050N	Soil	0.01	—	544	<0.1	29	9	88	<5	<5	<3	3	<10	<2	<0.2	14	9	195	<5
5200E 5075N	Soil	0.01	—	508	<0.1	19	<2	74	<5	<5	<3	3	<10	<2	<0.2	9	3	49	<5
5300E 4875N	Soil	0.01	—	485	<0.1	50	<2	122	<5	<5	<3	4	<10	<2	<0.2	15	7	99	<5
5300E 4900N	Soil	0.01	—	549	<0.1	8	<2	59	<5	<5	<3	2	<10	<2	<0.2	5	3	45	<5
5300E 4925N	Soil	<0.01	—	926	<0.1	21	<2	90	<5	<5	<3	6	<10	<2	<0.2	4	<1	77	<5
5300E 4950N	Soil	0.02	—	602	<0.1	16	3	122	<5	<5	<3	3	<10	<2	<0.2	9	7	144	<5
5300E 4975N	Soil	0.01	—	501	<0.1	32	<2	63	<5	<5	<3	4	<10	<2	<0.2	11	6	61	<5
5300E 5000N	Soil	<0.01	—	497	<0.1	17	4	76	<5	<5	<3	2	<10	<2	<0.2	9	5	51	<5
5300E 5025N	Soil	0.01	—	585	<0.1	21	4	69	<5	<5	<3	3	<10	<2	<0.2	7	4	57	<5
5300E 5050N	Soil	0.01	—	735	<0.1	7	<2	58	<5	<5	<3	3	<10	<2	<0.2	9	<1	26	<5
5400E 4900N	Soil	0.01	—	501	<0.1	17	<2	181	<5	<5	<3	3	<10	<2	<0.2	18	6	59	<5
5400E 4925N	Soil	<0.01	—	515	<0.1	35	<2	92	<5	<5	<3	3	<10	<2	<0.2	11	7	65	<5
5400E 4950N	Soil	0.01	—	508	<0.1	23	<2	67	<5	<5	<3	4	<10	<2	<0.2	10	6	40	<5
5400E 4975N	Soil	<0.01	—	554	<0.1	9	<2	45	<5	<5	<3	2	<10	<2	<0.2	6	3	30	<5
5400E 5000N	Soil	<0.01	—	502	<0.1	7	4	28	<5	<5	<3	2	<10	<2	<0.2	4	3	22	<5
5400E 5025N	Soil	<0.01	—	742	<0.1	7	<2	59	<5	<5	<3	3	<10	<2	<0.2	9	5	46	<5
Minimum Detection		0.01	0.07	10	0.1	1	2	1	5	5	3	1	10	2	0.2	1	1	2	5
Maximum Detection		5000.00	5000.00	10000	100.0	10000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000
Method		FA/AAS	FAGrav	AsyMuA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

— =No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
iPL 05I2004

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Phone (604) 879-7878
Fax (604) 879-7898
Website www.ipl.ca

Client : Cumberland Resources Ltd.
Project: Fire Creek Ship#FC-3

39 Samples
39=Soil 2=Repeat 1=Blk iPL 1=Std iPL [200413:53:49:60021006:002]

Print: Feb 10, 2006
In: Sep 14, 2005

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5000E 4950N	14	61	573	4	21	2	4	0.10	2.51	0.27	3.37	0.88	0.06	0.04	0.08
5000E 4975N	13	49	546	4	13	2	2	0.06	2.52	0.16	2.82	0.38	0.04	0.03	0.13
5000E 5000N	6	42	166	3	21	<1	2	0.08	1.14	0.19	1.46	0.34	0.04	0.03	0.03
5000E 5025N	2	26	87	<2	5	<1	<1	0.01	0.67	0.02	0.70	0.17	0.03	0.03	0.02
5000E 5050N	4	27	68	3	13	<1	<1	0.07	0.54	0.17	0.64	0.08	0.02	0.03	0.01
5000E 5075N	6	44	115	3	11	2	1	0.06	1.11	0.12	1.79	0.22	0.03	0.03	0.04
5000E 5100N	10	143	383	<2	12	3	1	0.20	2.76	0.13	4.87	1.26	0.03	0.03	0.05
5100E 4900N	11	74	331	3	17	<1	2	0.12	1.36	0.24	2.66	0.48	0.04	0.03	0.02
5100E 4925N	16	91	287	4	17	2	2	0.17	2.43	0.25	3.98	0.52	0.04	0.03	0.06
5100E 4950N	12	64	267	3	10	2	2	0.10	2.00	0.10	3.20	0.49	0.03	0.04	0.13
5100E 4975N	2	18	85	<2	4	<1	<1	<0.01	0.54	0.04	0.82	0.14	0.02	0.03	0.01
5100E 5000N	8	43	176	3	13	1	2	0.09	1.40	0.14	1.76	0.30	0.03	0.03	0.04
5100E 5025N	17	69	281	4	14	8	2	0.13	4.03	0.18	5.22	0.39	0.04	0.03	0.08
5100E 5050N	15	65	1297	3	18	1	3	0.10	2.02	0.22	3.05	0.70	0.07	0.04	0.12
5100E 5075N	12	66	1441	3	12	<1	1	0.10	0.81	0.19	1.73	0.23	0.03	0.04	0.01
5100E 5100N	11	59	273	3	9	2	1	0.09	2.15	0.08	2.70	0.54	0.02	0.03	0.03
5200E 4875N	15	66	414	3	13	2	2	0.10	2.22	0.15	3.33	0.66	0.05	0.04	0.07
5200E 4900N	13	55	518	3	14	1	2	0.05	1.96	0.11	2.93	0.80	0.04	0.03	0.12
5200E 4925N	13	53	454	3	12	3	2	0.08	2.23	0.12	2.81	0.52	0.04	0.03	0.12
5200E 4950N	9	44	212	3	11	1	1	0.07	1.03	0.13	1.78	0.34	0.03	0.03	0.02
5200E 4975N	11	48	335	4	13	1	2	0.07	1.63	0.13	2.28	0.34	0.05	0.03	0.21
5200E 5000N	6	32	140	3	11	<1	1	0.06	0.76	0.12	1.27	0.27	0.02	0.03	0.03
5200E 5025N	16	62	438	4	20	2	3	0.10	2.26	0.24	3.29	0.75	0.06	0.05	0.11
5200E 5050N	22	60	5071	3	59	<1	2	0.06	1.91	0.87	3.06	0.83	0.06	0.04	0.11
5200E 5075N	12	60	399	3	16	1	2	0.07	1.67	0.18	2.86	0.63	0.04	0.03	0.10
5300E 4875N	15	69	1601	5	13	1	2	0.09	1.77	0.13	3.66	0.64	0.03	0.03	0.10
5300E 4900N	9	53	625	2	7	<1	1	0.03	1.65	0.08	2.53	1.04	0.02	0.02	0.08
5300E 4925N	9	45	491	5	8	1	1	0.01	2.13	0.05	3.97	0.85	0.03	0.02	0.09
5300E 4950N	12	49	2012	4	11	2	2	0.08	1.74	0.12	2.50	0.42	0.05	0.04	0.15
5300E 4975N	18	63	1082	4	12	2	2	0.12	2.68	0.12	3.04	0.58	0.04	0.03	0.10
5300E 5000N	12	50	471	4	14	2	2	0.09	2.20	0.16	2.47	0.49	0.04	0.03	0.08
5300E 5025N	10	50	255	6	14	3	2	0.08	2.29	0.12	2.50	0.46	0.03	0.03	0.11
5300E 5050N	4	37	213	2	11	<1	<1	0.07	1.53	0.10	1.99	0.95	0.03	0.03	0.02
5400E 4900N	11	64	1570	2	12	1	2	0.09	2.28	0.12	3.59	1.54	0.04	0.03	0.07
5400E 4925N	16	71	691	2	13	2	2	0.08	2.25	0.14	2.99	0.69	0.03	0.02	0.10
5400E 4950N	15	62	251	4	10	4	2	0.10	2.62	0.11	2.84	0.44	0.03	0.03	0.06
5400E 4975N	8	42	305	<2	6	1	1	0.05	1.54	0.07	1.88	0.60	0.02	0.03	0.05
5400E 5000N	7	35	158	3	6	1	<1	0.06	0.96	0.07	1.39	0.27	0.02	0.03	0.02
5400E 5025N	11	42	295	<2	28	<1	1	0.08	1.39	0.19	1.87	1.08	0.04	0.03	0.03
Minimum Detection	1	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Cumberland Resources Ltd. **39 Samples**
Project: Fire Creek Ship#FC-3 39=Soil 2=Repeat 1=Blk iPL 1=Std iPL [200413:53:49:60021006:002]

Print: Feb 10, 2006
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Sample Name	Type	Au g/mt	Au g/mt	Ba ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
RE 5000E 4950N	Repeat	0.01	—	557	0.2	60	8	96	<5	<5	<3	5	<10	<2	<0.2	16	6	89	<5
RE 5200E 4950N	Repeat	<0.01	—	508	<0.1	10	4	40	<5	<5	<3	2	<10	<2	<0.2	7	4	76	<5
Blank iPL	Blk iPL	<0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA GS1B	Std iPL	1.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA GS1B REF	Std iPL	1.02	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.01	0.07	10	0.1	1	2	1	5	5	3	1	10	2	0.2	1	1	2	5
Maximum Detection		5000.00	5000.00	10000	100.0	10000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000
Method		FA/AAS	FAGrav	AsyMuA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Cumberland Resources Ltd. 39 Samples
Project: Fire Creek Ship#FC-3 39=Soil 2=Repeat 1=Blk iPL 1=Std iPL [200413:53:49:60021006:002]

Print: Feb 10, 2006
In: Sep 14, 2005

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
RE 5000E 4950N	14	62	585	5	24	2	4	0.12	2.58	0.31	3.42	0.90	0.08	0.05	0.08
RE 5200E 4950N	10	49	247	4	17	2	2	0.10	1.03	0.15	1.82	0.39	0.04	0.04	0.03
Blank iPL	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA GS1B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA GS1B REF	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection	1	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Cumberland Resources Ltd. 14 Samples Print: Feb 10, 2006 In: Sep 14, 2005 [199313:53:31:60021006:002]

Project : Fire Creek
Shipper : Andrew Hamilton
Shipment: FC-4 PO#:
Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B22100	14	Core	Crush, split & pulverize to -150 Mesh.	12M/Dis	03M/Dis
B84100	1	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90010	1	Std iPL	Std iPL(Au Certified) - no charge		

NS=No Sample Rep=Replicate M=Month Dis=Discard

Analytical Summary

Analysis: ICP(AqR)30 Ba(MuAc) / Au(FA/AAS 30) Au(FA/Grav)Au>1.0g/mt

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0368	FA/AAS	g/mt	Au (FA/AAS 30g) g/mt	Gold	0.01	5000.00
02	0364	FAGrav	g/mt	Au FA/Grav in g/mt	Gold	0.07	5000.00
03	0503	AsyMuA	ppm	Ba Multi Acid/AAS	Barium	10	10000
04	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
05	0711	ICP	ppm	Cu ICP	Copper	1	10000
06	0714	ICP	ppm	Pb ICP	Lead	2	10000
07	0730	ICP	ppm	Zn ICP	Zinc	1	10000
08	0703	ICP	ppm	As ICP	Arsenic	5	10000
09	0702	ICP	ppm	Sb ICP	Antimony	5	2000
10	0732	ICP	ppm	Hg ICP	Mercury	3	10000
11	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
12	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
13	0705	ICP	ppm	Bi ICP	Bismuth	2	2000
14	0707	ICP	ppm	Cd ICP	Cadmium	0.2	2000.0
15	0710	ICP	ppm	Co ICP	Cobalt	1	10000
16	0718	ICP	ppm	Ni ICP	Nickel	1	10000
17	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
18	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
19	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
20	0729	ICP	ppm	V ICP (Incomplete Digestion)	Vanadium	1	10000
21	0716	ICP	ppm	Mn ICP	Manganese	1	10000
22	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
23	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
24	0731	ICP	ppm	Zr ICP (Incomplete Digestion)	Zirconium	1	10000
25	0736	ICP	ppm	Sc ICP	Scandium	1	10000
26	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	10.00
27	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
28	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
29	0712	ICP	%	Fe ICP (Incomplete Digestion)	Iron	0.01	10.00
30	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
31	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
32	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	10.00
33	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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BC Certified Assayer: David Chiu

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CERTIFICATE OF ANALYSIS
iPL 05I1993

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Client : Cumberland Resources Ltd. **14 Samples** Print: Feb 10, 2006
Project: Fire Creek Ship#FC-4 14=Core 1=Repeat 1=Blk iPL 1=Std iPL [199313:53:31:60021006:002] In: Sep 14, 2005

Sample Name	Type	Au g/mt	Au g/mt	Ba ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
135565	Core	0.10	—	1119	0.4	41	<2	5	11	<5	<3	4	<10	<2	<0.2	17	5	30	<5
135566	Core	0.19	—	721	0.6	96	<2	25	11	<5	<3	6	<10	<2	<0.2	19	4	26	<5
135567	Core	0.57	—	100	1.2	444	<2	7	167	6	<3	5	<10	<2	<0.2	19	4	27	<5
135568	Core	0.52	—	113	0.8	267	<2	6	100	7	<3	5	<10	<2	<0.2	19	5	30	<5
135569	Core	1.58	1.62	79	9.8	721	192	23	408	44	<3	12	<10	<2	<0.2	13	<1	49	<5
135570	Core	0.12	—	678	0.8	84	215	7	23	<5	<3	5	<10	<2	<0.2	16	6	31	<5
135571	Core	0.33	—	170	1.2	201	39	32	83	10	<3	10	<10	<2	<0.2	27	3	21	<5
135572	Core	0.41	—	785	4.0	435	256	1176	130	<5	<3	6	<10	<2	<0.2	17	6	25	<5
135573	Core	0.16	—	809	1.0	33	<2	54	37	5	<3	3	<10	<2	<0.2	3	5	370	<5
135574	Core	0.15	—	1800	1.4	114	70	155	46	5	<3	2	<10	<2	<0.2	8	<1	55	<5
135575	Core	0.82	—	98	2.0	703	<2	24	271	37	<3	9	<10	<2	<0.2	25	7	33	<5
135576	Core	0.11	—	1585	0.6	99	<2	9	42	9	<3	2	<10	<2	<0.2	3	6	75	<5
135577	Core	0.06	—	3169	0.4	69	<2	94	<5	<5	<3	4	<10	<2	<0.2	13	<1	88	<5
135578	Core	0.03	—	1123	0.2	31	<2	57	<5	<5	<3	1	<10	<2	<0.2	4	<1	79	<5
RE 135565	Repeat	0.10	—	1148	0.4	43	<2	5	9	<5	<3	4	<10	<2	<0.2	16	6	30	<5
Blank iPL	Blk iPL	<0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B	Std iPL	1.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B REF	Std iPL	1.02	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.01	0.07	10	0.1	1	2	1	5	5	3	1	10	2	0.2	1	1	2	5
Maximum Detection		5000.00	5000.00	10000	100.0	10000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000
Method		FA/AAS	FAGrav	AsyMuA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Cumberland Resources Ltd. **14 Samples**
Project: Fire Creek Ship#FC-4 14=Core 1=Repeat 1=Blk iPL 1=Std iPL [199313:53:31:60021006:002]

Print: Feb 10, 2006
In: Sep 14, 2005

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
135565	67	5	11	<2	13	1	<1	<0.01	0.13	<0.01	2.88	<0.01	0.05	0.02	<0.01
135566	66	31	203	<2	23	1	2	<0.01	0.73	0.05	4.28	0.50	0.05	0.03	0.01
135567	68	5	13	<2	75	1	<1	<0.01	0.09	0.02	6.79	0.01	0.03	0.02	<0.01
135568	64	3	13	<2	83	1	<1	<0.01	0.09	<0.01	6.80	<0.01	0.02	0.03	<0.01
135569	46	7	11	<2	33	2	<1	<0.01	0.11	0.08	16%	<0.01	0.04	0.03	<0.01
135570	65	10	14	7	1223	1	1	<0.01	0.45	0.06	5.03	0.03	0.06	0.03	0.15
135571	52	7	10	<2	36	1	<1	<0.01	0.17	0.03	7.10	<0.01	0.06	0.04	<0.01
135572	36	15	687	<2	11	1	<1	0.03	0.89	0.44	4.99	1.14	0.18	0.03	0.03
135573	106	15	143	<2	25	<1	<1	<0.01	0.55	0.08	1.61	0.43	0.05	0.02	0.01
135574	22	7	87	<2	10	<1	<1	<0.01	0.38	0.01	1.85	0.33	0.10	0.03	<0.01
135575	45	5	11	<2	51	1	<1	<0.01	0.15	0.02	7.68	0.01	0.03	0.03	<0.01
135576	124	2	17	<2	7	<1	<1	<0.01	0.07	0.02	1.49	0.01	0.02	0.03	<0.01
135577	23	33	1705	<2	20	2	2	<0.01	2.63	0.42	3.79	2.56	0.09	0.04	0.03
135578	40	4	341	4	77	<1	<1	<0.01	0.63	2.54	0.91	0.35	0.10	0.07	0.04
RE 135565	71	5	11	<2	15	1	<1	<0.01	0.13	<0.01	2.80	<0.01	0.05	0.03	<0.01
Blank iPL	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B REF	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection	1	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Cumberland Resources Ltd.
Project : Fire Creek
Shipper : Andrew Hamilton
Shipment: FC-2 PO#:
Comment:

87 Samples Print: Feb 10, 2006 In: Sep 14, 2005 [199213:53:13:60021006:003]

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B21100	87	Rock	crush, split & pulverize to -150 mesh.	12M/Dis	03M/Dis
B84100	5	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90010	1	Std iPL	Std iPL(Au Certified) - no charge		

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Analytical Summary
Analysis: ICP(AqR)30 Ba(MuAc) / Au(FA/AAS 30) Au(FA/Grav)Au>1.0g/mt

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0368	FA/AAS	g/mt	Au (FA/AAS 30g) g/mt	Gold	0.01	5000.00
02	0503	AsyMuA	ppm	Ba Multi Acid/AAS	Barium	10	10000
03	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
04	0711	ICP	ppm	Cu ICP	Copper	1	10000
05	0714	ICP	ppm	Pb ICP	Lead	2	10000
06	0730	ICP	ppm	Zn ICP	Zinc	1	10000
07	0703	ICP	ppm	As ICP	Arsenic	5	10000
08	0702	ICP	ppm	Sb ICP	Antimony	5	2000
09	0732	ICP	ppm	Hg ICP	Mercury	3	10000
10	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
11	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
12	0705	ICP	ppm	Bi ICP	Bismuth	2	2000
13	0707	ICP	ppm	Cd ICP	Cadmium	0.2	2000.0
14	0710	ICP	ppm	Co ICP	Cobalt	1	10000
15	0718	ICP	ppm	Ni ICP	Nickel	1	10000
16	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
17	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
18	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
19	0729	ICP	ppm	V ICP (Incomplete Digestion)	Vanadium	1	10000
20	0716	ICP	ppm	Mn ICP	Manganese	1	10000
21	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
22	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
23	0731	ICP	ppm	Zr ICP (Incomplete Digestion)	Zirconium	1	10000
24	0736	ICP	ppm	Sc ICP	Scandium	1	10000
25	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	10.00
26	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
27	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
28	0712	ICP	%	Fe ICP (Incomplete Digestion)	Iron	0.01	10.00
29	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
30	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
31	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	10.00
32	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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Client : Cumberland Resources Ltd. **87 Samples**
Project: Fire Creek Ship#FC-2 87=Rock 5=Repeat 1=Blk iPL 1=Std iPL [199213:53:13:60021006:003]

Print: Feb 10, 2006 In: Sep 14, 2005

Sample Name	Type	Au g/mt	Ba ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
135251	Rock	0.01	107	0.2	18	<2	8	7	<5	<3	1	<10	<2	<0.2	<1	<1	29	<5	96
135252	Rock	0.19	2875	1.2	10	147	1	8	<5	<3	2	<10	<2	<0.2	2	<1	169	<5	58
135253	Rock	0.22	5578	0.4	11	8	2	<5	<5	<3	2	<10	<2	<0.2	1	<1	183	<5	65
135254	Rock	0.11	1384	0.6	22	42	32	81	<5	<3	2	<10	<2	<0.2	4	<1	56	<5	34
135255	Rock	0.30	412	<0.1	20	<2	50	34	<5	<3	3	<10	<2	<0.2	7	<1	34	<5	29
135256	Rock	<0.01	558	<0.1	36	<2	102	282	<5	<3	4	<10	<2	<0.2	14	24	50	<5	37
135257	Rock	0.02	443	0.2	28	<2	1	24	<5	<3	2	<10	<2	<0.2	3	2	64	<5	77
135258	Rock	0.08	1693	0.4	21	<2	157	42	<5	<3	3	<10	<2	<0.2	2	<1	86	<5	19
135259	Rock	0.05	942	0.2	50	<2	86	<5	<5	<3	3	<10	<2	<0.2	22	40	51	<5	33
135260	Rock	0.06	2120	1.9	14	166	11	49	<5	<3	2	<10	<2	<0.2	3	<1	66	<5	22
135261	Rock	0.11	1753	1.4	13	79	67	42	<5	<3	2	<10	<2	<0.2	5	<1	59	<5	36
135262	Rock	0.08	3749	4.4	6	330	84	27	<5	<3	1	<10	<2	<0.2	1	<1	129	<5	29
135263	Rock	0.11	362	0.4	53	<2	288	<5	<5	<3	2	<10	<2	<0.2	16	4	22	<5	40
135264	Rock	0.01	821	0.4	303	<2	82	<5	<5	<3	2	<10	<2	<0.2	22	6	56	<5	23
135265	Rock	0.06	487	6.6	6190	<2	65	<5	<5	<3	3	<10	<2	<0.2	13	7	32	<5	43
135266	Rock	0.04	1018	0.2	151	<2	2	34	<5	<3	2	<10	<2	<0.2	9	4	12	<5	74
135267	Rock	0.02	623	0.4	99	<2	1	42	<5	<3	3	<10	<2	<0.2	10	3	10	<5	52
135268	Rock	0.14	135	0.2	21	<2	9	9	<5	<3	1	<10	<2	<0.2	3	4	82	<5	97
135269	Rock	0.01	1006	0.2	26	<2	43	12	<5	<3	2	<10	<2	<0.2	13	5	25	<5	21
135270	Rock	<0.01	141	0.2	7	<2	238	<5	<5	<3	3	<10	<2	<0.2	10	8	28	<5	44
135271	Rock	<0.01	1010	0.4	21	15	2	15	<5	<3	4	<10	<2	<0.2	7	3	59	<5	53
135272	Rock	0.02	531	<0.1	10	<2	28	6	<5	<3	3	<10	<2	<0.2	4	<1	38	<5	47
135273	Rock	0.02	328	<0.1	6	<2	<1	9	<5	<3	2	<10	<2	<0.2	<1	2	97	<5	95
135274	Rock	0.30	341	0.4	12	<2	1	25	5	<3	3	<10	<2	<0.2	<1	4	336	<5	105
135275	Rock	0.26	4075	0.6	31	<2	2	35	<5	<3	5	<10	<2	<0.2	1	<1	752	<5	88
135276	Rock	0.28	4634	0.8	31	<2	1	81	9	<3	3	<10	<2	<0.2	1	<1	1466	<5	94
135277	Rock	0.54	1224	0.6	30	<2	3	117	23	<3	5	<10	<2	<0.2	2	<1	967	<5	87
135278	Rock	0.10	5364	0.4	8	5	<1	14	<5	<3	3	<10	<2	<0.2	1	2	496	<5	104
135279	Rock	0.03	48	0.4	16	<2	117	<5	<5	<3	4	<10	<2	<0.2	26	<1	20	<5	25
135280	Rock	0.05	764	0.6	28	45	63	29	<5	<3	3	<10	<2	<0.2	2	<1	56	<5	28
135281	Rock	<0.01	31	0.2	32	<2	185	<5	<5	<3	5	<10	<2	<0.2	18	4	3	<5	21
135282	Rock	<0.01	479	<0.1	34	<2	59	<5	<5	<3	2	<10	<2	<0.2	15	5	38	<5	32
135283	Rock	0.11	772	<0.1	36	<2	66	<5	<5	<3	3	<10	<2	<0.2	19	3	58	<5	24
135284	Rock	0.01	847	0.4	15	<2	65	10	<5	<3	4	<10	<2	<0.2	13	3	54	<5	42
135285	Rock	0.01	362	0.2	27	<2	71	<5	<5	<3	3	<10	<2	<0.2	14	2	23	<5	33
135286	Rock	0.01	742	0.2	24	<2	21	<5	<5	<3	8	<10	<2	<0.2	2	<1	48	<5	22
135287	Rock	0.01	800	0.2	52	<2	74	<5	<5	<3	3	<10	<2	<0.2	22	3	126	<5	30
135288	Rock	0.01	500	0.4	37	<2	127	<5	<5	<3	3	<10	<2	<0.2	16	8	27	<5	27
135516	Rock	0.23	250	2.2	19	<2	2	35	6	<3	6	<10	<2	<0.2	<1	<1	26	<5	39
Minimum Detection		0.01	10	0.1	1	2	1	5	5	3	1	10	2	0.2	1	1	2	5	1
Maximum Detection		5000.00	10000	100.0	10000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		FA/AAS	AsyMuA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
iPL 05I1992

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Client : Cumberland Resources Ltd. **87 Samples**
Project: Fire Creek Ship#FC-2 87=Rock 5=Repeat 1=Blk iPL 1=Std iPL [199213:53:13:60021006:003]

Print: Feb 10, 2006
In: Sep 14, 2005

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
135251	2	52	<2	2	<1	<1	<0.01	0.06	0.01	0.83	0.02	0.02	0.03	0.01
135252	3	9	<2	23	<1	<1	<0.01	0.11	<0.01	0.70	<0.01	0.05	0.04	0.01
135253	4	8	2	24	<1	<1	<0.01	0.14	<0.01	0.77	<0.01	0.07	0.05	<0.01
135254	13	210	<2	11	1	<1	0.14	0.41	0.01	3.09	0.33	0.15	0.05	0.04
135255	52	321	<2	35	<1	2	0.03	1.41	0.17	3.63	1.40	0.04	0.07	0.03
135256	37	693	3	27	<1	3	0.04	2.01	0.85	3.53	1.19	0.06	0.06	0.05
135257	5	15	<2	32	<1	<1	<0.01	0.22	0.01	1.11	0.01	0.03	0.07	<0.01
135258	14	509	<2	9	<1	<1	0.03	1.02	0.02	2.67	1.18	0.16	0.03	0.05
135259	120	567	21	128	14	4	0.22	3.31	2.07	3.94	1.41	0.19	0.08	0.15
135260	7	24	<2	3	1	<1	0.13	0.27	0.03	1.77	0.06	0.15	0.03	0.03
135261	10	112	<2	6	<1	<1	0.08	0.42	0.02	2.02	0.28	0.26	0.03	0.03
135262	6	15	<2	2	<1	<1	0.01	0.20	<0.01	0.80	0.04	0.21	0.03	0.02
135263	31	783	<2	27	<1	1	<0.01	2.01	0.33	3.53	1.56	0.03	0.05	0.05
135264	142	726	<2	19	<1	3	0.06	2.09	0.23	4.79	1.85	0.13	0.06	0.08
135265	32	352	<2	33	<1	1	0.06	1.14	0.32	2.59	0.87	0.09	0.05	0.06
135266	8	14	<2	22	<1	<1	<0.01	0.18	0.01	2.80	0.01	0.04	0.06	<0.01
135267	7	8	<2	22	<1	<1	<0.01	0.23	<0.01	3.65	<0.01	0.03	0.08	<0.01
135268	5	12	<2	7	<1	<1	<0.01	0.11	<0.01	1.15	<0.01	<0.01	0.02	<0.01
135269	16	198	<2	11	<1	1	<0.01	0.84	<0.01	2.90	0.96	0.07	0.05	0.01
135270	78	360	3	93	<1	5	<0.01	3.06	0.01	3.00	2.43	<0.01	0.03	0.02
135271	7	9	<2	68	<1	<1	<0.01	0.22	<0.01	0.85	0.01	0.05	0.07	<0.01
135272	17	69	<2	32	<1	1	<0.01	0.53	0.01	1.66	0.45	0.08	0.06	0.01
135273	6	11	<2	37	<1	<1	<0.01	0.35	<0.01	0.18	<0.01	0.03	0.12	<0.01
135274	5	14	<2	14	1	<1	<0.01	0.15	<0.01	0.95	<0.01	0.02	0.03	0.01
135275	5	12	<2	27	<1	<1	<0.01	0.06	<0.01	2.67	<0.01	0.02	0.03	0.01
135276	3	75	<2	69	<1	<1	<0.01	0.04	<0.01	2.06	<0.01	<0.01	0.03	0.01
135277	8	49	<2	22	<1	<1	0.01	0.19	0.01	2.38	0.02	0.04	0.03	0.02
135278	2	12	<2	27	<1	<1	<0.01	0.04	<0.01	1.14	<0.01	0.04	0.03	<0.01
135279	83	814	3	92	1	3	0.04	2.69	0.55	4.56	2.02	0.02	0.04	0.13
135280	17	511	5	105	<1	<1	<0.01	0.80	0.02	3.06	0.89	0.09	0.07	0.05
135281	161	795	<2	4	<1	10	0.01	3.92	0.08	4.52	3.82	<0.01	0.05	0.04
135282	33	404	<2	39	<1	1	0.10	1.77	0.51	2.23	1.37	0.07	0.04	0.04
135283	41	588	<2	36	1	2	0.11	2.18	0.61	2.60	1.62	0.16	0.04	0.05
135284	26	71	<2	33	2	2	0.20	0.66	0.42	1.87	0.36	0.13	0.05	0.03
135285	42	352	<2	49	<1	2	0.01	1.60	0.35	4.12	1.21	0.05	0.06	0.05
135286	52	128	5	12	<1	3	<0.01	1.42	0.01	6.85	1.29	0.05	0.06	0.06
135287	59	702	<2	23	1	2	0.16	2.45	0.38	3.41	2.02	1.05	0.05	0.05
135288	33	471	<2	35	<1	2	0.04	1.55	0.39	2.46	0.91	0.09	0.04	0.05
135516	5	14	3	3	<1	<1	<0.01	0.18	0.01	1.50	0.01	0.11	0.04	<0.01
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
iPL 05I1992

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Client : Cumberland Resources Ltd. **87 Samples**
Project: Fire Creek Ship#FC-2 87=Rock 5=Repeat 1=Blk iPL 1=Std iPL [199213:53:13:60021006:003]

Print: Feb 10, 2006
In: Sep 14, 2005

Sample Name	Type	Au g/mt	Ba ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
135517	Rock	0.23	761	0.6	39	<2	3	7	<5	<3	5	<10	<2	<0.2	10	3	15	<5	87
135518	Rock	0.36	3757	0.6	27	38	2	39	<5	<3	3	<10	<2	<0.2	2	<1	335	<5	51
135519	Rock	0.18	2774	0.2	13	<2	1	9	<5	<3	3	<10	<2	<0.2	1	<1	237	<5	83
135520	Rock	0.19	846	0.2	8	<2	<1	8	<5	<3	2	<10	<2	<0.2	<1	<1	70	<5	63
135521	Rock	0.18	875	<0.1	4	<2	<1	7	<5	<3	2	<10	<2	<0.2	<1	<1	54	<5	63
135522	Rock	0.26	1872	0.4	6	<2	<1	10	<5	<3	2	<10	<2	<0.2	1	<1	143	<5	54
135523	Rock	0.04	249	0.2	40	<2	54	125	<5	<3	3	<10	<2	<0.2	5	5	69	<5	107
135524	Rock	0.51	179	0.6	24	5	2	204	5	<3	6	<10	<2	<0.2	7	3	42	<5	101
135525	Rock	0.64	3366	1.0	11	3	<1	35	<5	<3	2	<10	<2	<0.2	<1	<1	136	<5	81
135526	Rock	0.07	1139	0.2	22	<2	92	10	<5	<3	3	<10	<2	<0.2	5	2	158	<5	24
135527	Rock	0.47	306	3.6	14	68	72	42	<5	<3	7	<10	<2	<0.2	7	5	13	<5	73
135528	Rock	0.20	1175	1.6	27	59	6	16	<5	<3	3	<10	<2	<0.2	3	<1	35	<5	99
135529	Rock	0.35	9850	0.8	13	33	1	14	<5	<3	1	<10	<2	<0.2	1	<1	128	<5	88
135530	Rock	0.87	4810	1.8	11	34	<1	27	9	<3	3	<10	<2	<0.2	<1	2	122	<5	111
135531	Rock	0.63	4715	2.0	26	30	<1	178	10	<3	5	<10	<2	<0.2	<1	<1	194	<5	89
135532	Rock	0.19	2109	0.8	13	40	1	58	<5	<3	4	<10	<2	<0.2	2	3	48	<5	82
135533	Rock	0.20	609	0.8	17	17	3	10	<5	<3	2	<10	<2	<0.2	7	3	19	<5	73
135534	Rock	0.28	7084	0.6	24	4	1	35	<5	<3	5	<10	<2	<0.2	<1	3	745	<5	87
135535	Rock	0.01	726	<0.1	25	<2	22	<5	<5	<3	3	<10	<2	<0.2	13	7	30	<5	21
135536	Rock	0.01	785	0.8	337	29	2	447	<5	<3	1	<10	<2	<0.2	2	5	74	<5	150
135537	Rock	<0.01	604	0.6	308	<2	2	108	<5	<3	11	<10	<2	<0.2	23	12	8	<5	63
135538	Rock	0.01	231	<0.1	45	<2	77	<5	<5	<3	4	<10	<2	<0.2	15	<1	18	<5	31
135539	Rock	0.02	126	<0.1	9	<2	3	6	<5	<3	2	<10	<2	<0.2	<1	<1	14	<5	40
135540	Rock	0.01	202	<0.1	8	<2	<1	5	<5	<3	1	<10	<2	<0.2	<1	3	176	<5	116
135541	Rock	0.02	814	2.0	1216	<2	6	467	<5	<3	6	<10	<2	<0.2	41	35	9	<5	49
135542	Rock	0.03	102	0.8	105	<2	3	44	<5	<3	3	<10	<2	<0.2	22	4	13	<5	88
135543	Rock	0.40	393	0.6	76	<2	23	36	15	<3	2	<10	<2	<0.2	8	<1	16	<5	70
135544	Rock	0.01	7259	3.2	426	5	1	151	9	<3	1	<10	<2	<0.2	1	<1	270	<5	126
135545	Rock	0.01	653	0.2	112	2	<1	71	<5	<3	3	<10	<2	<0.2	5	3	58	<5	58
135546	Rock	0.01	576	0.2	27	<2	32	11	<5	<3	4	<10	<2	<0.2	1	<1	144	<5	28
135547	Rock	0.01	444	0.8	22	<2	1	71	<5	<3	5	<10	<2	<0.2	1	<1	90	<5	72
135548	Rock	0.10	461	0.2	34	<2	37	21	<5	<3	4	<10	<2	<0.2	4	<1	56	<5	17
135549	Rock	0.01	426	<0.1	21	<2	3	5	<5	<3	3	<10	<2	<0.2	34	13	10	<5	60
135550	Rock	0.10	8146	0.4	30	<2	1	79	20	<3	3	<10	<2	<0.2	1	<1	885	<5	86
135551	Rock	0.04	911	0.2	14	10	25	48	<5	<3	2	<10	<2	<0.2	3	<1	92	<5	31
135552	Rock	0.13	913	0.4	16	<2	1	14	<5	<3	2	<10	<2	<0.2	2	<1	363	<5	96
135553	Rock	<0.01	195	<0.1	9	<2	133	<5	<5	<3	5	<10	<2	<0.2	1	<1	16	<5	24
135554	Rock	0.03	635	0.2	27	10	53	19	<5	<3	4	<10	<2	<0.2	1	<1	28	<5	50
135555	Rock	<0.01	516	<0.1	7	<2	14	<5	<5	<3	8	<10	<2	<0.2	2	8	26	<5	27
Minimum Detection		0.01	10	0.1	1	2	1	5	5	3	1	10	2	0.2	1	1	2	5	1
Maximum Detection		5000.00	10000	100.0	10000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		FA/AAS	AsyMuA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Cumberland Resources Ltd. **87 Samples** Print: Feb 10, 2006
Project: Fire Creek Ship#FC-2 87=Rock 5=Repeat 1=Blk iPL 1=Std iPL [199213:53:13:60021006:003] In: Sep 14, 2005

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
135517	4	12	<2	22	<1	<1	<0.01	0.11	0.02	2.46	<0.01	0.06	0.03	<0.01
135518	23	7	2	26	<1	<1	<0.01	0.14	<0.01	5.00	<0.01	0.06	0.03	0.02
135519	6	9	2	13	<1	<1	<0.01	0.14	<0.01	2.81	<0.01	0.08	0.04	0.01
135520	4	7	2	15	<1	<1	<0.01	0.15	<0.01	1.03	<0.01	0.07	0.04	<0.01
135521	4	7	4	5	<1	<1	<0.01	0.13	<0.01	0.81	<0.01	0.07	0.04	<0.01
135522	9	6	4	15	<1	1	<0.01	0.12	<0.01	1.22	<0.01	0.06	0.04	<0.01
135523	54	208	2	49	1	3	0.06	0.86	0.12	3.47	0.57	0.10	0.07	0.10
135524	10	17	<2	7	<1	<1	<0.01	0.08	0.01	2.57	0.01	0.03	0.03	0.01
135525	5	10	2	275	<1	<1	<0.01	0.12	<0.01	1.80	<0.01	0.09	0.04	0.02
135526	64	1780	<2	21	<1	3	<0.01	2.91	0.10	4.33	2.42	0.05	0.04	0.05
135527	12	334	<2	24	<1	<1	<0.01	0.56	0.01	3.56	0.41	0.06	0.05	0.02
135528	3	21	<2	132	<1	<1	<0.01	0.15	0.01	0.87	0.01	0.05	0.04	<0.01
135529	3	10	<2	51	<1	<1	<0.01	0.18	<0.01	0.38	<0.01	0.06	0.05	0.01
135530	7	12	<2	28	<1	<1	<0.01	0.16	<0.01	0.70	<0.01	0.10	0.05	<0.01
135531	11	10	2	29	<1	<1	<0.01	0.15	<0.01	1.79	<0.01	0.08	0.05	0.01
135532	7	11	<2	86	<1	<1	<0.01	0.13	<0.01	1.01	<0.01	0.07	0.04	0.01
135533	4	11	<2	169	<1	<1	<0.01	0.14	<0.01	2.19	<0.01	0.08	0.04	<0.01
135534	6	10	<2	65	<1	<1	<0.01	0.15	<0.01	2.28	<0.01	0.02	0.04	0.01
135535	10	156	<2	6	<1	<1	<0.01	0.75	0.10	4.12	0.83	0.07	0.05	0.07
135536	1	22	<2	14	<1	<1	<0.01	0.04	<0.01	0.61	0.01	0.02	0.03	<0.01
135537	5	10	<2	11	<1	<1	<0.01	0.22	<0.01	4.51	<0.01	0.06	0.08	<0.01
135538	33	662	<2	37	<1	2	0.05	1.78	0.46	3.46	1.78	0.03	0.08	0.04
135539	4	17	<2	8	<1	<1	<0.01	0.10	0.01	1.90	0.02	<0.01	0.03	0.01
135540	2	14	<2	11	<1	<1	<0.01	0.06	<0.01	0.63	<0.01	<0.01	0.03	<0.01
135541	8	7	<2	20	1	<1	<0.01	0.15	<0.01	9.14	<0.01	0.04	0.03	<0.01
135542	7	11	<2	10	1	<1	<0.01	0.07	<0.01	4.86	<0.01	0.03	0.04	<0.01
135543	7	12	<2	9	<1	<1	<0.01	0.22	<0.01	3.20	<0.01	0.07	0.03	<0.01
135544	1	14	<2	37	<1	<1	<0.01	0.02	<0.01	0.30	<0.01	<0.01	0.02	<0.01
135545	6	7	<2	33	<1	<1	<0.01	0.22	<0.01	1.15	<0.01	0.04	0.07	<0.01
135546	19	250	2	12	<1	1	<0.01	0.86	0.02	2.31	0.95	0.05	0.05	0.01
135547	11	10	<2	37	<1	<1	<0.01	0.20	<0.01	2.36	0.01	0.08	0.06	0.01
135548	24	261	<2	56	<1	2	<0.01	1.01	0.01	3.30	0.94	0.04	0.08	0.02
135549	8	13	<2	10	<1	<1	<0.01	0.37	<0.01	4.24	0.01	0.02	0.03	<0.01
135550	2	13	<2	64	<1	<1	<0.01	0.05	<0.01	1.66	<0.01	<0.01	0.03	0.01
135551	24	212	2	45	<1	3	<0.01	0.73	0.10	2.91	0.39	0.10	0.11	0.06
135552	4	15	<2	16	<1	<1	<0.01	0.09	<0.01	2.18	0.01	0.02	0.04	0.01
135553	66	516	<2	5	<1	4	0.01	2.11	0.01	2.22	2.66	0.02	0.05	0.02
135554	20	218	<2	3	<1	<1	<0.01	1.14	<0.01	2.92	1.44	0.09	0.03	0.04
135555	48	104	4	23	<1	2	0.01	2.50	0.03	4.09	1.68	0.06	0.06	0.03
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
iPL 0511992

87 Samples

Client : Cumberland Resources Ltd.
Project: Fire Creek   Ship#FC-2   87=Rock   5=Repeat   1=Blk iPL   1=Std iPL   [199213:53:13:60021006:003]

Print: Feb 10, 2006
In: Sep 14, 2005

Sample Name	Type	Au g/mt	Ba ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm
135556	Rock	0.01	366	<0.1	14	<2	22	<5	<5	<3	4	<10	<2	<0.2	2	<1	50	<5	18
135557	Rock	0.01	363	0.2	225	<2	2	73	<5	<3	2	<10	<2	<0.2	23	4	12	<5	79
135558	Rock	0.20	665	1.2	651	<2	5	236	10	<3	6	<10	<2	<0.2	33	<1	8	<5	49
135559	Rock	0.02	364	0.2	58	<2	1	21	<5	<3	3	<10	<2	<0.2	18	4	8	<5	89
135560	Rock	0.02	988	0.4	25	<2	50	11	<5	<3	9	<10	<2	<0.2	3	<1	59	<5	27
135561	Rock	0.03	318	0.2	23	<2	75	18	<5	<3	4	<10	<2	<0.2	3	6	22	<5	20
135562	Rock	<0.01	209	0.2	12	<2	57	<5	<5	<3	5	<10	<2	<0.2	39	5	18	<5	37
135563	Rock	<0.01	475	0.2	15	<2	57	<5	<5	<3	5	<10	<2	<0.2	31	8	22	<5	25
135564	Rock	<0.01	435	0.2	10	<2	45	<5	<5	<3	4	<10	<2	<0.2	17	3	22	<5	29
RE 135251	Repeat	0.01	110	0.2	17	<2	7	6	<5	<3	2	<10	<2	<0.2	1	<1	29	<5	100
RE 135270	Repeat	<0.01	147	0.2	7	<2	258	<5	<5	<3	4	<10	<2	<0.2	10	8	29	<5	45
RE 135517	Repeat	0.22	738	0.6	39	<2	5	6	<5	<3	4	<10	<2	<0.2	10	4	16	<5	86
RE 135536	Repeat	0.01	800	0.8	352	31	2	465	<5	<3	2	<10	<2	<0.2	3	5	67	<5	165
RE 135556	Repeat	0.01	367	<0.1	16	<2	26	<5	<5	<3	2	<10	<2	<0.2	2	<1	56	<5	20
Blank iPL	Blk iPL	<0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B	Std iPL	1.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B REF	Std iPL	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.01	10	0.1	1	2	1	5	5	3	1	10	2	0.2	1	1	2	5	1
Maximum Detection		5000.00	10000	100.0	10000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000
Method		FA/AAS	AsyMuA	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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CERTIFICATE OF ANALYSIS
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Client : Cumberland Resources Ltd. **87 Samples**
Project: Fire Creek Ship#FC-2 87=Rock 5=Repeat 1=Blk iPL 1=Std iPL [199213:53:13:60021006:003]

Print: Feb 10, 2006
In: Sep 14, 2005

Sample Name	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
135556	29	242	6	90	<1	3	0.01	1.29	0.08	4.63	1.13	0.05	0.22	0.12
135557	4	17	<2	51	<1	<1	<0.01	0.19	0.01	3.51	0.03	0.03	0.06	<0.01
135558	25	10	<2	23	2	<1	<0.01	0.20	<0.01	9.36	0.01	0.05	0.05	<0.01
135559	2	10	<2	16	1	<1	<0.01	0.06	<0.01	4.23	<0.01	<0.01	0.02	<0.01
135560	12	221	<2	3	<1	<1	<0.01	0.62	0.01	3.11	0.49	0.14	0.04	0.02
135561	78	517	4	26	<1	5	<0.01	2.16	0.05	4.76	2.11	0.04	0.07	0.12
135562	50	257	<2	48	1	1	<0.01	1.43	0.47	4.90	1.18	0.02	0.06	0.10
135563	52	281	2	28	<1	<1	<0.01	1.34	0.46	3.23	1.22	0.03	0.07	0.05
135564	29	172	2	32	<1	<1	<0.01	1.14	0.35	2.44	0.98	0.02	0.08	0.09
RE 135251	2	54	<2	2	<1	<1	<0.01	0.07	0.01	0.85	0.03	0.02	0.03	0.01
RE 135270	88	437	4	95	<1	6	<0.01	3.45	0.01	3.30	2.60	<0.01	0.03	0.02
RE 135517	5	15	<2	24	<1	<1	<0.01	0.14	0.02	2.52	0.02	0.06	0.04	<0.01
RE 135536	1	22	<2	15	<1	<1	<0.01	0.05	<0.01	0.60	0.01	0.02	0.04	<0.01
RE 135556	34	282	6	96	<1	4	0.01	1.53	0.09	4.70	1.36	0.06	0.22	0.12
Blank iPL	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B REF	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection	1	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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CERTIFICATE OF ANALYSIS
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Cumberland Resources Ltd. 15 Samples Print: Feb 10, 2006 In: Aug 30, 2005 [188813:52:53:60021006:003]

Project : Fire Creek
Shipper : Andrew Hamilton
Shipment: FC-1 PO#:
Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B21100	15	Rock	crush, split & pulverize to -150 mesh.	12M/Dis	03M/Dis
B84100	1	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis

NS=No Sample Rep=Replicate M=Month Dis=Discard

Document Distribution

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DL 3D EM BT BL: 0 0 1 0 0

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EN RT CC IN FX: 0 0 0 0 0
DL 3D EM BT BL: 0 0 1 0 0

Analytical Summary
Analysis: ICP(AqR)30

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
02	0711	ICP	ppm	Cu ICP	Copper	1	10000
03	0714	ICP	ppm	Pb ICP	Lead	2	10000
04	0730	ICP	ppm	Zn ICP	Zinc	1	10000
05	0703	ICP	ppm	As ICP	Arsenic	5	10000
06	0702	ICP	ppm	Sb ICP	Antimony	5	2000
07	0732	ICP	ppm	Hg ICP	Mercury	3	10000
08	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
09	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
10	0705	ICP	ppm	Bi ICP	Bismuth	2	2000
11	0707	ICP	ppm	Cd ICP	Cadmium	0.2	2000.0
12	0710	ICP	ppm	Co ICP	Cobalt	1	10000
13	0718	ICP	ppm	Ni ICP	Nickel	1	10000
14	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
15	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
16	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
17	0729	ICP	ppm	V ICP (Incomplete Digestion)	Vanadium	1	10000
18	0716	ICP	ppm	Mn ICP	Manganese	1	10000
19	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
20	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
21	0731	ICP	ppm	Zr ICP (Incomplete Digestion)	Zirconium	1	10000
22	0736	ICP	ppm	Sc ICP	Scandium	1	10000
23	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	10.00
24	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
25	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
26	0712	ICP	%	Fe ICP (Incomplete Digestion)	Iron	0.01	10.00
27	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
28	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
29	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	10.00
30	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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* Our liability is limited solely to the analytical cost of these analyses

BC Certified Assayer: David Chiu

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Client : Cumberland Resources Ltd. **15 Samples**
Project: Fire Creek Ship#FC-1 15=Rock 1=Repeat [188813:52:53:60021006:003]

Print: Feb 10, 2006
In: Aug 30, 2005

Sample Name	Type	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm
135501	Rock	<0.1	7	<2	4	13	<5	<3	2	<10	<2	<0.2	<1	<1	128	<5	67	6	14
135502	Rock	<0.1	4	12	3	<5	<5	<3	5	<10	<2	<0.2	2	4	1621	<5	138	2	16
135503	Rock	<0.1	16	<2	4	<5	<5	<3	2	<10	<2	<0.2	6	3	48	<5	72	8	11
135504	Rock	0.7	18	48	2	27	<5	<3	10	<10	<2	<0.2	5	<1	65	<5	41	4	6
135505	Rock	<0.1	41	<2	18	<5	<5	<3	3	<10	<2	<0.2	3	<1	31	<5	35	22	170
135506	Rock	<0.1	73	<2	22	<5	<5	<3	3	<10	<2	<0.2	16	7	20	<5	31	20	270
135507	Rock	<0.1	174	<2	29	<5	<5	<3	3	<10	<2	<0.2	23	4	23	<5	30	34	398
135508	Rock	<0.1	24	<2	29	<5	<5	<3	1	<10	<2	<0.2	7	<1	21	<5	31	21	149
135509	Rock	<0.1	49	<2	5	<5	<5	<3	6	<10	<2	<0.2	56	16	10	<5	36	6	4
135510	Rock	<0.1	39	<2	2	<5	<5	<3	6	<10	<2	<0.2	25	6	12	<5	115	3	15
135511	Rock	<0.1	23	<2	3	<5	<5	<3	3	<10	<2	<0.2	29	12	10	<5	62	5	7
135512	Rock	<0.1	31	<2	3	<5	<5	<3	6	<10	<2	<0.2	41	7	8	<5	43	7	5
135513	Rock	<0.1	29	<2	118	<5	<5	<3	<1	<10	<2	<0.2	7	<1	42	<5	31	62	163
135514	Rock	<0.1	24	<2	5	<5	<5	<3	3	<10	<2	<0.2	7	<1	51	<5	29	22	27
135515	Rock	<0.1	92	21	2	53	<5	<3	3	<10	<2	<0.2	25	4	27	<5	62	11	9
RE 135501	Repeat	<0.1	6	<2	3	16	<5	<3	2	<10	<2	<0.2	<1	<1	133	<5	72	7	13
Minimum Detection		0.1	1	2	1	5	5	3	1	10	2	0.2	1	1	2	5	1	1	1
Maximum Detection		100.0	10000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000	10000
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Client : Cumberland Resources Ltd.
Project: Fire Creek Ship#FC-1

15 Samples
15=Rock 1=Repeat

[188813:52:53:60021006:003]

Print: Feb 10, 2006
In: Aug 30, 2005

Sample Name	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
135501	3	13	1	<1	<0.01	0.17	0.01	1.16	0.01	0.05	0.02	<0.01
135502	<2	259	1	<1	<0.01	0.04	0.01	0.25	<0.01	<0.01	0.02	<0.01
135503	<2	19	1	1	<0.01	0.21	0.01	1.80	0.01	0.09	0.03	<0.01
135504	<2	8	1	<1	<0.01	0.07	0.01	2.31	<0.01	0.04	0.02	0.01
135505	<2	13	<1	1	<0.01	0.76	0.10	2.82	0.72	0.07	0.05	0.02
135506	<2	9	1	1	<0.01	0.98	0.18	4.40	0.92	0.05	0.05	0.03
135507	<2	8	1	6	<0.01	1.80	0.09	4.69	1.35	0.07	0.04	0.07
135508	<2	14	1	3	<0.01	0.79	0.05	3.70	0.58	0.06	0.04	0.04
135509	<2	6	4	<1	<0.01	0.15	<0.01	12%	<0.01	<0.01	0.02	<0.01
135510	<2	3	2	<1	<0.01	0.06	0.01	4.68	0.01	<0.01	0.02	<0.01
135511	<2	16	2	<1	<0.01	0.18	<0.01	8.57	<0.01	<0.01	0.02	<0.01
135512	<2	18	2	<1	<0.01	0.38	<0.01	10%	<0.01	<0.01	0.02	<0.01
135513	<2	79	<1	4	<0.01	2.47	0.01	3.29	1.89	<0.01	0.03	0.01
135514	<2	25	1	2	<0.01	0.44	0.05	3.85	0.03	0.05	0.05	0.01
135515	3	252	1	<1	<0.01	0.30	0.01	3.26	0.01	0.04	0.05	0.02
RE 135501	3	14	<1	<1	<0.01	0.18	0.01	1.15	0.01	0.05	0.02	<0.01
Minimum Detection	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

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Cumberland Resources Ltd. 15 Samples Print: Aug 26, 2005 In: Aug 22, 2005 [181011:12:49:50082605:001]

Project : Fire Creek
Shipper : Andrew Hamilton
Shipment: FC-1 PO#:
Comment:

CODE	AMOUNT	TYPE	PREPARATION DESCRIPTION	PULP	REJECT
B21100	15	Rock	crush, split & pulverize	12M/Dis	03M/Dis
B84100	1	Repeat	Repeat sample - no Charge	12M/Dis	00M/Dis
B82101	1	Blk iPL	Blank iPL - no charge.	00M/Dis	00M/Dis
B90010	1	Std iPL	Std iPL(Au Certified) - no charge		

NS=No Sample Rep=Replicate M=Month Dis=Discard

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Canada
Att: Andrew Hamilton

EN	RT	CC	IN	FX
1	2	1	0	1

DL	3D	EM	BT	BL
0	0	1	0	0

Ph:604/608-2557
Fx:604/608-2559
Em:ahamilton@cumberlandresources.com

Analytical Summary

Analysis: Au(FA/AAS 30) Au(FA/Grav)Au>1.0g/mt / ICP(Multi-Acid)30

##	Code	Method	Units	Description	Element	Limit Low	Limit High
01	0368	FA/AAS	g/mt	Au (FA/AAS 30g) g/mt	Gold	0.01	5000.00
02	0721	ICP	ppm	Ag ICP	Silver	0.1	100.0
03	0711	ICP	ppm	Cu ICP	Copper	1	10000
04	0714	ICP	ppm	Pb ICP	Lead	2	10000
05	0730	ICP	ppm	Zn ICP	Zinc	1	10000
06	0703	ICP	ppm	As ICP	Arsenic	5	10000
07	0702	ICP	ppm	Sb ICP	Antimony	5	2000
08	0732	ICP	ppm	Hg ICP	Mercury	3	10000
09	0717	ICP	ppm	Mo ICP	Molydenum	1	1000
10	0747	ICP	ppm	Tl ICP (Incomplete Digestion)	Thallium	10	1000
11	0705	ICP	ppm	Bi ICP	Bismuth	2	2000
12	0707	ICP	ppm	Cd ICP	Cadmium	0.2	2000.0
13	0710	ICP	ppm	Co ICP	Cobalt	1	10000
14	0718	ICP	ppm	Ni ICP	Nickel	1	10000
15	0704	ICP	ppm	Ba ICP (Incomplete Digestion)	Barium	2	10000
16	0727	ICP	ppm	W ICP (Incomplete Digestion)	Tungsten	5	1000
17	0709	ICP	ppm	Cr ICP (Incomplete Digestion)	Chromium	1	10000
18	0729	ICP	ppm	V ICP (Incomplete Digestion)	Vanadium	1	10000
19	0716	ICP	ppm	Mn ICP	Manganese	1	10000
20	0713	ICP	ppm	La ICP (Incomplete Digestion)	Lanthanum	2	10000
21	0723	ICP	ppm	Sr ICP (Incomplete Digestion)	Strontium	1	10000
22	0731	ICP	ppm	Zr ICP (Incomplete Digestion)	Zirconium	1	10000
23	0736	ICP	ppm	Sc ICP	Scandium	1	10000
24	0726	ICP	%	Ti ICP (Incomplete Digestion)	Titanium	0.01	10.00
25	0701	ICP	%	Al ICP (Incomplete Digestion)	Aluminum	0.01	10.00
26	0708	ICP	%	Ca ICP (Incomplete Digestion)	Calcium	0.01	10.00
27	0712	ICP	%	Fe ICP (Incomplete Digestion)	Iron	0.01	10.00
28	0715	ICP	%	Mg ICP (Incomplete Digestion)	Magnesium	0.01	10.00
29	0720	ICP	%	K ICP (Incomplete Digestion)	Potassium	0.01	10.00
30	0722	ICP	%	Na ICP (Incomplete Digestion)	Sodium	0.01	10.00
31	0719	ICP	%	P ICP	Phosphorus	0.01	5.00

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DL=Download 3D=3½ Disk EM=E-Mail BT=BBS Type BL=BBS(1=Yes 0=No) ID=C034106
* Our liability is limited solely to the analytical cost of these analyses.

BC Certified Assayer: David Chiu

INTERNATIONAL PLASMA LABS LTD.
ISO 9001:2000 CERTIFIED COMPANY

CERTIFICATE OF ANALYSIS
iPL 05H1810

2036 Columbia Street
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Website www.ipl.ca

Client : Cumberland Resources Ltd. **15 Samples** Print: Aug 26, 2005
Project: Fire Creek Ship#FC-1 15=Rock 1=Repeat 1=Blk iPL 1=Std iPL [181011:12:49:50082605:001] In: Aug 22, 2005

Sample Name	Type	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm
135501	Rock	0.08	<0.1	15	27	4	<5	<5	<3	4	<10	<2	<0.2	4	<1	1107	<5	99	78
135502	Rock	0.02	<0.1	12	27	4	<5	5	<3	7	<10	<2	<0.2	13	<1	2.62%	<5	215	8
135503	Rock	0.13	<0.1	23	25	4	<5	<5	<3	3	<10	<2	<0.2	8	<1	1030	<5	119	145
135504	Rock	0.20	<0.1	26	63	3	5	6	<3	10	<10	<2	<0.2	6	<1	662	<5	64	75
135505	Rock	0.01	<0.1	44	14	34	<5	<5	<3	6	<10	<2	<0.2	5	<1	548	<5	54	191
135506	Rock	0.01	<0.1	75	<2	33	<5	<5	<3	3	<10	<2	<0.2	17	<1	416	<5	47	203
135507	Rock	0.04	<0.1	170	<2	36	<5	<5	<3	4	<10	<2	<0.2	24	<1	443	<5	49	214
135508	Rock	0.01	<0.1	32	<2	43	<5	<5	<3	3	<10	<2	<0.2	9	<1	395	<5	46	178
135509	Rock	0.02	<0.1	60	<2	5	<5	<5	<3	10	<10	<2	<0.2	60	<1	494	<5	65	37
135510	Rock	0.01	<0.1	45	<2	3	<5	<5	<3	7	<10	<2	<0.2	26	<1	276	<5	193	20
135511	Rock	0.01	<0.1	30	8	6	<5	<5	<3	6	<10	<2	<0.2	27	6	310	<5	110	55
135512	Rock	0.02	<0.1	39	<2	4	<5	<5	<3	6	<10	<2	<0.2	39	<1	1544	<5	81	78
135513	Rock	0.01	<0.1	41	<2	202	<5	<5	<3	4	<10	<2	<0.2	13	7	703	<5	62	229
135514	Rock	0.01	<0.1	30	14	19	<5	<5	<3	6	<10	<2	<0.2	8	<1	1501	<5	52	283
135515	Rock	0.01	<0.1	99	117	4	<5	<5	<3	5	<10	<2	<0.2	25	<1	681	<5	116	209
RE 135501	Repeat	0.08	<0.1	13	22	4	<5	<5	<3	3	<10	<2	<0.2	3	<1	1163	<5	104	79
Blank iPL	Blk iPL	<0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B	Std iPL	1.00	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B REF	Std iPL	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection		0.01	0.1	1	2	1	5	5	3	1	10	2	0.2	1	1	2	5	1	1
Maximum Detection		5000.00	100.0	10000	10000	10000	10000	2000	10000	1000	1000	2000	2000.0	10000	10000	10000	1000	10000	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

INTERNATIONAL PLASMA LABS LTD.
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CERTIFICA OF ANALYSIS
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15 Samples

Client : Cumberland Resources Ltd.
Project: Fire Creek   Ship#FC-1   15=Rock   1=Repeat   1=Blk iPL   1=Std iPL   [181011:12:49:50082605:001]

Print: Aug 26, 2005
In: Aug 22, 2005

Sample Name	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
135501	14	6	144	4	8	0.08	2.01	0.02	1.06	0.03	0.54	0.13	<0.01
135502	17	7	1878	2	<1	<0.01	0.30	0.02	0.25	0.01	0.08	0.04	<0.01
135503	14	5	189	5	23	0.11	4.42	0.03	1.72	0.03	1.14	0.53	<0.01
135504	9	6	118	4	17	0.08	1.83	0.02	2.25	0.01	0.31	0.13	0.01
135505	306	3	176	28	16	0.08	9.36	0.68	3.68	1.58	2.36	1.57	0.02
135506	443	7	223	33	20	0.06	9.66	1.52	5.78	1.67	1.56	2.38	0.02
135507	517	5	165	21	23	0.07	9.27	1.03	6.03	1.91	1.82	1.70	0.06
135508	333	5	265	23	19	0.08	9.38	1.84	4.96	1.03	1.60	2.26	0.03
135509	7	2	187	3	<1	0.05	1.20	0.02	17%	0.01	0.04	0.05	0.01
135510	19	<2	55	3	<1	0.05	0.61	0.03	5.02	0.01	<0.01	0.06	<0.01
135511	10	10	901	4	<1	0.03	4.42	0.02	9.37	0.01	0.04	0.13	0.04
135512	7	4	833	17	1	0.03	7.34	0.05	11%	0.02	<0.01	0.14	0.06
135513	683	4	390	32	26	0.07	9.98	0.05	6.30	2.89	0.82	0.92	0.02
135514	213	3	523	33	30	0.08	9.55	0.68	4.72	0.11	1.55	1.23	<0.01
135515	13	14	1991	39	11	0.03	8.95	0.04	3.46	0.01	1.17	1.83	0.09
RE 135501	14	5	153	4	9	0.08	2.07	0.02	1.10	0.03	0.55	0.14	<0.01
Blank iPL	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B	—	—	—	—	—	—	—	—	—	—	—	—	—
FA_GS1B REF	—	—	—	—	—	—	—	—	—	—	—	—	—
Minimum Detection	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10.00	10.00	10.00	10.00	10.00	10.00	10.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate % NS=No Sample

APPENDIX D

Rock Sample Descriptions

Rock Sample Descriptions – Fire Creek 2005

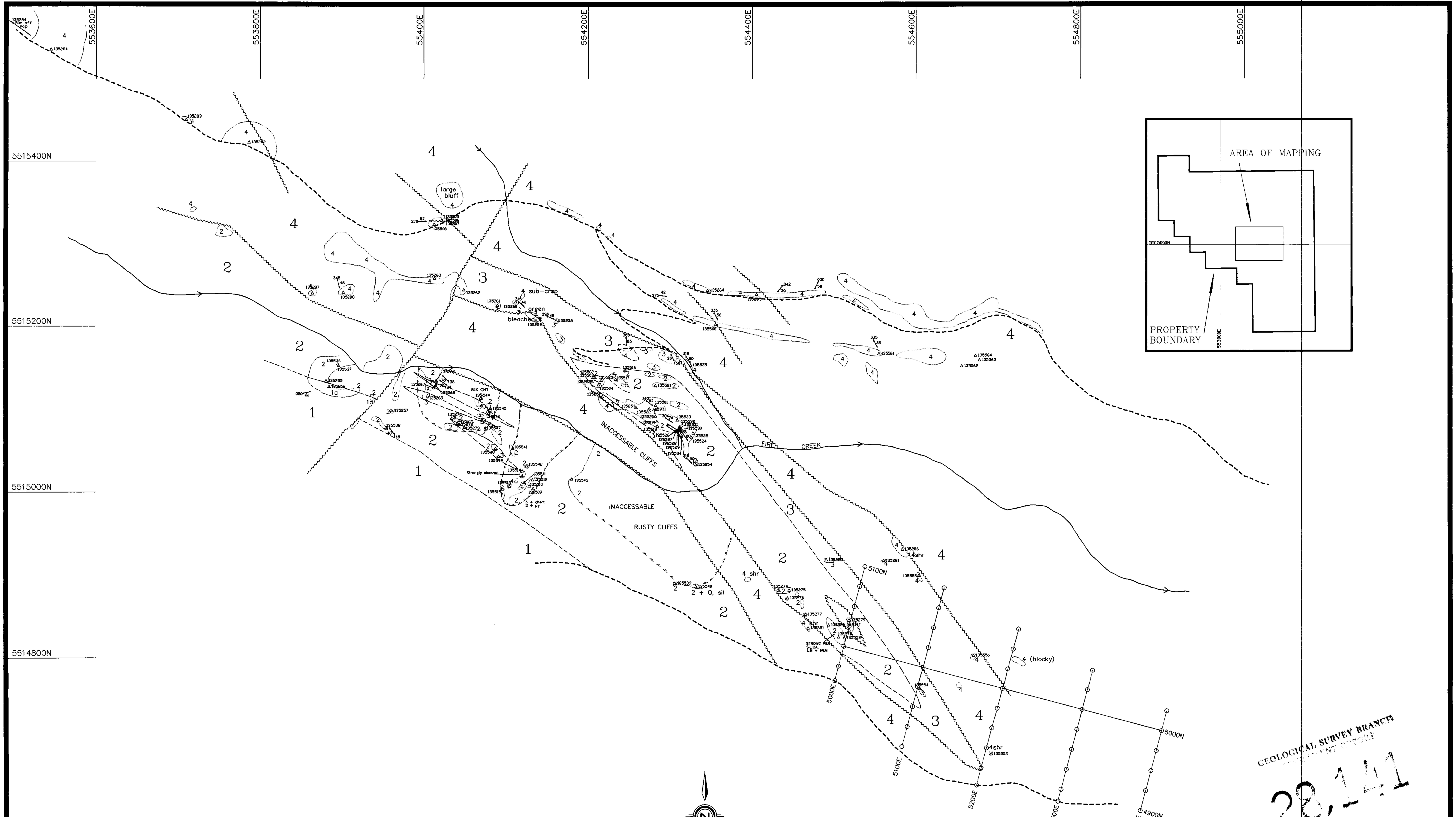
Sample No.	Easting (UTM)	Northing (UTM)	Sample Type	Length (m)	Description
135501	554282	5515104	grab	-	Unit 2, silicified, trace oxidized py,
135502	554208	5515138	grab	-	Grey chert bed in unit 3, trace vfg rusty py
135503	554208	5515138	grab	-	Unit 2, strong ser. partings, 10-15% diss py
135504	554212	5515129	grab	-	Unit 2, silicified, wk fol, 3-5% diss py
135505	554022	5515329	cont chip	.80	Unit 4, strongly sheared, minor gouge
135506	554022	5515329	cont chip	.50	Unit 4, strongly sheared, minor gouge
135507	554022	5515329	cont chip	.55	Unit 4, strongly sheared, minor gouge
135508	554012	5515324	grab	-	Unit 4, strg fol., weak bleaching, 5% diss. py
135509	554133	5515004	grab	-	Unit 2, ~50% py
135510	554128	5515007	grab	-	Unit 2 with grey chert, 5-7% diss. py
135511	554122	5515011	grab	-	Unit 2, silicified, ~20% diss. py
135512	554132	5515014	grab	-	Unit 2, silicified, ~20% diss. py
135513	554104	5515007	grab	-	Unit 4, strg sheared, 3-5 % diss. py
135514	554119	5515025	grab	-	Unit 4, strg sheared, 3-5 % diss. py
135515	554096	5515003	grab	-	Unit 2, mod ser, minor yellow min, trace py
135516	554245	5515146	grab	-	Unit 2, mod fol, trace vfg py
135517	554233	5515136	grab	-	Unit 2 with tr chert, strg fol, 5-10% diss. py
135518	554284	5515079	grab	-	Unit 2, silicified, mod ser, trace vfg diss py
135519	554284	5515085	rep. chip	1.0	Unit 2, silicified, mod ser, trace vfg diss py
135520	554282	5515091	rep. chip	1.2	Unit 2, silicified, mod ser, trace vfg diss py
135521	554282	5515128	rep. chip	0.6	Unit 2, silicified, ~2% vfg diss py
135522	554274	5515100	grab	-	Unit 2, silicified, ~2% vfg diss py
135523	554216	5515134	grab	-	Unit 2, sheared & sil with irreg qtz veins
135524	554326	5515065	grab	-	Unit 2, strg sil, 5% dissem vfg py
135525	554328	5515071	rep. chip	1.0	Unit 2, rusty weathering, 1-3% vfg diss. py
135526	554306	5515073	rep. chip	1.0	Unit 4, strg sheared and rusty.
135527	554308	5515074	rep. chip	2.0	Unit 2/3, strg fol, strg ser, trace vfg py
135528	554309	5515074	rep. chip	2.0	Unit 2, strg fol, trace vfg py
135529	554310	5515074	rep. chip	1.5	Unit 2, strg fol, trace mal, sil, 3-5% vfg py
135530	554311	5515075	rep. chip	1.0	Unit 2, strg fol, trace mal, sil, 3-5% vfg py
135531	554312	5515077	rep. chip	1.3	Unit 2, rusty, sil, 5-10% diss. py
135532	554311	5515077	rep. chip	1.3	Unit 2, rusty, sil, 3-5% diss. py
135533	554309	5515086	grab	-	Unit 2, sil, ser, 5-10% diss. py
135534	554314	5515066	grab	-	Unit 2, sil, ser, 5-10% diss. py
135535	554325	5515153	grab	-	Unit 4, sheared, bleached, rusty, 3-5% diss. py
135536	553895	5515154	grab	-	Qtz vein with yellow mineral, 1-2 % fg py
135537	553896	5515152	grab	-	Unit 2, strg sheared, 5-10% vfg diss py
135538	553953	5515077	grab	-	Unit 2, sil, with 3-5% vfg diss py
135539	554306	5514889	grab	-	Unit 2 , sil, rusty, 2-4% diss py
135540	554331	5514884	grab	-	Unit 2 with qtz veins, trace vfg py, trace lim.
135541	554108	5515053	Grab	-	Unit 2, grey, strg sil, ~20% fg diss py

Sample No.	Easting (UTM)	Northing (UTM)	Sample Type	Length (m)	Description
135542	554125	5515031	grab	-	Unit 2, strg sil, ~20% fg diss py
135543	554179	5515014	grab	-	Unit 2, strg sil, 10-15%diss py
135544	554069	5515113	grab	-	Chert, red-brown, well bedded, no py
135545	554080	5515001	grab	-	Unit 2, strg sil, ~10% fg diss py
135546	554078	5515095	grab	-	Unit 3, strg fol, fissile, trace vfg py
135547	554075	5515074	grab	-	Unit 2, sil, trace py
135548	554087	5515053	cont. chip	0.6	Unit 2/3, ser schist with qtz schist, gougy
135549	554091	5515043	grab	-	Unit 3, creamy ser schist, 3-5 % py
135550	554493	5514838	grab	-	Unit 2, sil, wk hem & lim, 1-2 % diss py
135551	554468	5514834	grab	-	Unit 4, wk bleaching, mod sheared, trace py
135552	554512	5514822	grab	-	Unit 2, very strg sil & hem, no py noted.
135553	554690	5514680	grab	-	Unit 4, wk sheared, trace lim, trace py
135554	554604	5514760	grab	-	Unit 3, ser schist, strg fol, fissile
135555	554603	5514898	grab	-	Unit 4, strg sheared, fissile, near main fault
135556	554669	551801	grab	-	Unit 4, bleached, lim, ox py, in old pit
135557	555681	5514872	float	-	Unit 2, sil, 10-15% py, float @ Fire Ck bridge
135558	555681	5514872	float	-	Unit 2, sil, 10-15% py, float @ Fire Ck bridge
135559	555681	5514872	float	-	Unit 2 , sil, chert, 15-20% py, Fire Ck bridge
135560	554355	5515201	rep. chip	1.0	Unit 4, sheared/faulted, bleached, 1% vfg py
135561	554554	5515167	grab	-	Unit 4, sheared, rusty
135562	554655	5515151	float	-	Unit 4, strg silicified, rusty, 5-10% vfg py
135563	554677	5515159	float	-	Unit 4, strg silicified, rusty, 5-10% vfg py
135564	554672	5515164	float	-	Unit 4, strg silicified, rusty, 5-10% vfg py
135251	554217	5515115	grab	-	Qtz vein, rusty, no py.
135252	554205	5515133	grab	-	Unit 2 with chert, 3-5% diss. Py
135253	554258	5515101	grab	-	Unit 2, silicified, trace vfg py
135254	554331	5515032	grab	-	Unit 2, silicified, 2-3 % fg diss py
135255	553881	5515134	rep chip	0.55	Unit 2, sheared/faulted @ arg contact, rusty
135256	553884	5515127	grab	-	Unit 1, rusty
135257	553884	5515098	grab	-	Unit 2, 5-10% diss py
135258	554160	5515206	grab	-	Unit 2, mod fol, rusty
135259	554136	5515207	grab	-	Unit 4, blocky, possibly a dyke
135260	554111	5515230	grab	-	Unit 3, creamy sericite schist, no py noted
135261	554089	5515226	grab	-	Unit 3, creamy ser schist, strg fol, no py
135262	554049	5515245	grab	-	Unit 3, strg fol, rusty, 1% vfg py
135263	554013	5515258	grab	-	Unit 4, wk fol, wk bleached, 1-2 % vfg py
135264	554346	5515244	grab	-	Unit 4 , fresh andesite
135265	554405	5515238	grab	-	Unit 4, veined with cpy, bn, mal
135266	554015	5515134	grab	-	Unit 2, sil, 3-5% diss py
135267	554012	5515126	grab	-	Unit 2, sil, 10-15% diss py
135268	554014	5515129	grab	-	Unit 3, strg ser, strg fol, 5% diss py
135269	554004	5515116	grab	-	Unit 3, strg ser, strg fol, 5% diss py

Sample No.	Easting (UTM)	Northing (UTM)	Sample Type	Length (m)	Description
135270	554038	5515089	grab	-	Unit 4, sheared
135271	554043	5515086	grab	-	Unit 2, wk fol, 2% diss py
135272	554041	5515082	grab	-	Unit 2, strg fol
135273	554049	5515077	talus	-	Unit 2 with scapolite?(yellow mineral)
135274	554432	5514880	grab	-	Unit 2, strg sil, wk fol, trace py
135275	554445	5514880	grab	-	Unit 2, strg sil, wk fol, trace py
135276	554443	5514871	grab	-	Unit 2, strg sil, wk fol, trace py
135277	554465	5514851	grab	-	Unit 2, strg sil, mod fol, trace py
135278	554505	5514823	grab	-	Unit 2, strg sil, cherty
135279	554518	5514844	grab	-	Unit 4 w qtz veins to 2 cm
135280	554490	5514917	grab	-	Unit 2, strg fol, rusty
135281	554560	5514916	grab	-	Unit 4, mod fol, green
135282	553786	5515422	grab	-	Unit 4, wk bleach, mod fol, 3% vfg diss py
135283	553710	5515540	grab	-	Unit 4, mod bleached
135284	553545	5515535	grab	-	Unit 4, bleached, sheared, 1-3 % vfg py
135285	553449	5515595	grab	-	Unit 4, bleached, sheared, strg fol, trace py
135286	554583	5514930	grab	-	Unit 4, very strg fol
135287	553864	5515240	grab	-	Unit 4, mod fol, 10% diss & fract py
135288	553901	5515241	grab	-	Unit 4, mod fol

Drill Core Sample Descriptions

Sample No.	Drill Hole	From (m)	To (m)	Length	Description
135565	87-1	Box 12			Unit 2, clay alt, no py noted
135566	87-1	69.8	70.8	1.0	Unit 2 w chert, fol, from Box 15
135567	87-1	78.3	79.8	1.5	Unit 2, sil, 10% vfg diss py, from Box 17
135568	87-1	80.3	84.3	3.0	Unit 2, sil, 10% vfg diss py, from Box 18
135569	87-1	87.3	88.0	0.7	Unit 2, w 50% massive py interval to 7cm
135570	87-3	76.0	80.0	4.0	Unit 2/3, strg fol, gougy, trace vfg py, Box18
135571	87-3	128.4	132.6	4.2	Unit 3, very strg fol, trace vfg py, Box 30
135572	87-3	167.5	171.4	3.9	Unit 2, strg fol, poss cpy or bn, rusty
135573	87-5	4.40	4.90	0.5	Qtz vein, massive, trace py
135574	87-5	9.8	10.8	1.0	Unit 3, light yellow to white, very strg fol.
135575	87-7	64.9	69.0	4.1	Unit 2, wk clay alt, wk ser fol, trace py
135576	87.7	73.8	74.6	0.8	Qtz vein, white with vuggy py clots
135577	87-7	74.6	78.1	3.5	Unit 2, str fol
135578	Unknown	Unknown			Medium grained silicified dyke rock



LEGEND

LITHOLOGY : ROCK TYPE

1 Shale
2 Quartz-Muscovite-Kyanite Schist
3 Sericite Schist
4 Andesite

SURFACE FEATURES

- OUTCROP
- GEOLOGICAL CONTACT (INFERRED)
- FAULT
- SLIDE / SCARP
- CREEK
- ROAD

STRUCTURE

- CONTACT, inferred
- CONTACT, mapped
- FAULT
- FOLIATION 080 44
- BEDDING 275 42

SAMPLING

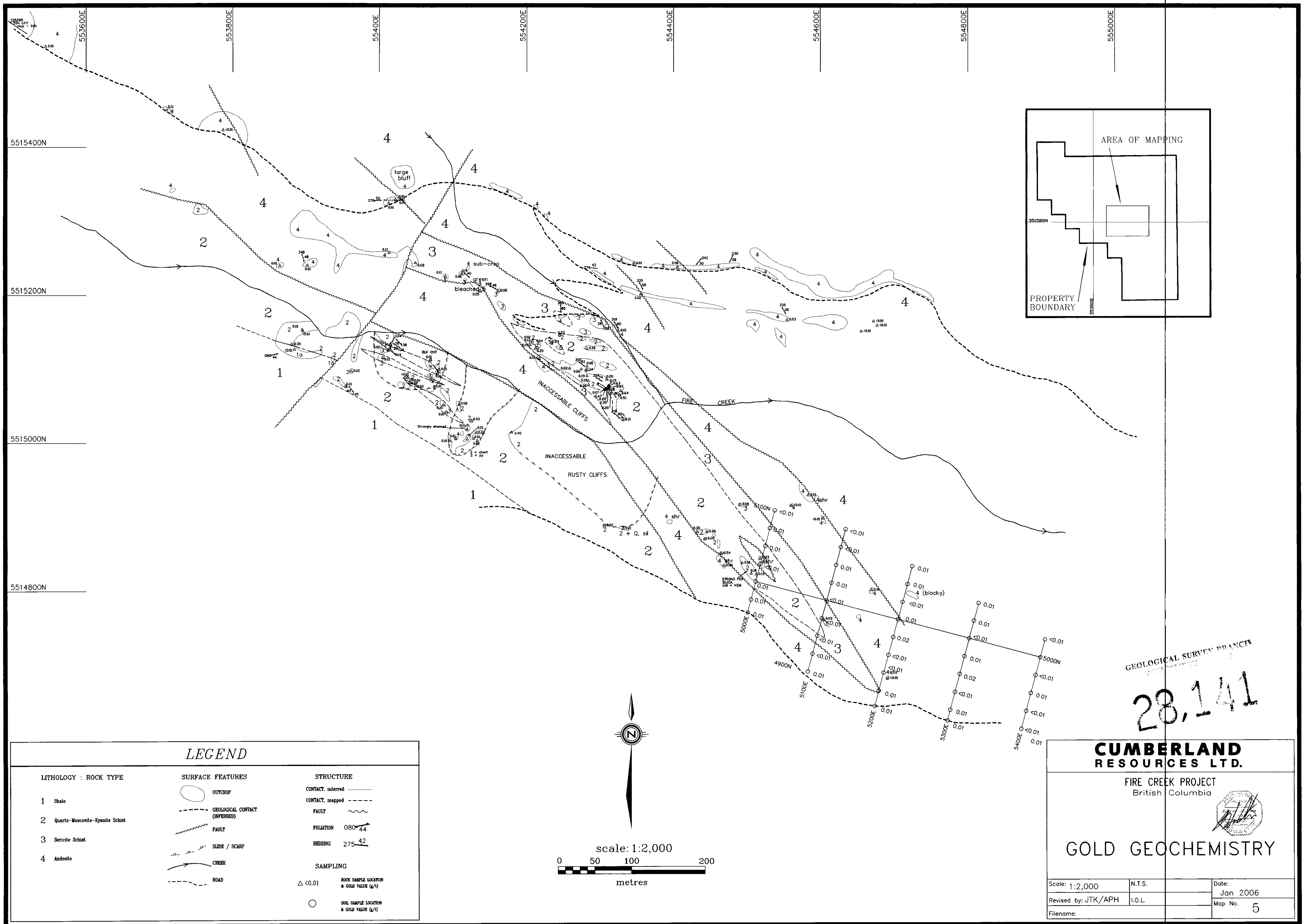
- △ 135553 ROCK SAMPLE LOCATION and NUMBER
- ○ SOIL SAMPLE LOCATION

CUMBERLAND RESOURCES LTD.

FIRE CREEK PROJECT
British Columbia

PROPERTY GEOLOGY & SAMPLE LOCATIONS

Scale: 1:2,000	N.T.S.	Date: Jan 2006
Revised by: JTK/APH	I.O.L.	Map No. 4
Filename:		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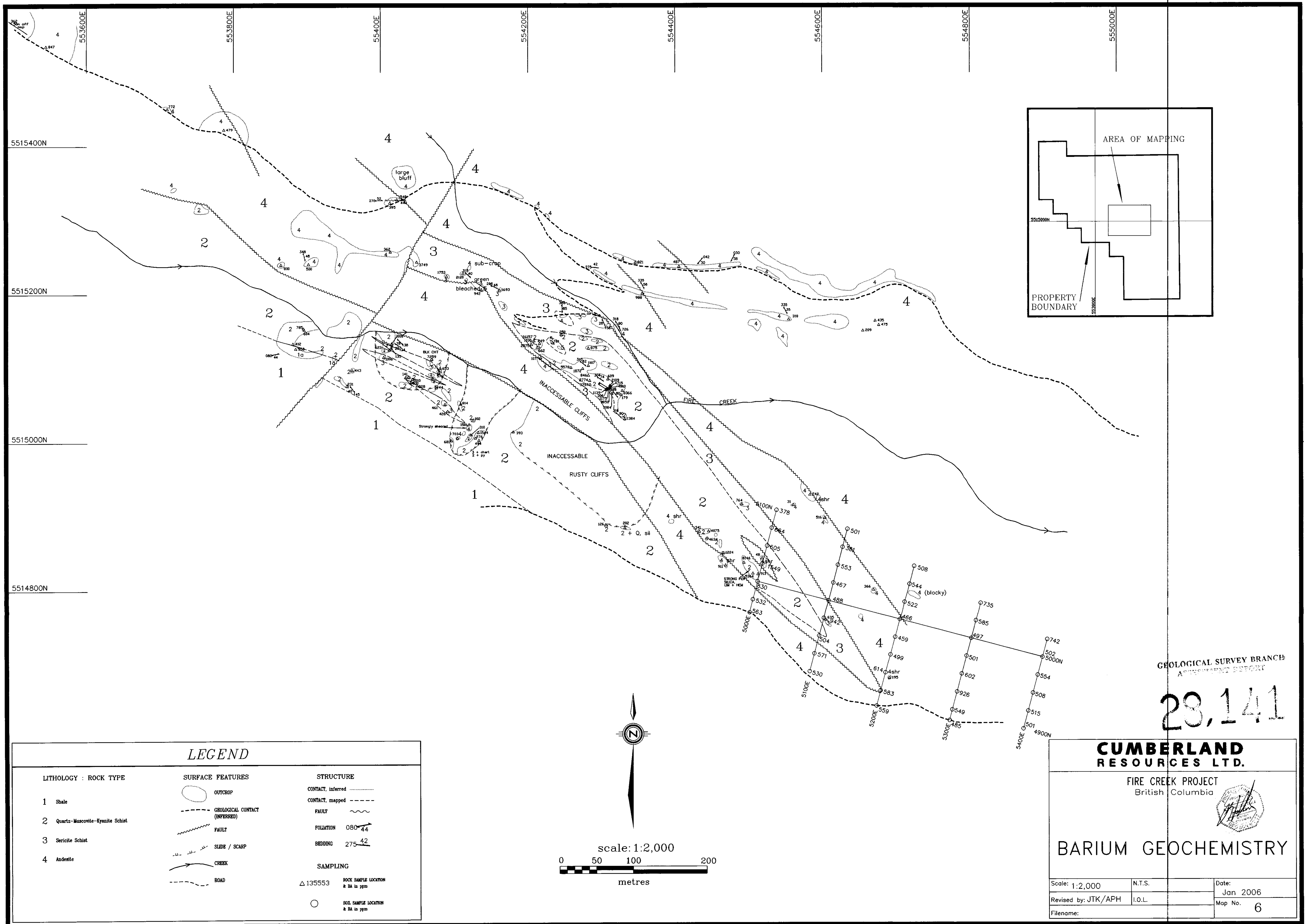
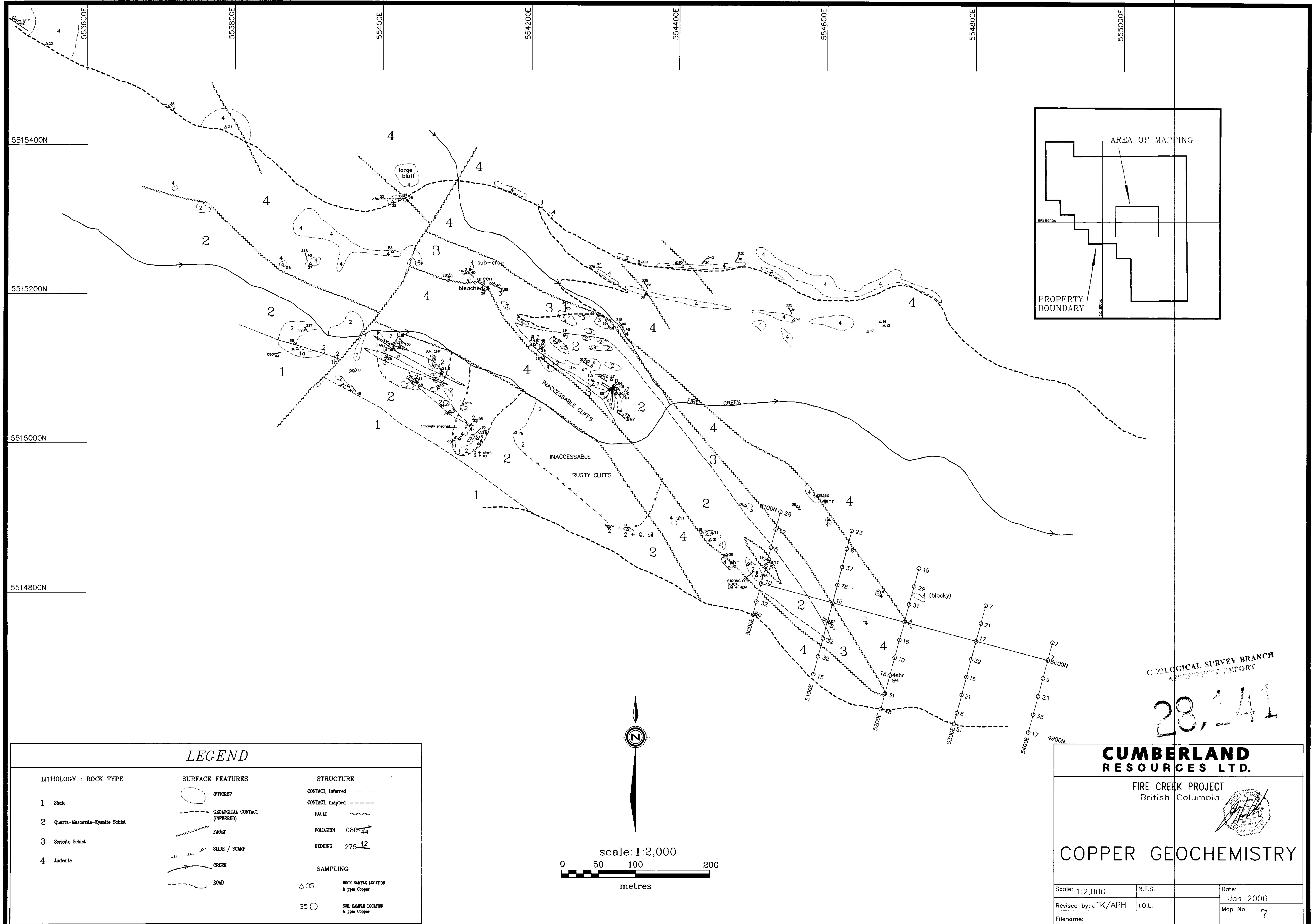
5515000N
5514800N
AREA OF MAPPING
PROPERTY BOUNDARY
large bluff
sub-crop
green
bleached
INACCESSABLE CLIFFS
INACCESSABLE
RUSTY CLIFFS
FIRE CREEK
Strongly sheared
STRONG PERV. SILICA
4 (blocky)
4900N
5000N
5100N
5000E
5100E
5200E
5300E
5400E
LEGEND
LITHOLOGY : ROCK TYPE
1 Shale
2 Quartz-Muscovite-Kyanite Schist
3 Sericite Schist
4 Andesite
SURFACE FEATURES
OUTCROP
GEOLOGICAL CONTACT (INFERRED)
FAULT
SLIDE / SCARP
CREEK
ROAD
STRUCTURE
CONTACT, inferred
CONTACT, mapped
FAULT
FOLIATION 080 44
BEDDING 275 42
SAMPLING
△ <0.01 ROCK SAMPLE LOCATION & GOLD VALUE (g/t)
SOIL SAMPLE LOCATION & GOLD VALUE (g/t)
N
scale: 1:2,000
0 50 100 200
metres
GEOLOGICAL SURVEY BRANCH
28,141
CUMBERLAND RESOURCES LTD.
FIRE CREEK PROJECT
British Columbia
GOLD GEOCHEMISTRY
Scale: 1:2,000
N.T.S.
Date: Jan 2006
Revised by: JTK/APH
I.O.L.
Map No. 5
Filename:


553600E
553800E
554000E
554200E
554400E
554600E
554800E
555000E
5515400N
5515200N
5515000N
5514800N
AREA OF MAPPING
PROPERTY BOUNDARY
large bluff
sub-crop
green
bleached
INACCESSABLE CLIFFS
INACCESSABLE
RUSTY CLIFFS
FIRE CREEK
Strongly sheared
4 (blocky)
5000E
5100E
5200E
5300E
5400E
5100N
5000N
4900N
GEOLOGICAL SURVEY BRANCH
28,141
LEGEND
LITHOLOGY : ROCK TYPE
1 Shale
2 Quartz-Muscovite-Kyanite Schist
3 Sericite Schist
4 Andesite
SURFACE FEATURES
OUTCROP
GEOLOGICAL CONTACT (INFERRED)
FAULT
SLIDE / SCARP
CREEK
ROAD
STRUCTURE
CONTACT, inferred
CONTACT, mapped
FAULT
FOLIATION 080 44
BEDDING 275 42
SAMPLING
△135553 ROCK SAMPLE LOCATION & BA in ppm
SOIL SAMPLE LOCATION & BA in ppm
scale: 1:2,000
0 50 100 200
metres
CUMBERLAND RESOURCES LTD.
FIRE CREEK PROJECT
British Columbia
BARIUM GEOCHEMISTRY
Scale: 1:2,000
N.T.S.
Date: Jan 2006
Revised by: JTK/APH
I.O.L.
Map No. 6
Filename:


553600E
553800E
554000E
554200E
554400E
554600E
554800E
555000E
5515400N
5515200N
5515000N
5514800N
large bluff
sub-crop
green
bleached
INACCESSABLE CLIFFS
INACCESSABLE
RUSTY CLIFFS
FIRE CREEK
Strongly sheared
BLK CHT
STRONG PERV SILICA LIM + HEM
4 (blocky)
2 + Q. sil
5000E
5100E
5200E
5300E
5400E
5100N
5000N
4900N
AREA OF MAPPING
PROPERTY BOUNDARY
scale: 1:2,000
0 50 100 200
metres
LEGEND
LITHOLOGY : ROCK TYPE
1 Shale
2 Quartz-Muscovite-Kyanite Schist
3 Sericite Schist
4 Andesite
SURFACE FEATURES
OUTCROP
GEOLOGICAL CONTACT (INFERRED)
FAULT
SLIDE / SCARP
CREEK
ROAD
STRUCTURE
CONTACT, inferred
CONTACT, mapped
FAULT
FOLIATION 080 44
BEDDING 275 42
SAMPLING
35 ROCK SAMPLE LOCATION & ppm Copper
35 SOIL SAMPLE LOCATION & ppm Copper
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
28,141
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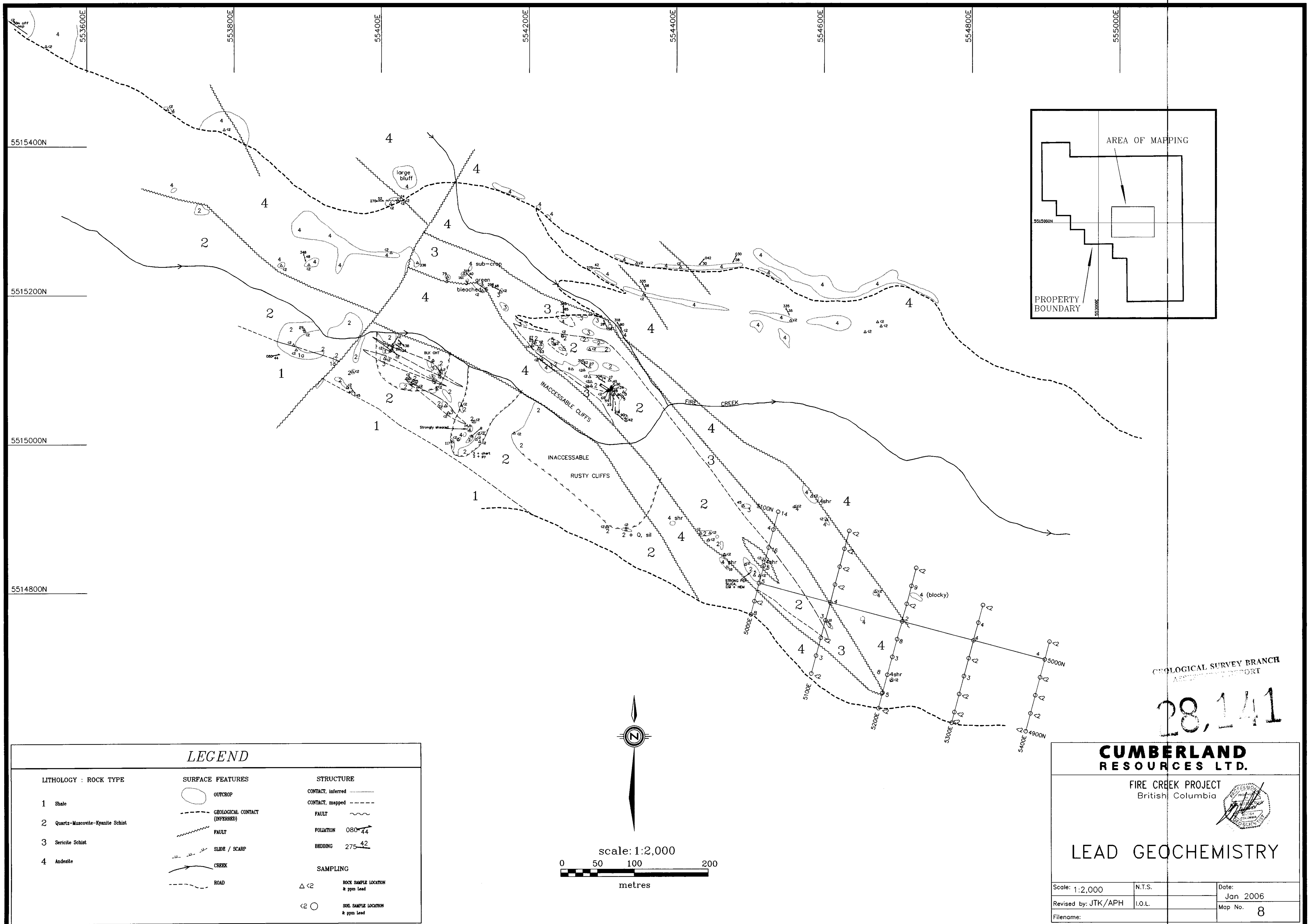
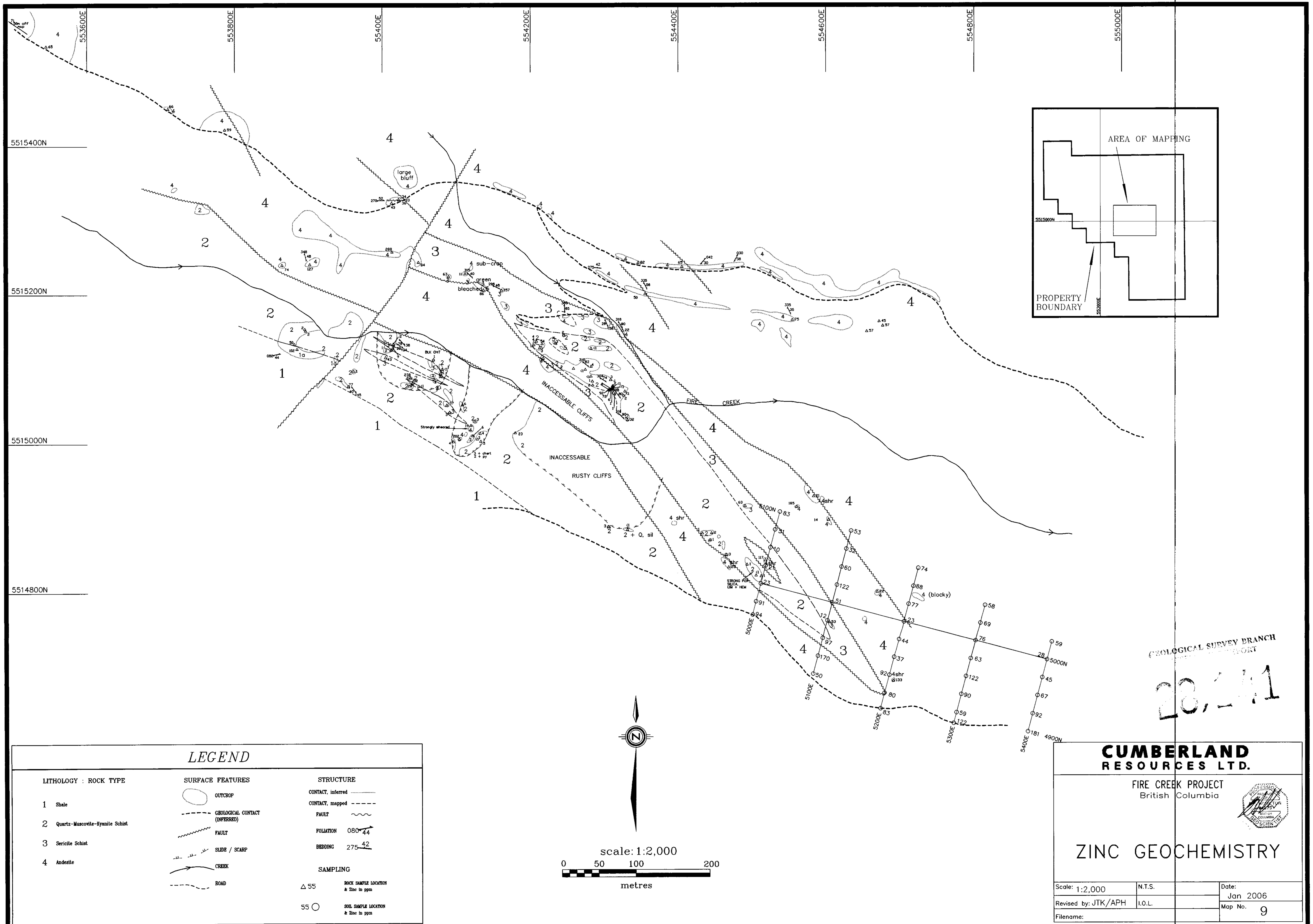
FIRE CREEK PROJECT
British Columbia
COPPER GEOCHEMISTRY
Scale: 1:2,000
N.T.S.
Date: Jan 2006
Revised by: JTK/APH
I.O.L.
Map No. 7
Filename:


553600E
553800E
554000E
554200E
554400E
554600E
554800E
555000E
5515400N
5515200N
5515000N
5514800N
large bluff
sub-crop
green
bleached
INACCESSABLE CLIFFS
INACCESSABLE
RUSTY CLIFFS
FIRE CREEK
Strongly sheared
4 (blocky)
AREA OF MAPPING
PROPERTY BOUNDARY
LEGEND
LITHOLOGY : ROCK TYPE
1 Shale
2 Quartz-Muscovite-Kyanite Schist
3 Sericite Schist
4 Andesite
SURFACE FEATURES
OUTCROP
GEOLOGICAL CONTACT (INFERRED)
FAULT
SLIDE / SCARP
CREEK
ROAD
STRUCTURE
CONTACT, inferred
CONTACT, mapped
FAULT
FOLIATION 080 44
BEDDING 275 42
SAMPLING
ROCK SAMPLE LOCATION & ppm Lead
SOIL SAMPLE LOCATION & ppm Lead
scale: 1:2,000
0 50 100 200
metres
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
28,141
CUMBERLAND RESOURCES LTD.
FIRE CREEK PROJECT
British Columbia
LEAD GEOCHEMISTRY
Scale: 1:2,000
N.T.S.
Date: Jan 2006
Revised by: JTK/APH
I.O.L.
Map No. 8
Filename:


553600E
553800E
55400E
554200E
554400E
554600E
554800E
555000E
5515400N
5515200N
5515000N
5514800N
AREA OF MAPPING
PROPERTY BOUNDARY
large bluff
sub-crop
green
bleached
INACCESSABLE CLIFFS
FIRE CREEK
INACCESSABLE
RUSTY CLIFFS
Strongly sheared
4 (blocky)
5000N
4900N
5100N
5000E
5100E
5200E
5300E
5400E
LEGEND
LITHOLOGY : ROCK TYPE
1 Shale
2 Quartz-Muscovite-Kyanite Schist
3 Sericite Schist
4 Andesite
SURFACE FEATURES
OUTCROP
GEOLOGICAL CONTACT (INFERRED)
FAULT
SLIDE / SCARP
CREEK
ROAD
STRUCTURE
CONTACT, inferred
CONTACT, mapped
FAULT
FOLIATION 080 44
BEDDING 275 42
SAMPLING
55 ROCK SAMPLE LOCATION & Zinc in ppm
55 SOIL SAMPLE LOCATION & Zinc in ppm
scale: 1:2,000
0 50 100 200
metres
N
GEOLOGICAL SURVEY BRANCH
28,241
CUMBERLAND
RESOURCES LTD.
FIRE CREEK PROJECT
British Columbia
ZINC GEOCHEMISTRY
Scale: 1:2,000
N.T.S.
Date: Jan 2006
Revised by: JTK/APH
I.O.L.
Map No. 9
Filename: