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# 2005 Drilling, Prospecting and Geological Mapping Report on the Cascadero Claims



Toodoggone Lake Area
NTS (94 E02, 07)



British Columbia

FOR



Cascadero Copper Corporation
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Maple Ridg,e B.C.

November 24, 2005

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# Table of Contents

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# Table of Contents

## List of Figures

## List of Tables



## Appendices

## 1.0 Summary

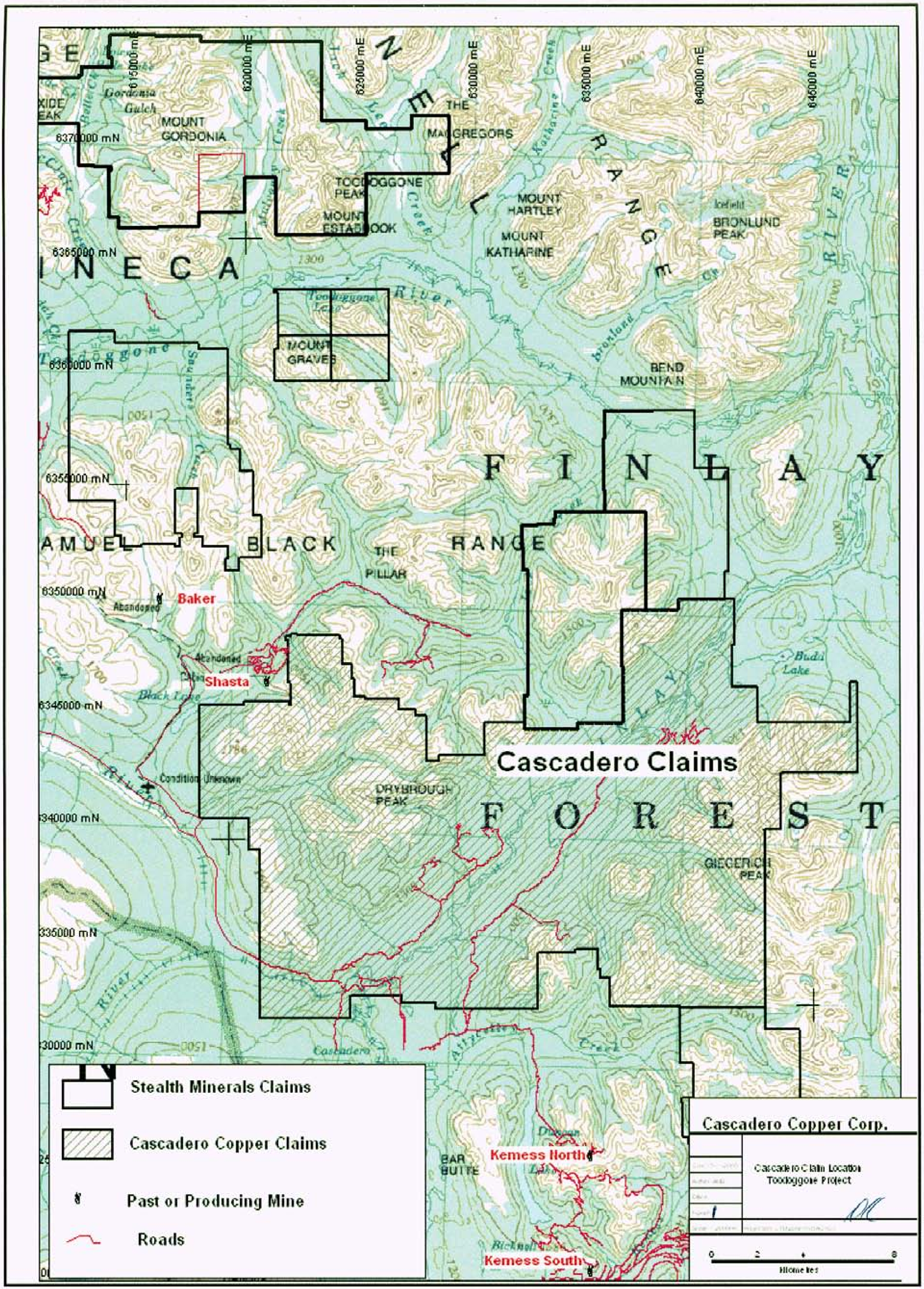
The Cascadero Copper property consists of 109 claims, is comprised of 1,315 units, and covers an area of approximately 32,875 hectares in the Toodoggone region Omineca Mining Division (Figure 1). The Toodoggone Project is located in north-central British Colombia approximately 430 kilometres northwest of Prince George.

The Cascadero claims, are made up of the BLACK 1-10; C-K; CLARK; EASTER 1-3; EASTER SEAL; EGG 2; ELE 1-10; FIN 3, 11-12, 14,16-23, 25-26, 971-974; GLEN; GOV; KATH 5; LY 1-5; MR; N.D.P. PAULA; S.K; SKY 1-26; SONG 1-10; TAX 1-8 and TUFF 1-7. The Cascadero Claim group consists of 686 claim units covering 152.3 square kilometres. Cascadero Copper holds a 100% interest in the Cascadero claims subject to a 3% NSR.

During the 2005 field season 18 holes were drilled for a total of 3830.82m of NTW and BTW sized core on the Mex, Ryan Creek and Fin prospects. The drilling tested the Cu-Au and Cu-Au-Mo porphyry potential for each of these three properties. Geological mapping and outcrop sampling were carried out on the Mex, Fin, Tree, Ryan Creek, Pine North, 10k, Canyon Creek, Steel and Dry Pond prospects. The 9 prospects mentioned above will be the focus of this report.

Cominco's drilling program on the Pinetree property in 1991 saw holes in the vicinity of the 2005 Fin diamond drill holes, however no holes were collared in the immediate area. Geophysics, grab sampling, and geological mapping have historically been done on the Mex and Ryan Creek properties though no diamond drilling programs were carried out prior to this season.

Toodoggone District lies within the eastern margin of the Intermontane Tectonic Belt in the Stikinia and in part, the Quesnellia Terrane. These Terranes consist mainly of island-arc volcanic, plutonic and sedimentary rocks of Late Triassic to Early Jurassic age with a Lower Permian-aged basement represented by the Asitka Group. Granitoid members of



Cascadero Claims
Stealth Minerals Claims
Cascadero Copper Claims
Past or Producing Mine
Roads
Cascadero Copper Corp.
Cascadero Claim Location
Toodoggone Project
Kilometres
Baker
Shasta
Kemess North
Kemess South
Abandoned
Condition Unknown
MOUNT GORDONIA
TOODOGGONE PEAK
MOUNT ESTABROOK
THE MACGREGORS
MOUNT HARTLEY
MOUNT KATHARINE
BRONLUND PEAK
MOUNT GRAVES
BEND MOUNTAIN
THE PILLAR
DRYBROUGH PEAK
GIEGERICH PEAK
BAR BUTTE
FINLAY
RANGE
FOREST
BLACK
6370000 mN
6365000 mN
6360000 mN
6355000 mN
6350000 mN
6345000 mN
6340000 mN
6335000 mN
6330000 mN
615000 mE
620000 mE
625000 mE
630000 mE
635000 mE
640000 mE
645000 mE

the Jurassic Black Lake Intrusive suite have intruded the Triassic and older rocks and are coeval with the Jurassic volcanic rocks. Regional north-northwest trending high-angle normal and strike-slip faults cut through the Toodoggone Project area. Conjugate, high-angle faults cut and displace northwest trending structures, and may in part control the intrusive and hydrothermal activity.

## 2.0 Property Description and Location

The center of the Cascadero claims are located 18km north of Kemess South Mine, and South of the Stealth Minerals Properties (Figure 1). The majority of the claims are accessible by 4WD vehicle or by helicopter. All the Cascadero claims are located in the **Omineca** Mining Division UTM NAD 83 Zone 9 6,338,000m North and 636,000m East on map NTS sheet M94E02, 07E/W. The property consists of 109 mineral claims containing 1,315 units. The Cascadero claim information is summarized in Table I. The Claims have not been legally surveyed. The claims are owned 100% by Cascadero Copper Corporation subject to a 3% NSR.

## 3.0 Access, Climate, Infrastructure, Physiography

Access to a new Stealth Minerals main exploration camp at the junction of the Finlay River and Firesteel River is currently by the all-weather Omineca Resource Access Road, which continues approximately 410 kilometres north from Windy Point, B.C. to the Kemess Mine gate, and by approximately 22 kilometres of summer access road to the camp. Travel time from Prince George is roughly 10 hours, or 7 hours from Mackenzie. The Pine camp - located on Fin Lake - is 30km SE of the main Stealth Minerals Camp and is accessible by 4WD truck or quad.

A new access road connecting the Omineca Resource Road to the deep-sea port of Stewart is proposed, which would reduce transportation costs associated with development and operation of new mining ventures in the Toodoggone. Dominant

## CASCADERO COPPER CORP.
## Table I: Land Claim Tenures

| Tenure Number | Claim Name | Owner | Map Number | Good To Date | Status | Mining Division | Area | Tag Number |
|---|---|---|---|---|---|---|---|---|
| 238305 | FIN #3 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 25 | 34660 |
| 240089 | FIN 11 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 500 | 38324 |
| 240090 | FIN 12 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 500 | 34344 |
| 240091 | FIN 14 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 500 | 38320 |
| 240092 | FIN 16 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 150 | 34346 |
| 240093 | FIN 17 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 200 | 38326 |
| 240094 | FIN 18 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 300 | 38322 |
| 240095 | FIN 19 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 150 | 38323 |
| 241595 | FIN 20 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 500 | 111981 |
| 241596 | FIN 21 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 400 | 111982 |
| 241918 | EASTER 1 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 400 | 108802 |
| 241919 | EASTER 2 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 300 | 108803 |
| 241920 | EASTER 3 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 500 | 108804 |
| 300641 | PAULA | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 500 | 220422 |
| 303156 | EASTER SEAL | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 500 | 122257 |
| 308119 | FIN 21 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 226871 |
| 308120 | FIN 22 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 226872 |
| 308121 | FIN 23 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 226873 |
| 308123 | FIN 25 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 500 | 226875 |
| 308124 | FIN 26 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 500 | 226876 |
| 310038 | SONG 3 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 633935M |
| 310039 | SONG 4 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 633936M |
| 310040 | SONG 5 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 633918M |
| 310041 | SONG 6 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 633919M |
| 310042 | SONG 7 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 633920M |
| 310043 | SONG 8 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 633921M |
| 310044 | SONG 9 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 633922M |
| 310045 | SONG 10 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 635254M |
| 310060 | LY 2 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 25 | 635244M |
| 310061 | LY 3 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 25 | 635245M |
| 310062 | LY 4 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 25 | 635246M |
| 310064 | SONG 2 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 223625 |
| 310066 | EGG 2 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 375 | 224295 |
| 310079 | SONG 1 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 224296 |
| 310080 | LY 5 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 25 | 635247M |
| 310081 | LY1 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 500 | 224269 |
| 352922 | BLACK 1 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 450 | 232620 |
| 352923 | BLACK 2 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 450 | 232622 |
| 352924 | BLACK 3 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 450 | 232623 |
| 352925 | BLACK 4 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 375 | 232700 |
| 352928 | BLACK 5 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 25 | 665828M |
| 352929 | BLACK 6 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 25 | 665829M |
| 352930 | BLACK 7 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 25 | 665830M |
| 352931 | BLACK 8 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 25 | 657598M |
| 352932 | BLACK 9 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 657599M |
| 352933 | BLACK 10 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 657600M |
| 358929 | FIN 971 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 203471 |
| 358930 | FIN 972 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 203472 |
| 358931 | FIN 973 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 203473 |
| 358932 | FIN 974 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 203474 |
| 363244 | SKY 1 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 450 | 236359 |
| 363245 | SKY 2 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 450 | 236360 |
| 363246 | SKY 3 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 450 | 236361 |
| 363247 | TAX 1 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 450 | 236357 |
| 363248 | GOV | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 236356 |
| 363249 | N.D.P. | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 236354 |
| 363250 | S.K | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 236355 |
| 363251 | C-K | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 236362 |

## CASCADERO COPPER CORP.
## Table I: Land Claim Tenures

| Tenure Number | Claim Name | Owner | Map Number | Good To Date | Status | Mining Division | Area | Tag Number |
|---|---|---|---|---|---|---|---|---|
| 363252 | MR. | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 236358 |
| 363253 | GLEN | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 236353 |
| 363254 | CLARK | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 236352 |
| 363255 | TAX 2 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 637632M |
| 363256 | TAX 3 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 637633M |
| 363257 | TAX 4 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 637634M |
| 367803 | KATH 5 | 146771 (100%) | 094E027 | 2009/MAR/31 | GOOD | OMINECA | 300 | 232162 |
| 395990 | SKY 4 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 244420 |
| 395991 | SKY 5 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 244421 |
| 396811 | TAX 5 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713790M |
| 396812 | TAX 6 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713791M |
| 396813 | TAX 7 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713792M |
| 396814 | TAX 8 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713793M |
| 396815 | ELE 7 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713786M |
| 396816 | ELE 8 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713787M |
| 396817 | ELE 9 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713788M |
| 396818 | ELE 10 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713789M |
| 396854 | ELE 1 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713780M |
| 396855 | ELE2 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713781M |
| 396856 | ELE 3 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713782M |
| 396857 | ELE 4 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713783M |
| 396858 | ELE 5 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713784M |
| 396859 | ELE 6 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 25 | 713785M |
| 400566 | SKY 6 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243131 |
| 400567 | SKY 7 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243132 |
| 400568 | SKY 8 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243133 |
| 400569 | SKY 9 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243134 |
| 400570 | SKY 10 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243135 |
| 400571 | SKY 11 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243136 |
| 400572 | SKY 12 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243137 |
| 400573 | SKY 13 | 146771 (100%) | 094E016 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243139 |
| 400574 | SKY 14 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 225 | 243138 |
| 400575 | SKY 15 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 375 | 243140 |
| 400576 | SKY 16 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 450 | 243150 |
| 400577 | SKY 17 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 300 | 243151 |
| 400578 | SKY 18 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 450 | 243141 |
| 400579 | SKY 19 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243142 |
| 400602 | SKY 22 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 350 | 243143 |
| 400603 | SKY 20 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 400 | 243144 |
| 400604 | SKY 21 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 150 | 243145 |
| 400605 | SKY 23 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 400 | 243146 |
| 400606 | SKY 24 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 400 | 243147 |
| 400607 | SKY 25 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 375 | 243148 |
| 400608 | SKY 26 | 146771 (100%) | 094E026 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243149 |
| 400745 | TUFF 1 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 450 | 243154 |
| 400746 | TUFF 2 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 300 | 243155 |
| 400747 | TUFF 3 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 450 | 243156 |
| 400748 | TUFF 4 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 300 | 243157 |
| 400749 | TUFF 5 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243165 |
| 400750 | TUFF 6 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243163 |
| 400751 | TUFF 7 | 146771 (100%) | 094E017 | 2009/MAR/31 | GOOD | OMINECA | 500 | 243164 |
| | | | | | | **Area** | **32875** | |

economic products from the Toodoggone district have been gold and silver in ore, and more recently copper and gold in concentrate.

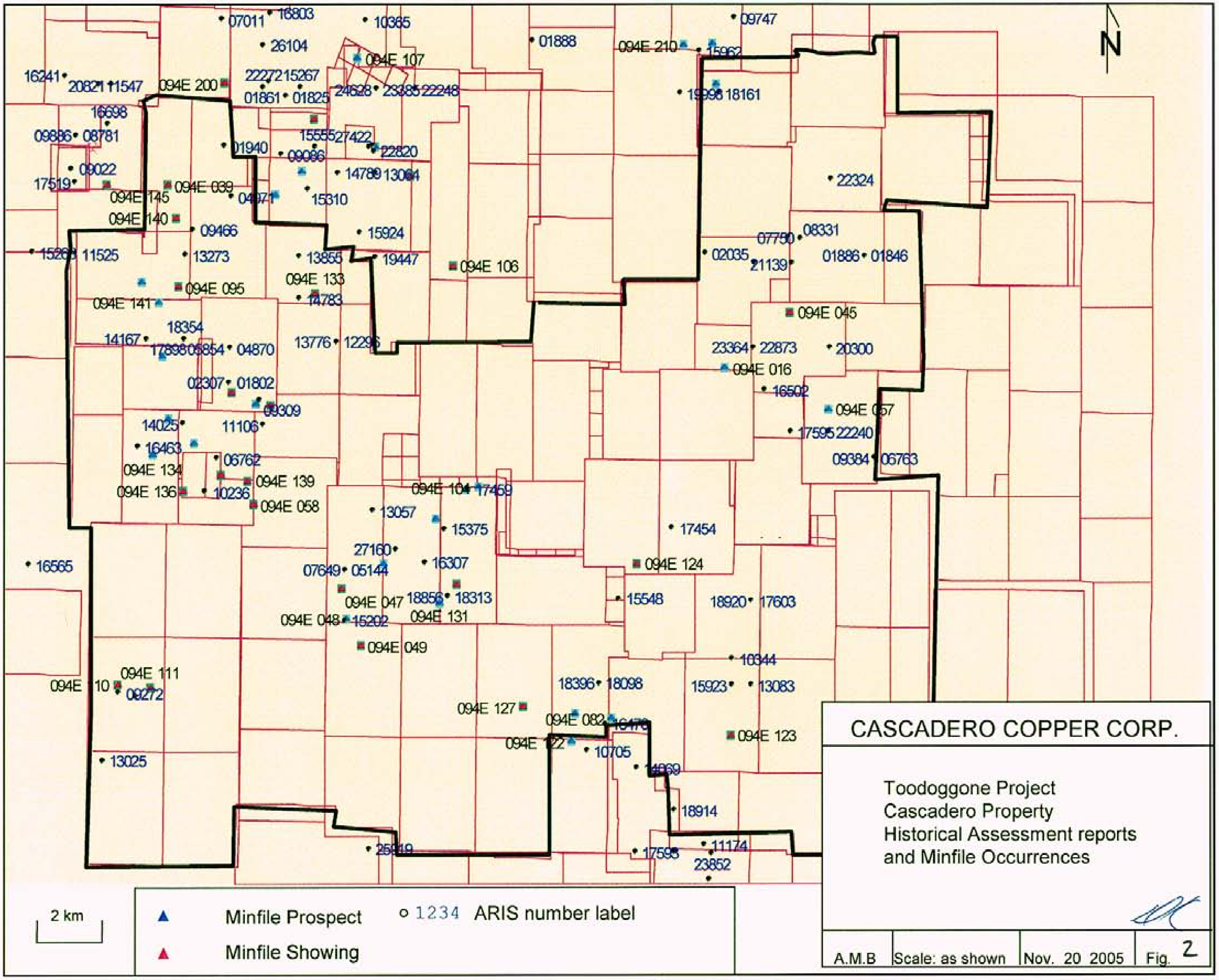
Topography on the Cascadero claims is generally moderate with a large area of glacio-fluvial gravel deposits along the Finlay River valley bottom. The southern most boundaries of the claims consist of steep and cliff forming mountainous zones.

Elevations range from 1020 m in the valleys along the Finlay River to 2300m on Giegerich Peak, located on the western margin of the claims. Slopes above tree line (1600 m) are scree and talus covered, sparsely vegetated by grasses and sedges with willows growing in avalanche chutes. No glaciers or permanent snowfields exist on the claims. Lower slopes to the northeast are forested with balsam at higher elevations and pine-spruce forest, with local areas of swamp at lower levels.

Seasonal temperatures vary from -35° C in winter to 30° C during the 4 months of summer. The mean daily temperatures for July and January are approximately 14°C and -15°C, respectively. Precipitation between 50 and 75 centimetres occurs annually, with most during the winter months resulting in a snow cover of approximately 2 metres. The optimal time for surface exploration on the property is between June and October.

## 4.0 History and Previous Work

The area encompassing the Cascadero Property has been subject to various exploration programs by several major and junior companies from the 1960's to the present. Figure 2 shows the locations of the recorded historical assessment reports and Minfile occurrences within the claim group. Table II lists the reports and summarizes past work on Figure 2. Mineral exploration in the Toodoggone area dates back to the early 1930's when high-grade gold veins were discovered. The remoteness and fixed gold prices made these prospects uneconomic at that time. In the late 1960's major companies such as Cominco recognized the Toodoggone as an under explored copper-gold porphyry district. These companies were exploring for bulk mining opportunities similar to those porphyry


N
2 km
Minfile Prospect
Minfile Showing
1234 ARIS number label
CASCADERO COPPER CORP.
Toodoggone Project
Cascadero Property
Historical Assessment reports
and Minfile Occurrences
A.M.B
Scale: as shown
Nov. 20 2005
Fig. 2

**CASCADERO COPPER CORPORATION**
**Table II: Historical work on the Cascadero Properties**

| Aris Rpt # | Year | Property | Operator | Author | Title | Work Type | Minfile No | Cost/Yr$ |
|---|---|---|---|---|---|---|---|---|
| 1602 | 1969 | Riga | Quebec Cartier Mines | Reeves, A. | Geological Report on the RIGA claim group, Toodoggone Area, Drybrough Peak, BC | Geo | | |
| 1848 | 1969 | Pine | Kennco Explorations (Canada) Ltd | Stevenson, R.W. | Geological and Geochemical Surveys on the Pine No 1, 2, and 3 Groups, Thutade Lake, BC | Geochem, Geo | | ? |
| 1886 | 1969 | Pine | Kennco Explorations (Canada) Ltd | Stevenson, R.W. | Soil Geochemical SLurvey on the Pine No. 2 Group, Thutade Lake, BC | Geochem | | ? |
| 1940 | 1968 | Xmas | Cominco Ltd. | Cooke, David L. | Geological and Geochemical Report on the XMAS NOS. 1-23 Claims, Drybough Peak/Thutade Lake Area, B | Geochem | | $2,320.00 |
| 1983 | 1969 | Pine | Kennco Explorations (Canada) Ltd | Stevenson, R.W. | Kennco Explorations (Western) Limited Report on Soil Geochemical Survey, Pine No. 3 Group | Geochem | | |
| 2035 | 1969 | Pine | Kennco Explorations (Canada) Ltd | Stevenson, R.W. | Kennco Explorations (Western) Limited Report on Soil Geochemical Survey: Pine No. 4 Group (Pine Mineral | Geochem | | $6,000.00 |
| 2307 | 1969 | Ries | Cordilleran Eng. | Crosby, R.O.; Baird, J. | Induced Polarization Survey Report on Ries Claim Group | Geophys (IP) | | $8,500.00 |
| 2326 | 1969 | Pine | Kennco Explorations (Canada) Ltd | Stevenson, R.W. | Report on Geological & Geochemical Surveys - Pine 1-3 Groups | Geochem | | |
| 2380 | 1969 | Pine | Kennco Explorations (Canada) Ltd | Stevenson, R.W. | Geological Report on Pine No. 5 Group | Geo | | |
| 3031 | 1970 | Pine | Kennco Explorations (Canada) Ltd | Stevenson, R.W. | N/A | Geochem, Geophys | | |
| 3119 | 1971 | Pine | Kennco Explorations (Canada) Ltd | Stevenson, R.W. | N/A | Geophys | | |
| 3120 | 1971 | Pine | Kennco Explorations (Canada) Ltd | Stevenson, R.W. | N/A | Geophys | | |
| 3266 | 1971 | Pine | Kennco Explorations (Canada) Ltd | Mullan, A.; Goudie, M. | N/A | Geophys | | |
| 4396 | 1973 | Pine | Kennco Explorations (Canada) Ltd | Mullan, A.; Smith, P.K. | Report on the Airborne Magnetic Survey - Pine Property - Thutade Lake Area | Geophys | | $3,500.00 |
| 4870 | 1973 | Riga | Mines De Cerro Dorado | Needoba, J. | Geological, Geochemical, Geophysical Report on the RN claim Group Drybrough Peak, Toodoggone. | Geo, Phys, Geophys, Geochem | | |
| 4971 | 1973 | Pill No. 1 | Comwest Exploration Company Ltd | Gower, Stephen C. | Geochemical report ont eh Pill no.1 group, Drybrough peak, Thutade lake area | Geochem | | $1,400.00 |
| 5144 | 1974 | Vip | Amax Ex. | Hodgson, C.J. | Geological report on the VIP claim group, Drybrough Peak, Toodoggone area | Geo | | ? |
| 5854 | 1975 | Rn | Mines De Cerro Dorado | Holcapek, J. | Geochemical Report on the RN claim group, Thutade Lake area | Geochem | | $7,800.00 |
| 6762 | 1977 | Amigo | Cominco Ltd. | Casilee, J.C. | Geological and Geochemical Survey Amigo Property | Geochem, Geo | | $2,165.00 |
| 6763 | 1978 | Spirit Group | Eagle Res. | Mirko, John M. | Prospecting Spirit Group | Prospecting | | ? |
| 7750 | 1979 | Fin | Rio Tinto Can. Ex. | Haynes, L.R.; Knight, D. | Geological and Geochemical Survey Fin Claims | Geochem, Geo, Physical | | ? |
| 8331 | 1979 | Pearson | Rio Tinto Can. Ex. | Haynes, L.R. | Diamond Drilling Report Fin 4 Claim | Drilling, Geochem | | ? |
| 8686 | 1980 | FIN | Rio Tinto Can. Ex. | Haynes, L.R.; Campbell, Colin J. | N/A | Drilling, Geophys, Geo | | 156,752.00 |
| 9272 | 1980 | FIRE | Du Pont of Canada Exploration Ltd | Harron, G. | N/A | Geochem, Geo | | 1,830.00 |
| 9309 | 1980 | ACA | Serem | Vulimiri, Mohan R., Crawford, S.A. | N/A | Geochem, Geo | | 6,192.00 |
| 9384 | 1981 | Mex | Cominco Ltd. | Sharp, R. | N/A | Geochem | | 5,500.00 |
| 9486 | 1981 | GOTCHA | Serem | Crawford, S.A. | N/A | Geochem, Geo | | 4,375.00 |
| 9494 | 1980 | Grace | Tunkwa Copper Mines Ltd. | MacQuarrie, D.R. | N/A | Geochem, Geo, Geophys, Pysical | | 10,853.00 |
| 10236 | 1981 | STAR | Serem | Crawford, S.A. | N/A | Geochem | | 4,152.00 |
| 10344 | 1981 | RICH | Golden Rule Resources Ltd | Fox, Michael | N/A | Geophys, Geochem | | 6,524.00 |
| 10705 | 1982 | WRICH | Serem | Vulimiri, Mohan R.; Crawford, S.A. | N/A | Geochem, Geo | | ? |
| 11032 | 1982 | FIN | Brinco Mining Limited | Woodcock, J.R.; Gorc, D.M. | N/A | Geochem, Geo, Physical | 094E 016 | 62,260.00 |
| 11106 | 1982 | ACA, ACAPULC | Serem | Stammers, Mike | N/A | Geochem, Geo, Physical | 094E 003,004,058 | 11,028.00 |
| 12296 | 1983 | GOLDEN RING | Newmont Ex. Of Can. | MacAuley, T.; Cassidy, I. | N/A | Geochem | | 0.00 |
| 13025 | 1984 | LAKE 5 | Pacific Ridge Resources Corp. | Vanderpol, W. | N/A | Geochem, Geo | | 3,502.00 |
| 13057 | 1983 | Grace | Aaltka Resource Corp. | Allen, Donald G.; MacQuarrie, D.R. | N/A | Drilling, Geochem, Geo, Geophys | 094E 047-049 | 5,929,717.00 |
| 13063 | 1983 | RICH | Golden Rule Resources Ltd. | Wilson, G.L. | N/A | Geochem, Geo | | $5,054.00 |
| 13273 | 1984 | DAWN | Newmont Ex. of Can. | Visagie, David A. | N/A | Geochem, Geo, Physical | 094E 095 | $12,832.00 |
| 13776 | 1985 | GOLDEN RING | Newmont Ex. of Can | Downing, Bruce W.; Hanel, T. | N/A | Geochem, Geo, Physical | | 6,953.00 |
| 13855 | 1985 | GOLDEN RING | Newmont Ex. of Can | Downing, Bruce W. | N/A | Geochem, Physical | | 2,848.00 |
| 14025 | 1985 | PUL, STAR | Serem | Crooker, Grant F.; Vulimiri, Mohan R. | N/A | Geochem, Geo, Geophys, Pysical | 094E 058 | ? |
| 14069 | 1985 | WRICH | Serem | Crooker, Grant F.; Vulimiri, Mohan R. | N/A | Geochem, Geo, Geophys, Pysical | 094E 082 | ? |
| 14167 | 1985 | LEGHORN | Energex Minerals Limited | Eccles, L. | N/A | Geochem | | 0.00 |
| 14783 | 1986 | PARADISE 2 | Hudson, William H. (Bill | Butler, Sean P. | N/A | Geochem; Prosp. | | 4,563.00 |
| 15202 | 1986 | Grace | Aaltka Resource Corp | White, Glen E.; Pezzot, E. Trent | N/A | Geophys( mag, emeb) | 094E 047-049 | 5,500.00 |
| 15548 | 1987 | Rod 1 | Cooke, D | NA | N/A | Geochem, Prosp. | | 2,168.00 |
| 15923 | 1987 | Richy 1 | Golden Rule Resources Ltd | Evans, B.T. | N/A | Physical | | $1,100.00 |
| 16463 | 1987 | Acapulco | Cheni Gold Mines Inc. | Ilerbrun, Kelly L.; Piecesh, D. | Claims Physical Work and Diamond Drilling Report on the Pul, Sun and Star | Drilling, Geochem, Physical | 094E 058 | $91,108.50 |
| 16470 | 1987 | Wrich | Cheni Gold Mines Inc. | Reid, Robert; Ilerbrun, Kelly L. | Diamond Drilling Report on the Wrich 1, 2, and 3 Claims | Drilling | 094E 084 | $104,817.42 |
| 16502 | 1987 | Fin 2 | Pearson, Bradford D. | Harris, J. | N/A | Geochem, Geo | 094E 016 | 6,250.00 |
| 17452 | 1988 | Steel | Skylark Resources Ltd. | Burns, P.J. | Geological Report on the Steel 1-2 Claims | Geochem, Geo | 094E 110 | 5,823.25 |
| 17454 | 1988 | Peak | Skylark Resources Ltd. | Burns, P.J. | Geological, Geochemical Report on the Peak 1-2 Claims | Geochem, Geo | 094E 124 | $2,731.90 |
| 17459 | 1988 | Finley River | Skylark Resources Ltd. | Burns, P.J. | Concha 1-7, Skarn 1-4 and Wrich 1-2 Claims Geological, Geochemical Report on the Jok 1-6, Error 1-8, Gra | Geochem, Geo | 094E 047-049 | 61,715.62 |
| 17595 | 1988 | Dawn | Can. Venture | Hermary, R.G.; Woods, Dennis V | Geophysical Report on an Airborne Magnetic and VLF-EM Survey | Geophys | 094E 057 | $1,925.00 |
| 17898 | 1988 | Leghorn | Energex Minerals Limited | Eccles, L | Geochemical Report on the Leghorn Mineral Claim | Geochem | | $5,379.70 |
| 18098 | 1988 | Wrich | Skylark Resources Ltd. | Wese, G.L. | Diamond Drilling Report on the Wrich Group | Drilling, Geochem, Geo | 094E 082 | ? |
| 18161 | 1988 | Fine | Toodoggone Gold Inc | Wares, R.; Dunn, D.St.C. | Eloise, Jeremy, Daniel, Fine, and Barny Claims Summary Report on the Wolverine, Fisher, Gacho, Suet, Go | Geochem | 094E 088 | 35,800.00 |
| 18354 | 1988 | Paradise | Esso Res. | McPherson, M.D. | 1988 Drilling Report on the Paradise Property | Drilling, Geochem | 094E 095 | 26,861.00 |
| 18396 | 1989 | Ricky | Skylark Resources Ltd. | Wese, G.L. | Geochemical Report on the Ricky Claim Group | Geochem, Geo | | $20,374.00 |
| 18858 | 1989 | Grace | Skylark Resources Ltd. | Reynolds, Paul | Drilling Report on the Grace Mineral Claim Group | Drilling, Geochem | 094E 047-049, 104,108,125,125,129,131 | 195,488.00 |
| 18914 | 1989 | Nel | Can. Venture | Seyward, Markus B. | Geophysical Report on the Nel, Nell and Last Mineral Claims | Geophys (mag, airborne) | 094E 081 | 8,625.00 |
| 18920 | 1989 | ERIC | Can. Venture | Arnold, R.R.; Collins, Denis A. | Geophysical Report on the Eric Property | Geophys | | 4,403.32 |
| 18954 | 1989 | Fin | St John, Robert W.; Pearson, M.J. | Pearson, B.D; St. John, Robert W. | Geochemical Report on the Fin Mineral Claim | Geochem | 094E 016 | |
| 19998 | 1990 | Fine | Toodoggone Gold Inc | Seyward, J. | Geological and Geochemical Report on the Fine HV Claims | Geochem, Geo, Physical | 094E 088 | 24,650.00 |
| 20300 | 1990 | Pinetree | Cominco Ltd. | Smith, Scott William | Assessment Report on Rock Sampling and Line Chaining on the Pinetree Property | Geochem, Physical | 094E 016 | 18,107.42 |
| 21139 | 1991 | Pinetree | Cominco Ltd. | Smith, S. | Geological, Geophysical and Diamond Drill Report on the Pinetree | Geochem, Geo, Geophys, Pysical | 094E 016, 057 | 248,071.92 |
| 22240 | 1992 | Mex | Cominco Ltd | Pauwels, A.M.; Baril, J. | Geological and Geochemical Surveys on the Mex Property | Geochem, Geo | 094E 057 | $21,312.72 |
| 22324 | 1992 | Pine | Electrum Resource Corp. | Hartvel, Colin | Geochemical Report on the Easter Seal, Easter and Fin Claims | Geochem | | $3,000.00 |
| 22873 | 1993 | Pine | Romulus Resources Ltd. | Bowen, Brian K. (Barney) | Geological, Geophysical, Geochemical and Drill Report on the Pine Property | Drilling, Geochem, Geo, Geophys, Phy | 094E 016, 045 | ? |
| 23364 | 1994 | Pine | Romulus Resources Ltd. | Rebagliati, C. Mark; Klassen, R. | 1993 Diamond Drilling Program Pine Gold-Copper Porphyry Project | Drilling, Geochem | 094E 016 | ? |
| 25220 | 1997 | Star | Mirko, John M. | Poloni, John R. | Assessment Report on the STAR, PUL, SUN & SKARN Properties | Geochem, Geophys, Physical | 094E 058 | $135,613.38 |
| 25268 | 1997 | Pine | Stealth Mining Corporation | Ostensoe, Erik A. | Report of Geochemical Survey | Geochem | 94E 016 | $19,071.00 |
| 27160 | 2003 | Pine | Stealth Minerals Limited | Blann, David | Geological, Geophysical and Geochemical Assessment Report on the Toodoggone Project, Pine Property | Geochem, Geo, Geophys, Pysical | 094E 047-049,057,082,104,105,125,128, | 678,190.74 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | Total $ in year of expenditure | | $7,963,621.89 |

## CASCADERO COPPER CORPORATION
### Table II: Historical work on the Cascadero Properties

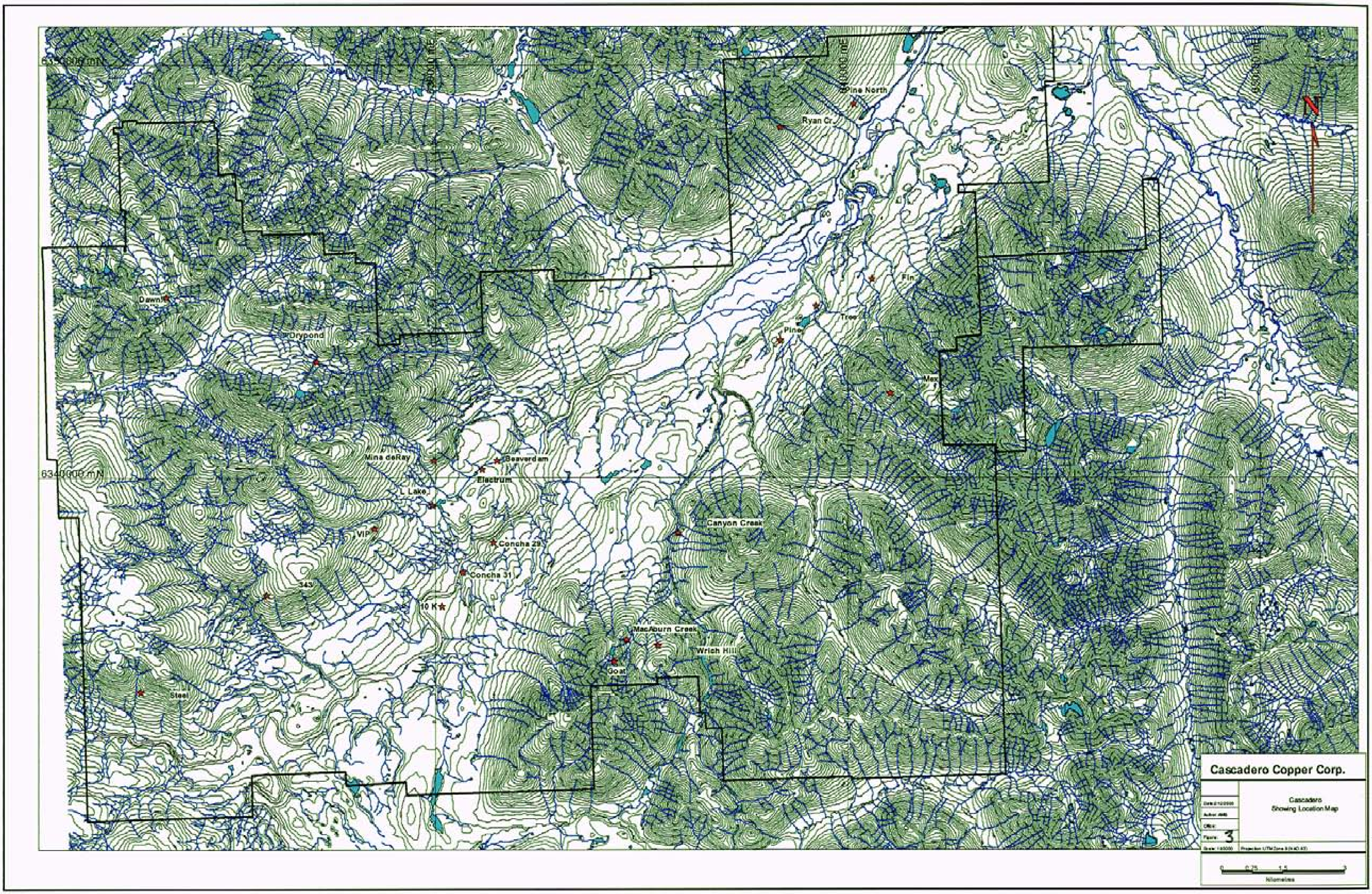
| Minfile # | Names | Status | Commodities | Deposit Type | Comments | Location | Mining Division | |
|---|---|---|---|---|---|---|---|---|
| 094E 003 | DRY 17-20:ACA:PUL | Prospect | CU MO AG | N/A | 5.4mx2.1m vein; 5.7%Cu; 0.01%Mo; 12.34gpt Ag. | 6341969N 625653E | Omineca | |
| 094E 004 | RIGA 15:RIGA:RN:DRY | Showing | CU MO | N/A | 1.2m chip sample 1.3%Cu; 0.01%Mo | 6342196N 624991E | Omineca | |
| 094E 006 | RIGA 24:RIGA:RN:DRY | Showing | AG AU CU PB ZN | N/A | Qtz vein with cpy: 144gpt Ag; 1.68gpt Au; 0.35%Pb; 0.22%Zn; 0.17%Cu. | 6341961N 626039E | Omineca | |
| 094E 016 | PINE | Prospect | CU AU AG MO ZN | L04 : Porphyry Cu ± Mo ± Au. | Drilling: 51m of 4.1gpt Ag; 0.7gpt Au, 0.27%C; (resource: 70,000,000 tonnes 0.15%Cu 0.57gpt Au) | 6343325N 638053E | Omineca | |
| 094E 045 | PINETREE (F2), FIN, F | Showing | CU ZN MO AU | Porphyry Cu +/- Mo +/- Au | Qtz-chl altered diorite (0.952%Cu), chl alt granodiorite (0.18%Mo.) | 6344620N 639722E | Omineca | |
| 094E 047 | VIP 7: VIP; VIP1-40 | Showing | CU ZN AG AU | K01 : Cu skarn | Garnet+magnetite skarn 20gpt Ag, 5.2% Cu; 0.34gpt Au; 0.011%Zn. | 6338022N 628094E | Omineca | |
| 094E 048 | VIP 30: VIP: GRACE | Prospect | CU AU AG ZN | K01 : Cu skarn | Skarn zone: 7.6gpt Ag; 0.47% Cu; 1.47gpt Au over 3.05m in DDH | 6337377N 628265E | Omineca | |
| 094E 049 | VIP: VIP 1-40: GRACE | Showing | CU AG AU | N/A | 4.57m chip across vein: 4.8gpt Ag, 0.12%Cu; 0.034gpt Au | 6336801N 628663E | Omineca | |
| 094E 057 | Max | Prospect | CU AU | Porphyry Cu +/- Au | Altered monzonite grab sample: 0.14% Cu, 2.5gpt Ag, 0.006gpt Au | 6342536N 640835E | Omineca | |
| 094E 056 | AMIGO | Showing | CU ZN AG PB | K02 : Pb-Zn skarn | Skarn zone: 178.0gpt Ag; 3.73%Zn; 0.024% Pb | 6339773N 625870E | Omineca | |
| 094E 082 | WRICH 2:WRICH | Prospect | AG AU | H05 : Epithermal Au-Ag: low sulphide | Grab sample chalcedony+clay 696.43 gpt Ag, 6.58gpt Au; DDH 87-W3 126.86gpt Ag/1m (81m-82m) | 6335499N 635368E | Omineca | |
| 094E 086 | NUB 2: NUB MTN GRC | Prospect | AU AG ZN CU PB | N/A | Qtz vein with galena+sphalerite: 7.9gpt Au; 6.0gpt Ag; 3.5% Zn; 0.44% Cu; 0.06%Pb. | 6349529N 637543E | Omineca | |
| 094E 095 | DAWN:SHASTEX:SHA | Showing | AU AG | H05 : Epithermal Au-Ag: low sulphide | DDH through qtz stockwork breccia: 2.65gpt Ag; 1.01gpt Au over 7m | 6344471N 623479E | Omineca | |
| 094E 104 | BEAVER DAM; GRACE | Prospect | AG AU | H05 : Epithermal Au-Ag: low sulphide | Qtz stkwk+breccia systems: 59gpt Au; 0.53gpt Au over 2.58m | 6340422N 631614E | Omineca | |
| 094E 105 | Goat | Prospect | AU, AG, ZN, PB, CU | H05 : Epithermal Au-Ag: low sulphide | Qtz+carb veins upto 1m wide in zone 300m wide (209.0gpt Au, 204.7gpt Au) | 6335552N 634402E | Omineca | |
| 094E 106 | JOK, JOK 3: JOK1-6 | Showing | CU | H05 : Epithermal Au-Ag: low sulphide | Qtz-chalcedony + amethystine qtz veins: 2.4gpt Ag; 0.005%Zn; 0.002%Pb; 0.0019%Cu. | 6345253N 630768E | Omineca | |
| 094E 110 | STEEL 1: STEEL | Showing | CU | L04 : Porphyry Cu +/- Mo +/- Au | Chalcopyrite, malachite in qtz-carb shear 0.44%Cu; 1.6gpt Ag; 0.027gpt Au. | 6335679N 622263E | Omineca | |
| 094E 111 | STEEL 2: STEEL 1-2; | Showing | CU AU AG | L04 : Porphyry Cu +/- Mo +/- Au | Chalcopyrite, malachite in qtz carb vein 0.33%Cu; 5.4gpt Ag, 3.25gpt Au | 6335643N 623139E | Omineca | |
| 094E 122 | Wrich 1: Wrich 2: | Prospect | AG ZN PB CU MO | H05 : Epithermal Au-Ag: low sulphide | Four parallel qtz-carb veins 1-3m wide, strike up to 110m | 6334945N 634337E | Omineca | |
| 094E 123 | RICH 1, RICHY 1 | Showing | CU | N/A | Qtz+CC veins 2.5cm wide cutting shear zone 1.5gpt Ag, 0.013gpt Au | 6335265N 638542E | Omineca | |
| 094E 124 | PEAK:PEAK 1:PEAK 2 | Showing | AG AU | H05 : Epithermal Au-Ag: low sulphide | Limonite gossans: 176gpt Ag, 1.32gpt Au | 6336921N 635898E | Omineca | |
| 094E 126 | ELECTRUM:GRACE:G | Prospect | AG AU | H05 : Epithermal Au-Ag: low sulphide | 1988 DDH: 24.7gpt Ag/2m; 852.7gpt Ag/0.3m; 10.153gpt Ag/0.3m | 6340350N 631297E | Omineca | |
| 094E 127 | Skarn 2: Skarn 1-4 | Showing | AG PB ZN CU | I05 : Polymetallic veins Ag-Pb-Zn+/-A | Qtz vein 75.9gpt Ag; 3.33%Pb; 2.26%Zn; 0.97%Cu | 6335627N 633022E | Omineca | |
| 094E 128 | MINA DE RAY, GRACE | Prospect | AG AU | H05 : Epithermal Au-Ag: low sulphide | DDH (in 1989) intersected 51.5gpt Ag; 1.03 gpt Au over 10m | 6339677N 630546E | Omineca | |
| 094E 129 | GRACE 1; GRACE: | Prospect | AG AU CU ZN | K03 : Fe skarn | DDH over 5.03m; 112.1gpt Ag, 0.51%Cu; 0.33gpt Au; 0.079%Zn | 6336613N 629201E | Omineca | |
| 094E 131 | Conche 31: Conche | Prospect | AG AU CU | N/A | Mav cpy+py in qtz gangue over 1m 92.9gpt Ag; 0.58gpt Au; 0.66% Cu | 6337826N 630722E | Omineca | |
| 094E 132 | Conche 32: Conche | Showing | AG ZN PB CU | N/A | 27gpt Ag; 0.31gpt Au; 1.02% Cu from qtz-carb veins | 6338272N 631128E | Omineca | |
| 094E 133 | GOLDEN RING 2 | Showing | AG PB ZN AU | N/A | 2m chip sample through qtz stockwork with diss. Galena+pyrite: 34gpt Ag, 5.1% Pb; 0.13%Zn, 0.015%Cu; 0 | 6344489N 627120E | Omineca | |
| 094E 134 | STAR1; STAR; ACA; | Prospect | CU AG AU | K03 : Fe skarn | Magnetite skarn in DDH: 2.67% Cu; 1.87gpt Au, 93.6gpt Ag | 6340743N 622909E | Omineca | |
| 094E 135 | STAR 2: STAR: ACA: F | Prospect | AG AU PB CU ZN | K02 : Pb-Zn skarn | Galena+cpy in skarn grab sample: 1097.1gpt Ag; 17.14gpt Au | 6341559N 623346E | Omineca | |
| 094E 136 | SUN 1: SUN: STAR: AC | Showing | AG AU CU | N/A | Tetrahedrite +bornite in veins: 126.88gpt Ag; 2.06gpt Au | 6339995N 623815E | Omineca | |
| 094E 137 | PUL 1: PUL: ACA:CO:S | Prospect | AG PB CU AU | K01 : Cu skarn | 160m x 20m skarn zone; galena+cpy, 144gpt Ag. | 6341054N 624069E | Omineca | |
| 094E 138 | PUL 7: PUL; ACA; CO | Showing | AG AU CU PB ZN | N/A | Chalcopyrite+magnetite vein 279.4gpt Ag, 0.30gpt Au, 2.58%Cu; 0.82%Pb; 0.11%Zn. | 6340365N 624795E | Omineca | |
| 094E 139 | PUL 10:PUL:ACA:CO:S | Showing | CU AG | N/A | Vein with cpy in qtzdiorite-monzonite; 146.7gpt Ag; 0.07gpt Au; 2.48%Cu. | 6340293N 625503E | Omineca | |
| 094E 140 | SHASTEX:SHASTEX 1 | Showing | AG AU | N/A | Qtz veins and stringers: 100gpt Ag; 0.193gpt Au. | 6345964N 623350E | Omineca | |
| 094E 141 | DAWN 2:DAWN:SHAT | Prospect | AG PB ZN CU AU | H05 : Epithermal Au-Ag: low sulphide | Chip samples through veins: 0.795gpt Au; 81.3gpt Ag. | 6344117N 623003E | Omineca | |
| 094E 143 | FOGHORN:LEGHORN: | Prospect | AG AU | H05 : Epithermal Au-Ag: low sulphide | Chip samples from qtz vein: 45.5gpt Ag; 2.6gpt Au | 6344536N 622537E | Omineca | |
| 094E 144 | LEGHORN 1; LEGHOR | Prospect | AG AU ZN PB ZN | N/A | Qtz+carb vein system; 268gpt Ag; 0.12gpt Au | 6342914N 623140E | Omineca | |

deposits that had been discovered and were in preparation for production in the central interior of the province. Initial prospecting and mapping was completed in the Black Lake, Shasta, Pine, Kemess North, Brenda and Sickle areas during this time.

Thirty-six Minfile showings exist on the Cascadero properties ranging from Cu skarn, Pb-Zn skarn, Fe skarn, polymetallic veins, epithermal-low sulphidation and Au-Cu-Mo porphyry, deposits. Only showings for which work was completed during the 2005 field season will be summarized below, other historical data is summarized in Table II.

The Pine-Tree-**Fin** area (Figure 3) was identified by Kennco prospectors in their initial pass though the district and was explored with geochemical and geological surveys, aeromagnetic and ground induced polarization surveys between 1968 and 1973, and drilled with one drillhole in 1972. Minfiles (094E 016, 094E 045) inclusive of the Pine-Tree-Fin area suggest the Pine deposit has reserves of up to 70,000,000 tonnes at 0.15% Cu and 0.57g/tn Au. Pine area was drilled in 1980, 1990, 1993, and 1997. Figure 4 shows location of historical drillholes. Drilling on the Fin occurred as part of Cominco's 1990 drill program which included 23 vertical percussion holes for a total of 1460m on the Pine-Tree-Fin areas (Assessment report #21139). No significant copper, gold or molybdenum values were recovered from this drill program on the Fin area.

**Mex** prospect (Figure 3), minfile (094E 057), was initially explored in 1977 by Cominco Ltd. Cominco carried out geological mapping in conjunction with rock and soil geochemical sampling for copper, molybdenum, gold, lead, tungsten and later silver. In 1981, Cominco conducted another program of soil, silt, moss matt and rock chip geochemical sampling and geological mapping with high values of copper and gold recorded from rock, soil and silt samples. Electrum Resources obtained control of the Mex in 1996 and was included in the Stealth Minerals Ltd-Electrum Resources joint venture in October 1996. Stealth Minerals conducted soil and rock geochemistry over the exposed zones with favourable results that agree with the Cominco samples. A geophysical program conducted over the Mex area in 2002 revealed a large magnetic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Showing Location Map
Figure 3
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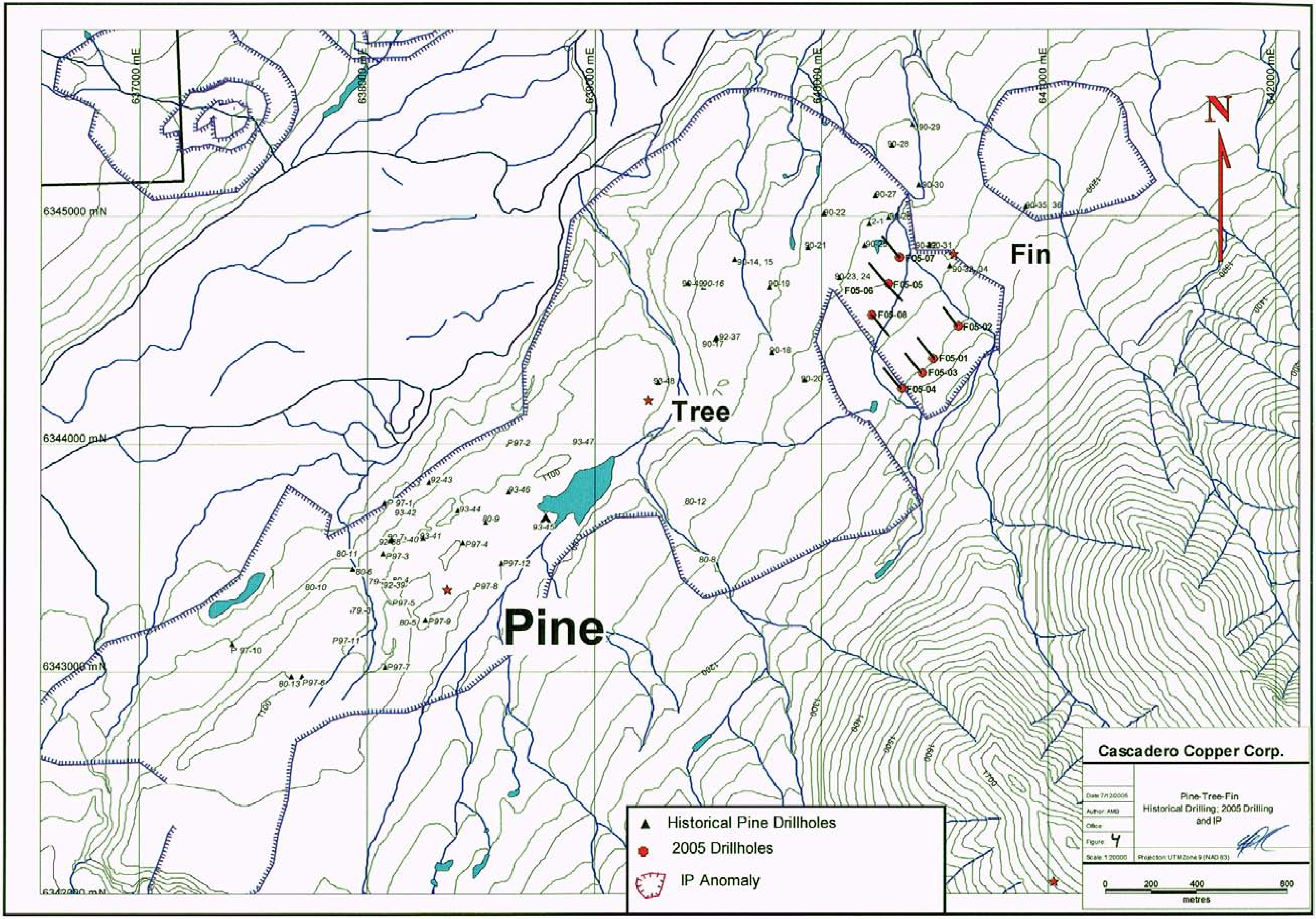

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Historical Pine Drillholes
2005 Drillholes
IP Anomaly
Cascadero Copper Corp.
Pine-Tree-Fin
Historical Drilling; 2005 Drilling and IP
Figure 4
Scale 1:20000
Projection: UTM Zone 9 (NAD 83)
0 200 400 800
metres
F05-01
F05-02
F05-03
F05-04
F05-05
F05-06
F05-07
F05-08

feature with a related conductive zone. The geophysical signature of the rocks was supported by abundant iron rich rocks on surface including pyrite, magnetite and chalcopyrite.

The **Ryan Creek** zone (Figure 3) located on the North side of the Finlay River was covered, in part, by regional geochemical, airborne, magnetic and prospecting surveys by Kennco in 1968-1973. Ryan Creek porphyry prospect was discovered by Stealth Minerals Ltd. in 2003. Prospecting, rock geochemical sampling and grid geochemical sampling on the Ryan Creek prospect were completed during the 2003 field season.

Precious metal and base metal mineralization were discovered in the vicinity of the **10K** prospect (Figure 3) in 2003 by Stealth Minerals prospectors. Subsequently Stealth carried out prospecting, rock geochemical survey, excavator trenching, grid-based soil geochemical surveys, geological mapping, induced polarization and resistivity geophysics magnetometer survey in summer of 2003. Prior to 2003 discovery, minimal work involving regional surveys by Cominco and Skylark, in the low lying areas of the Finlay River were done in the 10K region.

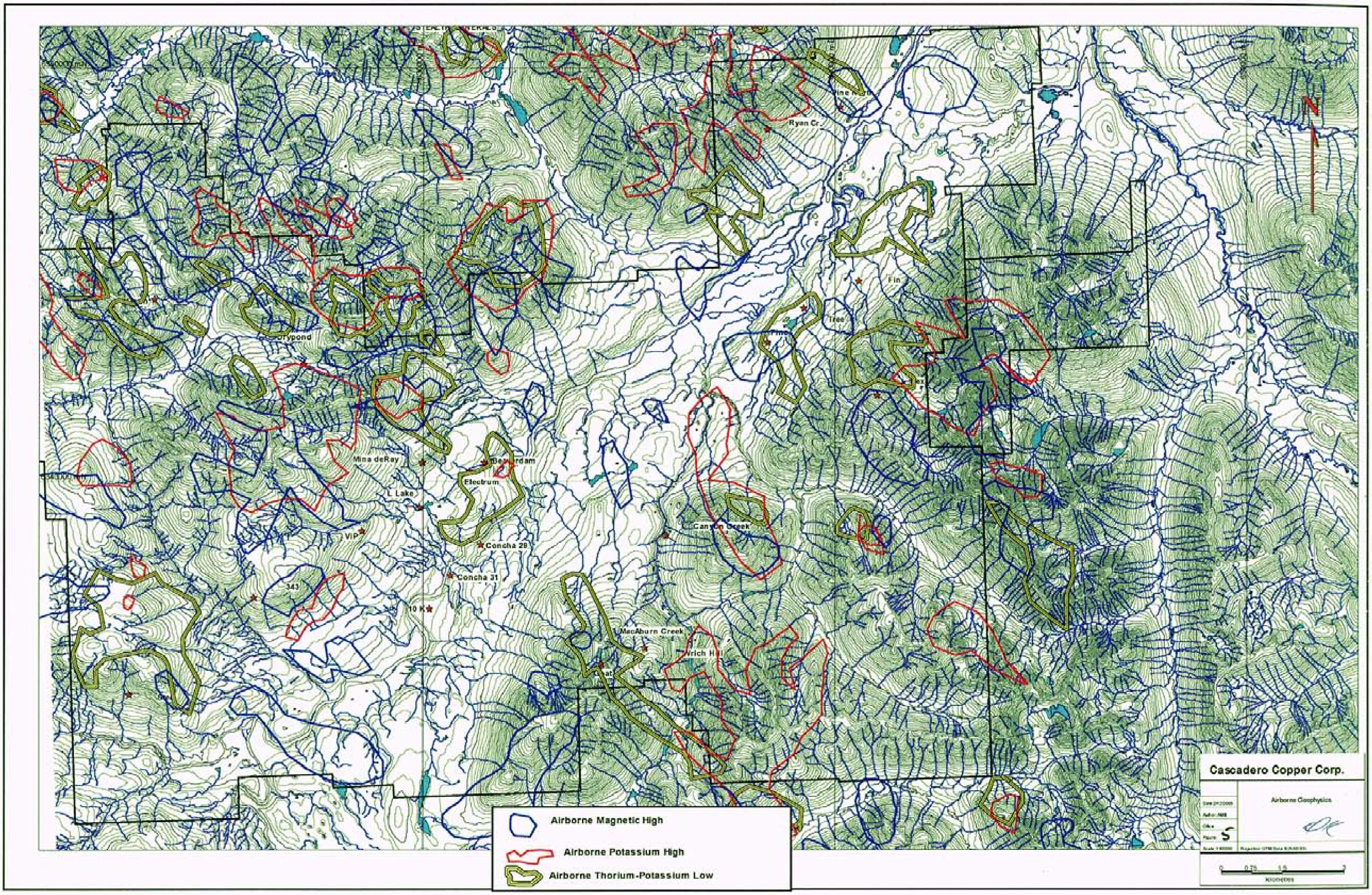
**Canyon Creek** area (minfile 094E 124) is located north of Wrich Hill (Figure 3). Grab samples from a rusty pyrite leached gossan in 1988 recovered 178g/tn Ag and 1.32g/tn Au (Assessment Report 17454). Minimal geological mapping and geochemical analysis of prospector grab samples was completed by Stealth Minerals in 2003.

The **Steel** target (minfiles 94E 110, 94E 111) located immediately north of the Finlay River and on the south-western boundary of the Cascadero claims (Figure 3), were initially explored by Skylark Resources Ltd in 1988. The Steel Cu-Mo-Au porphyry showing has recorded historical values of 0.44% Cu; 1.6g/tn Ag; 0.027g/tn Au from quartz-carbonate shear and 0.33% Cu; 5.4g/tn Ag, 3.25g/tn Au from a quartz carbonate vein. In 2003 Stealth Minerals analysis of prospecting rocks from the Steel claims recovered seven samples between 0.1% and 0.9% Cu and one samples >1% Cu and gold values up to 2.12g/tn Au.

**Dry Pond** showing located north of the Steel claims (Figure 3) were subjected to extensive prospector rock sampling, induced polarization and magnetic survey in 2003 by Stealth Minerals. Geophysics on the property was unsuccessful due to poor ground conditions. Stealth Minerals discovered three zones mineralization. The first set of quartz-magnetite-pyrite-chalcopyrite veins occur in an area 800m long by 250m wide along the silicified and sericitized quartz monzonite porphyry located 500m west of the dry pond lake. The veins occur over an area 800m long by 250m wide that trends along the contact of the quartz monzonite pluton and Asitka siltstone and blue grey lithic tuff located south of the dry pond lake (Dawson, 2004). The second set of quartz-pyrite-chalcopyrite ± molybdenite veins located on the north side of the dry pond lake cover an area approximately 1500m by 1500m. The third zone of mineralization is a prograde skarn assemblage of pyrite, magnetite, chalcopyrite, and lesser sphalerite, bornite and galena, with green diopside and orange to yellow-green garnet, located in a marble north of the dry pond. Copper geochemistry from prospector samples in the three mineralized zones on Dry Pond recovered 13 grab samples with values between 0.09% Cu and 0.671% Cu (Dawson, 2004).

As part of a 2003 Private-Public-Partnership (PPP) with the Government's of Canada and BC, the Cascadero claims were flown as part of a multi-parameter helicopter-borne geophysical survey, which data are now publicly available on the MapPlace website. Several high-total potassium anomalies and thorium-potassium ratio lows were detected shown in (Figure 5).

Historically, there has been in the order of **$7,993,621.89** spent on the Cascadero claims. A 43-101 non-compliant mineral resource for the Pine deposit has been estimated at 70,000,000 tonnes of 0.15% Cu and 0.57g/tn Au (Minfile 094E 016, 094E 045).



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10 K
Canyon Creek
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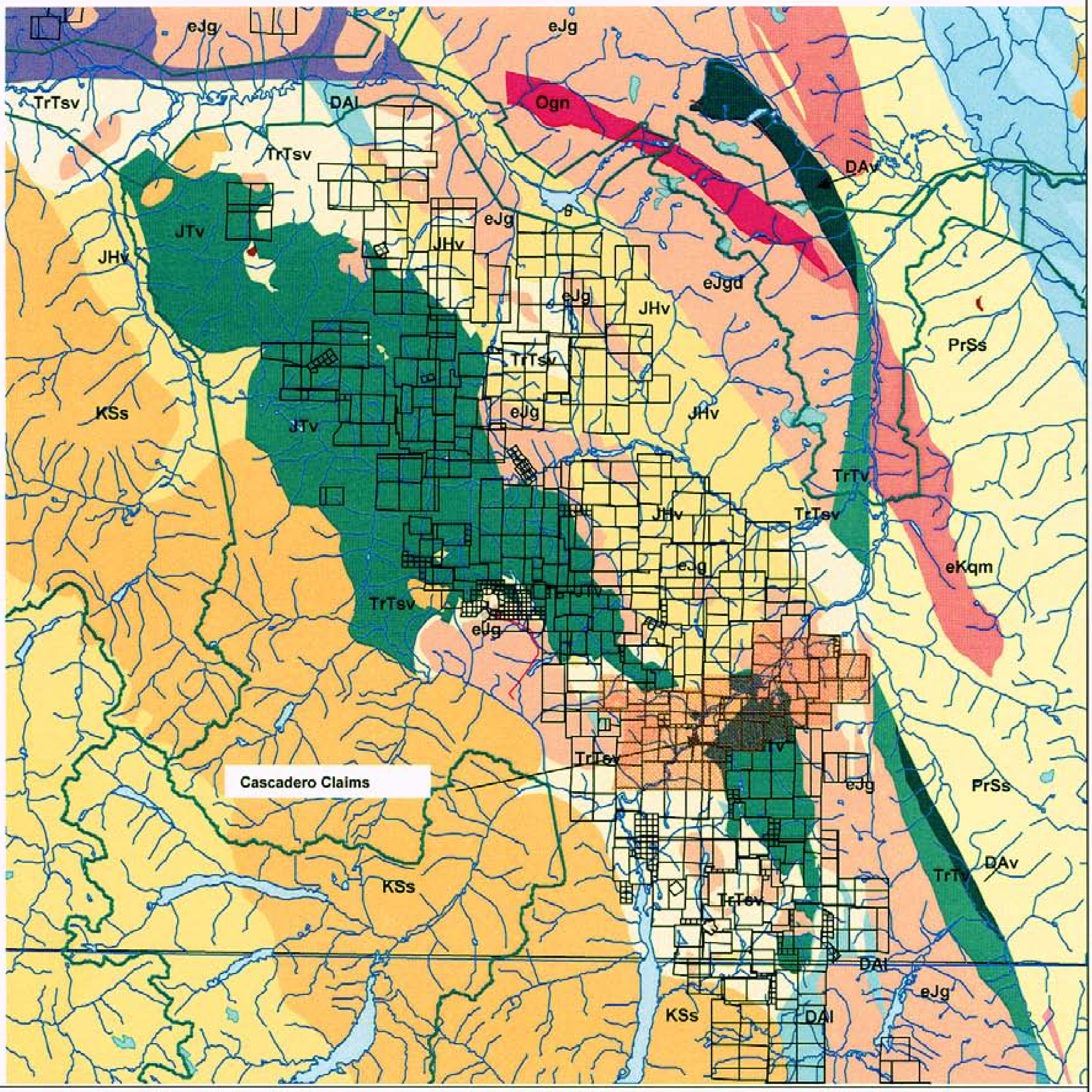
Airborne Magnetic High
Airborne Potassium High
Airborne Thorium-Potassium Low
Cascadero Copper Corp.
Airborne Geophysics
Figure 5
0 0.75 1.5 3
Kilometres

Cascadero Copper Corp. incurred expenditures of $1,093,631 in 2005 summarized in Appendix I.

## 5.0 Regional Geology

The Toodoggone District lies within the eastern margin of the Intermontane Tectonic Belt, which consists of four unique Terranes. The project area lays within the Stikinia and, in part the Quesnellia Terranes. The Stikinia and Quesnellia Terranes consist mainly of island-arc volcanic, plutonic and sedimentary rocks of late Triassic to early Jurassic age with a Lower Permian aged basement represented by the Asitka Group (Diakow and Metcalfe, 1997). To the east, older metamorphosed Precambrian and younger strata (clastic and chemical sedimentary rocks) of the Cassiar Terrane (Omineca Belt) are separated from the Intermontane Belt by a regional system of trans-current faults (Diakow, Panteleyev and Schroeter, 1993). The Toodoggone regional geology is shown in Figure 6, as displayed from the BCDM website MapPlace.

The Toodoggone District consists of a series of northwest trending volcanic belts some 90 kilometres long and 40 kilometres wide. The stratigraphy is fairly monoclinal with generally northwest striking, shallowly west-dipping upright stratigraphy and therefore youngs to the west. The large-scale northwest trending faults generally parallel the long axis of the district and illustrate the basic fabric of the accreting terrains and its internal evolution. The northwest trend is common to the stratigraphy, plutonism and major mineralizing events and therefore implies major crustal activity along this trend. Overlying younger stratigraphic intervals, such as the Sustut Group of conglomerates and sediments, covered the earlier mineralized and altered Jurassic volcanics and plutons, therefore protecting them from deeper erosion and glaciation. This resulted in the preservation of complete mineralized and altered sequences ranging from the causative copper-gold porphyry systems up through the undeformed stratigraphy, which hosts the upwardly evolving low-to-high sulphidation epithermal systems with their attendant clay-rich alteration caps still intact.




| | |
|---|---|
| KSs | Cretaceous; Sustut Grp, Sediments |
| JTv | Jurassic; Toodoggone Fmn, Volcanics |
| JHv | Jurassic; Hazelton Grp.,Volcanics |
| TrTsv | Triassic; Takla Fmn; Volcanics,Sediments |
| TrTv | Triassic; Takla Fmn, Volcanics |
| DAv | Devonian; Asitka Fmn, Volcanics |
| DAl | Devonian; Asitka Fmn, Limestone |
| PrSs | Proterozoic; Swannell Fmn, Sediments. |

| | |
|---|---|
| eKqm | Cretaceous Quartz Monzonite |
| eJg | Jurassic Granodiorite |
| Ogn | Ortho Gneiss |

0 10 km

N

**Cascadero Copper Corp.**

Toodoggone Project
Regional Geology
Cascadero Claims

| | | | | |
|---|---|---|---|---|
| AMB | NTS 94 E | 1:50,000 | Nov. 15 2005 | Fig. 6 |

## 5.1 Stratigraphy

Lithologies in the Toodoggone area are Permian to Cretaceous in age comprised, from oldest to youngest as follows: Asitka Group, Stuhini Group, Toodoggone Formation and Sustut Group (Diakow and Metcalfe, 1997). Lower Permian aged rocks of the Asitka Group consist of andesite, dacite and rhyolite volcanic rocks with locally prominent sections of inter-bedded marine sedimentary rocks consisting of limestone and chert at the top of the section (Diakow, pers. comm., 2003). These rocks may reflect a submergent island arc sequence.

Upper Triassic rocks of Stuhini Group (also referred to as Takla Group) unconformably overlie the Asitka Group. Stuhini Group rocks are more widespread and characterized by clinopyroxene-bearing basalt, andesite, and associated epiclastic rocks, and locally appear similar to Paleozoic rocks. These rocks may reflect an emergent submarine to sub-aerial island arc sequence. Locally, Lower Jurassic Toodoggone Formation (Hazelton Group) volcanic fragmental rocks of dacite-andesite composition lie in non-erosional, gently dipping unconformity with Stuhini Group rocks. Minor basalt lava flows and rare rhyolite flows and breccia occur in the Toodoggone Formation (Diakow, pers. comm., 2004). Bi-modal volcanism is associated with low-sulphidation epithermal gold and silver deposits on a worldwide scale; however, its relationship with the Toodoggone epithermal deposits remains unclear. The Upper Cretaceous Sustut Group consists of conglomerates, sandstones and siltstones with minor felsic tuff and occurs in unconformable contact with Takla (Stuhini) and Hazelton Group rocks.

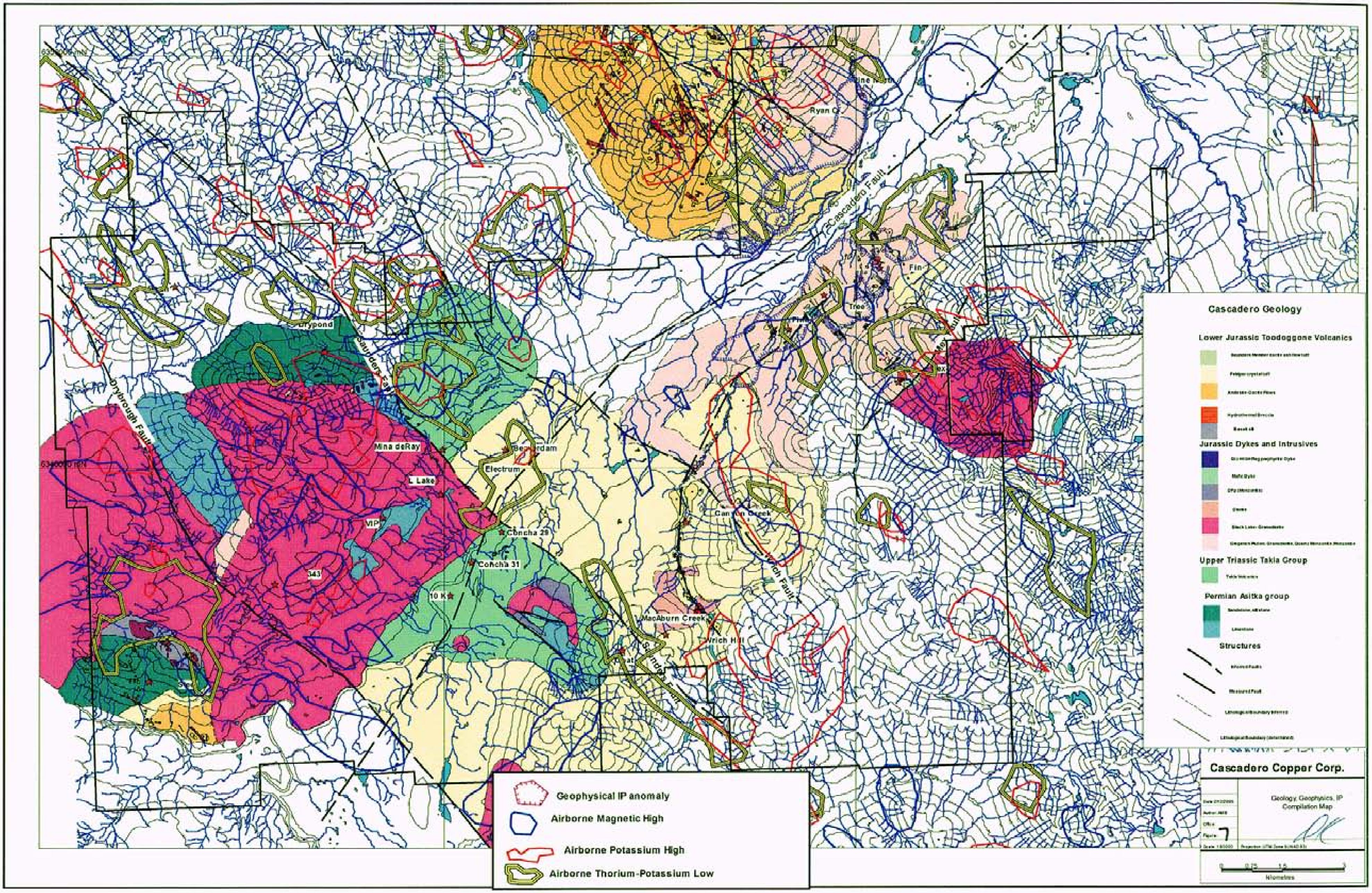
## 5.2 Intrusive Rocks

The early-middle Jurassic Black Lake Intrusive suite of calc-alkaline plutons are apparently coeval with the Toodoggone Formation volcanic rocks and with the development of an elongated volcano-tectonic depression that is richly endowed with numerous precious and base metal occurrences (Diakow and Metcalfe, 1997). The composite Black Lake Intrusive suite is generally medium grained and grades from granodiorite to quartz monzonite. This intrusive suite includes the Black Lake pluton (granodiorite to quartz monzonite), Jock Creek pluton (quartz monzonite, diorite), Giegerich and Duncan Lake plutons (hornblende-biotite granodiorite, monzonite, quartz monzonite, quartz diorite) and the Sovereign pluton (quartz-hornblende-biotite-granodiorite to tonalite). Dykes and dyke swarms of quartz monzonite are locally proximal to and associated with copper-gold mineralization as at the Brenda occurrence and with epithermal or transitional precious metal vein occurrences as at Northwest Breccia. These dyke sets usually follow the northwest trending structural breaks that trace several of the mineralizing events within the Toodoggone Camp. Dykes and sills of trachyandesite to latite and minor basalt cut previous lithologies. Late Triassic Alaska-type ultramafic intrusions are regionally mapped east of Kemess North with other possible occurrences southwest of the Mex prospect and on the Pil prospect (Stealth Minerals Ltd.) to the northwest. Mapping by Stealth Minerals Ltd. and the BCDM in 2004 outlined a new plutonic body of mainly quartz monzonite, the upper contact dips shallowly westward beneath the overlying Triassic to Jurassic stratigraphy and extends from the Finlay River area in the southeast part of Nub Mountain, north to the north end of the Kevin claims. Exposures are visible all along the northeast trending section of Jock Creek, hence the local nomenclature of the Jock Creek Pluton that is part of the Black Lake Plutonic suite.

### 5.3 Structure

A system of high-angle normal and possibly contraction faults that trend from 120° to 150° occur locally with secondary faults trending from 20° to 40° and 60° to 80°. These structures may impart primary control of high-level co-magmatic plutons and deposition of the coeval Toodoggone Formation rocks.

Regional-scale northwest trending structures include the Saunders, Wrich, Black and Pil faults (Figure 7) that cut the Toodoggone District and occur over distances of more than


Cascadero Geology
Lower Jurassic Toodoggone Volcanics
Jurassic Dykes and Intrusives
Upper Triassic Takla Group
Permian Asitka group
Structures
Cascadero Copper Corp.
Geology, Geophysics, IP
Compilation Map
Kilometres
Geophysical IP anomaly
Airborne Magnetic High
Airborne Potassium High
Airborne Thorium-Potassium Low
Cascadero Fault
Drybrough Fault
Ryan Cr.
Drypond
Mina deRay
L Lake
Electrum
VIP
Concha 28
Concha 31
10 K
343
Canyon Creek
MacAburn Creek
Trich Hill
Tree
Fin

80 kilometres. Parallel faults also display dip-slip movement, locally placing Stuhini Group in contact with Toodoggone Formation rocks as at Kemess North (Diakow, 1997) and Asitka Group rocks adjacent to intrusive plutons.

North-easterly trending high-angle faults cut and displace northwest trending structures, tilting and rotating monoclinal strata (Diakow, 1986). The presence of high-level epithermal mineralization at Goat, Wrich Hill and the Electrum prospects (Figure 3) at substantially lower elevations to the north, may suggest a post-mineral, north side down displacement along a northeast trending fault system in the Finlay River valley (Blann, 2001). North trending, right-lateral strike-slip faults are prominent along the eastern margin of the Giegerich Pluton and are Cretaceous and early Tertiary in age. These faults may cut Toodoggone aged and older rocks to the west.

## 6.0 2005 Exploration Program

The 2005 field season was Cascadero Copper Corp.'s first season in the Toodoggone. Cascadero Copper acquired properties from Stealth Minerals Limited in 2004. The focus for the 2005 season was on a diamond drilling program for the Mex, Ryan Creek, and Fin areas. A helicopter supported diamond drill program of BTW sized core was completed on four Mex holes and four Ryan Creek holes. A skid drill supported program of HQ/NTW sized core was completed on 8 Fin holes. 117 rock samples were collected for geochemical analysis from the Fin, Tree, 10k, Canyon Creek, Pine West/North, Steel, and Dry Pond properties. In addition to outcrop/grab sampling, geological mapping was conduced at 1:10:000 scale on the above properties.

Rock samples were taken as float, grab or chip samples from outcrop over a described width and placed in a plastic sample bag along with unique paper assay tags numbered sequentially. The sample site was flagged for re-location and the tag number recorded on coloured flagging tape at the site. A representative hand sample was also taken and retained at the main camp as a reference for when an assay for that sample was received.

Sample descriptions and abbreviated assay results are found in Table III with assay certificates for rock results found in Appendix II.

Geochemical analysis was completed by Eco-Tech Laboratories in Kamloops British Columbia. Analysis for gold was by 30 gram (one assay ton sample) fire assay followed by atomic absorption reading finish. This technique was chosen to produce a reliable and comparable gold assay. Silver and the values of 29 other elements were completed by analyzing a 0.5 gram sample dissolved in aqua regia with determinations read via ICP-MS technology. Standards and duplicates were inserted at the lab and any deviation from acceptable analytical error resulted in the whole batch being re-assayed from a new split.

## 6.1 Property Geology

During 2005, the Cascadero claim group was mapped and prospected at a scale of 1:10,000 in the field by Cascadero Copper staff geological mapping and prospecting teams. Figure 7 is geological compilation of the Cascadero claim unit. Outcrop is scarce in the Finlay River Valley, below tree line, making geological mapping difficult. Based on available outcrop and drillhole geology outcrop and property scale maps were produced for the Cascadero Copper property.

### 6.1.1 Tree-Fin

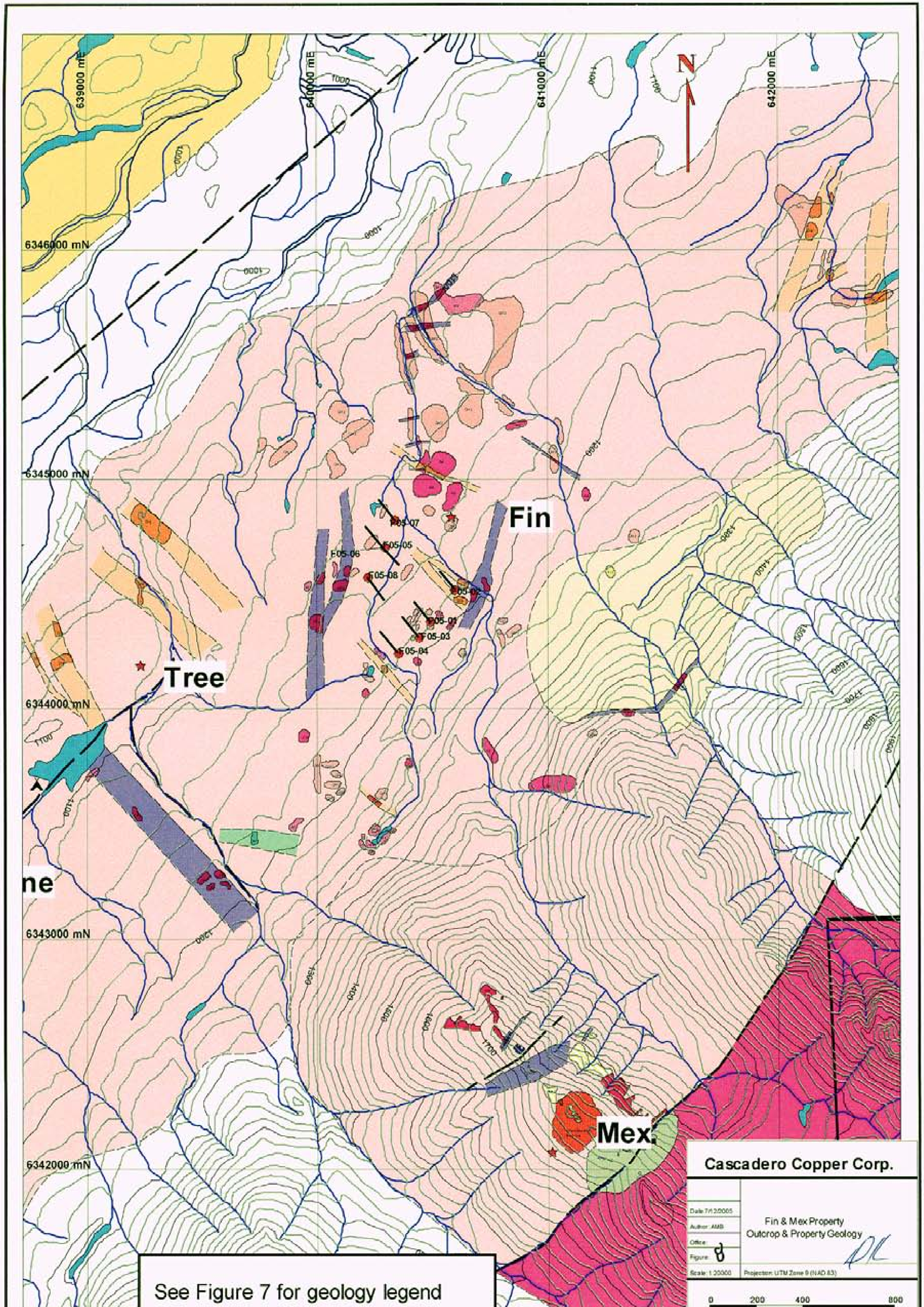
The **Tree-Fin** areas, Figure 8, are underlain by a monzonite-quartz monzonite and granodioritic plutonic rocks, which are part of the Giegerich Pluton. Geigerich pluton intrudes into the Jurassic aged volcanic feldspar crystal tuffs and flows (Dawson, 2004). Both pre and post mineralized dykes and sills intrude the **Tree-Fin** property. The composition of these dykes is dominantly feldspar porphyry of monzonitic composition, with occasional latite, quartz-latite and mafic (basalt-andesite) dykes. The dykes dominantly trend north-northwest following the north-northwesterly trending structural breaks common to the area. Geological mapping in the Fin-Tree area is difficult due to overburden and vegetation. The host intrusive rocks are differentiated from the dykes

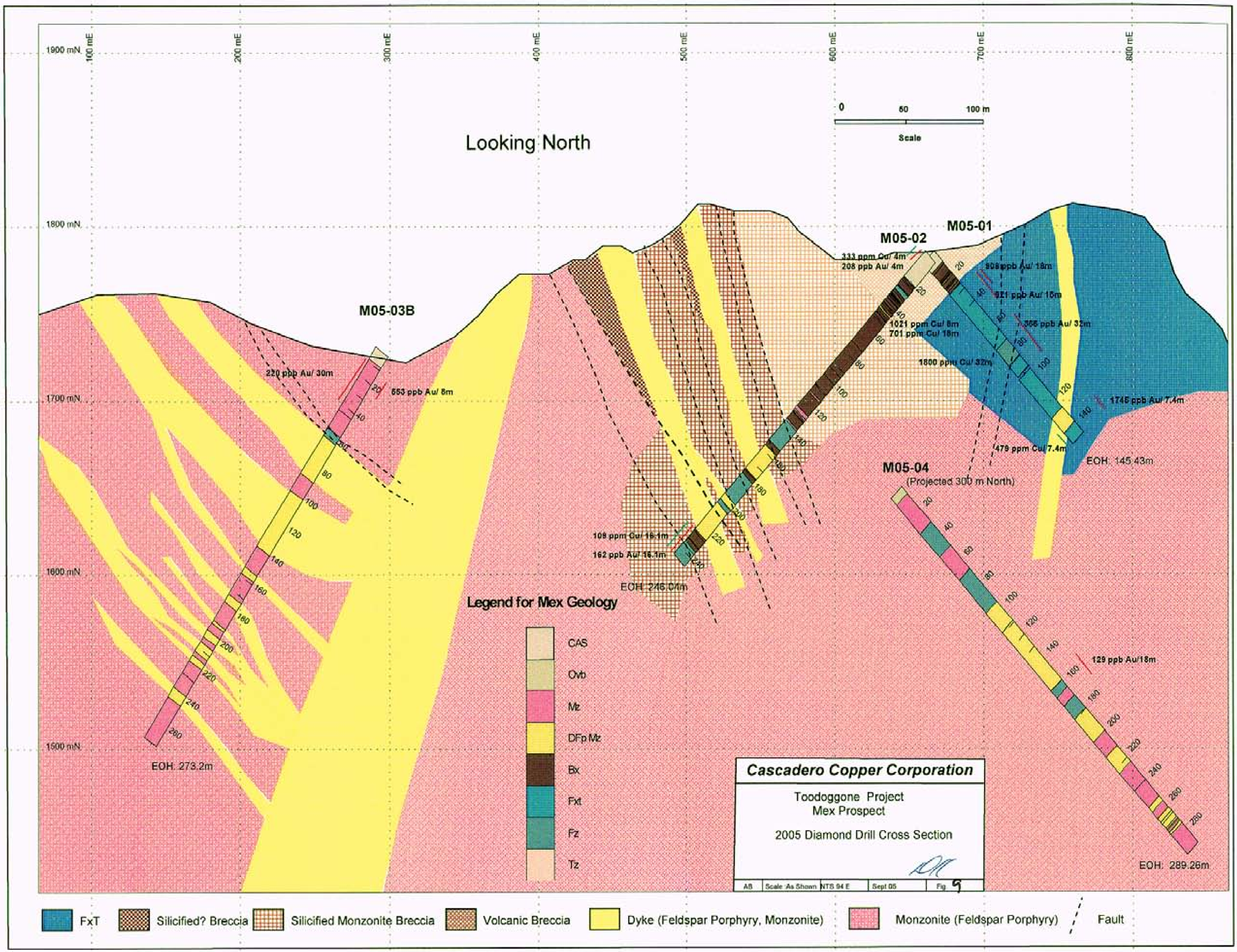
# CASCADERO COPPER CORP.
## Table III: Abbreviated Assayed Rock Results 2005

| ID | Sample # | UTM E | UTM N | Area | Spl Type | Lngth | Rock Typ | Colour | Text 1 | Text 2 | Altn 1 | Occur | Min/% | Att Type | Meas. | Comments | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Au ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| April | G05101 | 639967 | 6343766 | Fin | o/c | | Q Mz | | | | qsp | | py 5% | | | | 2 | 24 | 80 | 87 | 3.3 | 80 |
| April | G05102 | 640052 | 6343657 | Fin | o/c | 0.5-1m | Q Mz | yel, bn | box | | ser | perv | cpy, py boxwork | | | Minor kspar flooding (possibly hematite staini | 2 | 7 | 16 | 129 | 0.9 | 90 |
| April | G05103 | 640225 | 6343423 | Fin | o/c | | | | | | | | | | | | 1 | 7 | 26 | 109 | 0.7 | 30 |
| April | G05104 | 640206 | 6343388 | Fin | o/c | | | | | | | | | | | | 1 | 38 | 44 | 81 | 1.4 | 115 |
| April | G05105 | 640458 | 6344450 | Fin | o/c | | Mz | bn, yel | vug | fct | sil, jar, goe | selec | vug | | | | 7 | 29 | 20 | 33 | 0.5 | 15 |
| Dave | 5001 | 640724 | 6344542 | | | | | | | | | | | | | | 40 | 54 | 20 | 48 | 1.9 | 35 |
| Dave | 5002 | 640724 | 6344542 | Tree | oc | | Hb Monz | pnk | cg | p | si | bx | py | shr | 340 | silification and boxworking | 6 | 75 | 18 | 80 | 0.5 | 20 |
| Dave | 5003 | 640589 | 6344510 | Tree | oc | | Monz | gy | mg | p | k flood | diss | py 3 | | | epidote and fractures | 10 | 30 | 38 | 58 | 0.7 | 20 |
| Dave | 5004 | 640589 | 6344535 | Tree | oc | | Monz | pnk | mg | | si | | | | | silica flood | 19 | 5 | 2 | 11 | 0.2 | 20 |
| DC | 64313 | 636018 | 6336822 | Pine | g | | fxt | gy | t | vug | lim | perv | 5 | | | Limonitic, pyritized, bleached tuff from gossa | 2 | 31 | 18 | 279 | 0.7 | 25 |
| DC | 64314 | 635680 | 6337527 | Pine | g | | monz | pink | mg | fld | Mag | fct | Malachite | | | Gossan zone with previous sampling. Strong | 4 | 904 | 2 | 107 | 0.3 | 150 |
| Gary | 64401 | 637989 | 6343383 | Pine | oc | 15m | Mz | or | mg | | | vnls | py 2 | | | mag vns with cpy | 29 | 225 | 12 | 80 | 1.4 | 570 |
| Gary | 64402 | 638033 | 6343315 | Pine | oc | | Mz | or red | mg | | lim | frac | py 1 | | | | 2 | 44 | 16 | 194 | 0.7 | 315 |
| Gary | 64403 | 637925 | 6343441 | Pine | oc | | Mz | | mg | | si | stk | py 1 | | | qtz stk, with cpy | 6 | 174 | 12 | 97 | 0.8 | 200 |
| Gary | 64404 | 638381 | 6343930 | Pine | oc | | Mz | or red | | | phy | diss | | | | phyllic mz | 10 | 158 | 18 | 96 | 1.0 | 110 |
| Gary | 64405 | 638381 | 6343930 | Pine | oc | | Mz | or red | | | phy | diss | py 2 | | | phyllic mz | 7 | 104 | 16 | 53 | 0.9 | 185 |
| Gary | 64406 | 638567 | 6343796 | Pine | oc | | Mz | wht | fg mg | | phy | diss | py,cpy 2 | | | very fractured and sheared | 37 | 256 | 16 | 98 | 1.6 | 220 |
| Gary | 64407 | 638589 | 6343813 | Pine | oc | | Mz | wht | fg mg | | phy | diss | py,cpy 3 | | | close to last sample | 90 | 270 | 16 | 80 | 1.5 | 380 |
| Gary | 64408 | 640423 | 6344325 | Tree | sc | | Gnd | | mg | | si | diss | py 1,cpy 3 | | | | 1 | 7 | 30 | 122 | 0.3 | 40 |
| Gary | 64409 | 640487 | 6344383 | Tree | oc | 4m | Hb Gnd | | frac | | si | diss | py,cpy 3 | | | very fractured | 5 | 32 | 14 | 41 | 0.3 | 25 |
| Gary | 64410 | 640401 | 6344183 | Tree | oc | 20m | Hb Gnd | | mg | | si | diss | py 1 | | | minor py | 1 | 10 | 10 | 92 | 0.2 | 20 |
| Gary | 64411 | 640135 | 6344569 | Tree | oc | 6m | Gnd | pnk | mg | | kspar | diss | py 1 | | | maybe some cpy | 2 | 16 | 6 | 126 | 0.2 | 25 |
| Gary | 64412 | 639946 | 6343874 | Tree | oc | 15m | Mz | or red | fg | | qsp | diss | py 1 | | | | 1 | 11 | 20 | 58 | 0.8 | 45 |
| Gary | 64413 | 639998 | 6343818 | Tree | oc | | Qtz Mz | or red | mg | | qsp | diss | py 2 | | | | 2 | 12 | 60 | 62 | 1.8 | 35 |
| Gary | 64414 | 640192 | 6344073 | Tree | oc | | Mz | pnk gn | cg | | ppy | diss | py1 | | | manganese staining, mag,kspar rich | 1 | 57 | 14 | 99 | 0.2 | 30 |
| Gary | 64415 | 640454 | 6344983 | Fin | oc | | Hb Gnd | or | mg | | geothite | vnls | | | | no vis min but rusty vnls | 1 | 7 | 16 | 27 | 0.2 | 15 |
| Gary | 64416 | 640541 | 6345045 | Fin | oc | | Mz | pnk | vug | | hem | wk dis | py 1 | | | kspar flooded | 4 | 40 | 8 | 107 | 0.2 | 25 |
| Gary | 64417 | 640547 | 6345051 | Fin | oc | | Mz | pnk | vug | | si | diss | mal 1 | | | mag, cpy,py | 2 | 118 | 8 | 181 | 0.2 | 30 |
| Gary | 64418 | 640868 | 6345234 | Fin | oc | 1m | Gnd | or | vn | si | lim | | | | | cpy, py, qtz, vuggy, rusty | 45 | 153 | 18 | 50 | 0.9 | 30 |
| Gary | 64419 | 640476 | 6344855 | Fin | sc | 5m | Qtz Mz | or pnk | shr | | ill | trace | py 1 | | | vuggy rusty rock | 4 | 109 | 8 | 83 | 1.3 | 25 |
| Gary | 64420 | 639959 | 6343766 | Fin | oc | | Mz | | vn | | si | diss | py 5 | | | qtz vn with py and little bit of cpy | 3 | 4 | 44 | 54 | 3.5 | 235 |
| Gary | 64421 | 639969 | 6343760 | Fin | oc | | Mz | or | shr | | | vnls | qtz | | | shear 235 70. half a cm vn with py 2 per | 1 | 32 | 18 | 27 | 1.9 | 35 |
| Gary | 64422 | 640049 | 6343654 | Fin | grab | | Gnd | red | vug | | qsp | frac | py 3 | | | | 2 | 9 | 36 | 75 | 0.3 | 20 |
| Gary | 64423 | 640049 | 6343652 | Fin | oc | | Gnd | wht | mg | vug | si | vn | py 1 | | | small vnls of py | 2 | 8 | 24 | 66 | 0.4 | 35 |
| Gary | 64424 | 640234 | 6343438 | Fin | oc | | Qtz Mz | | bx | vug | | | | | | no vis min pero very alt | 2 | 7 | 30 | 86 | 0.4 | 35 |
| Gary | 64425 | 640458 | 6344425 | Fin | oc | 5m | Mz | rd | | | qp | frac | py 2 | | | py finely diss | 2 | 29 | 10 | 63 | 0.5 | 30 |
| Gary | 64426 | 640195 | 6344140 | Fin | oc | 3m | Mz | pk | mg | | si | vnls | | | | half a cm stk qtz, ppy alt, no vis min | 4 | 3 | 16 | 89 | 0.2 | 20 |
| Gary | 64427 | 640451 | 6344441 | Fin | oc | | Mz | or | fg | | geothite | frac | py 1 | | | lots of micro fracs | 1 | 61 | 36 | 100 | 0.7 | 25 |
| Gary | 64428 | 638994 | 6343706 | Pine | oc | | Qtz Mz | or | fg | | si | diss | py 5 | | | sheared | 2 | 11 | 26 | 31 | 0.2 | 15 |
| Gary | 64429 | 639168 | 6343844 | Pine | oc | | Qtz Mz | | fg | | dk | diss | py 2 | | | very si rich. 1m chip | 2 | 2 | 14 | 1 | 0.2 | 25 |
| Gary | 64430 | 639168 | 6343844 | Pine | oc | | Fxt | yo | fg | | si | diss | py 3 | | | near pine camp up the creek with the 2 inters | 3 | 5 | 100 | 7 | 0.2 | 20 |
| Gary | 64431 | 640261 | 6343411 | Pine | oc | | Qtz Mz | | bx | | ppy | vug | py 1 | | | | 1 | 29 | 116 | 94 | 0.4 | 20 |
| Gary | 64432 | 636597 | 6345748 | PW | oc | | Mz | | | si | qsp | diss | py 2 | | | | 18 | 46 | 42 | 2048 | 13.6 | 380 |
| Gary | 64433 | 636834 | 6345645 | PW | oc | | Mz | or | fg | si | | frac | py 3 | | | py in clots very brittle | 1 | 9 | 16 | 76 | 0.2 | 20 |
| Gary | 64434 | 639365 | 6351399 | Pine | sc | 70cm | Mz | gr | fg | si | chl | frac | cpy 3 | | | cpy along frac, sc kind of float | 1 | 2155 | 14 | 28 | 2.0 | 25 |
| Gary | 64435 | 641544 | 6351100 | Pine | oc | | Mz | gr | fg | stk | chl | diss | | | | half cm qtz vnls stk | 7 | 58 | 22 | 1045 | 0.3 | 15 |
| Ken | 64351 | 639934 | 6344163 | tree | o/c | grab | hb gd | or | | | qsp | | | | | Weakly mag.trace chalcopyrite Ferricrete | 4 | 17 | 12 | 71 | 0.7 | 110 |
| Ken | 64352 | 640029 | 6344521 | tree | o/c | grab | qtz monz | gr | fg-mg | | qsp,ep | | | | | Disseminated pyrite,chalcopyrite,bn | 5 | 483 | 8 | 93 | 1.8 | 35 |
| Ken | 64353 | 641157 | 6344938 | fin | sub | grab | hb gd | pink | | | kspar/qtz/ep | | | | | Disseminated pyrite | 3 | 30 | 10 | 122 | 0.2 | 10 |
| Ken | 64354 | 641582 | 6344097 | fin | o/c | grab | plag por | gy | p | | feox | | mag/10 | | | Dyke ca 100m wide | 31 | 303 | 48 | 61 | 0.7 | 95 |
| Ken | 64355 | 641335 | 6343989 | fin | o/c | grab | qtz monz | gy | p | | ep | | | | | plagioclase cores epidotized | 1 | 57 | 78 | 158 | 0.3 | 15 |
| Ken | 64356 | 641036 | 6343702 | fin | o/c | grab | gd | gy | mg | | ep | | ep/15 | | | equigranular | 1 | 63 | 14 | 148 | 0.2 | 20 |
| Ken | 64357 | 640943 | 6343668 | fin | o/c | grab | gd | or | mg | | calc/gyp | | | | | carbonate-gypsum veins, feox | 20 | 56 | 12 | 79 | 0.6 | 45 |
| Ken | 64358 | 640725 | 6343810 | fin | o/c | grab | hb biogd | pink/gr | | | ep | fct. | | | | 200m o/c along Mex creek trib | 1 | 30 | 8 | 73 | 0.2 | 10 |
| Ken | 64359 | 640781 | 6344471 | fin | o/c | grab | hb biogd | pink/gr | | | | | py/1 | | | e bank Mex creek. Disseminated pyrite | 2 | 27 | 8 | 132 | 0.3 | 15 |
| Ken | 64360 | 640202 | 6345192 | fin | o/c | grab | qtz monz | pink/gy | | vn | si,prop | | py/5,cpy/1 | | | QM cut by dacite por dykes | 458 | 258 | 16 | 12 | 3.2 | 10 |
| Ken | 64361 | 640406 | 6344955 | fin | o/c | grab | hb biogd | | | | ep | | py/2 | | | Near ddh 90-31,32 | 3 | 97 | 16 | 74 | 0.7 | 10 |
| Ken | 64362 | 640587 | 6344796 | fin | o/c | grab | qtz monz | | | | si | | py/2,cpy/1 | | | Near ddh 90-33,34 | 13 | 155 | 388 | 41 | 2.2 | 35 |
| Ken | 64363 | 641043 | 6345045 | fin | o/c | grab | qtz monz por | | | | si | | py/2,cpy/tr | | | end drill road | 8 | 21 | 56 | 30 | 0.9 | 20 |
| Ken | 64364 | 640392 | 6344570 | fin | o/c | grab | qtz monz | gy | | | si | | py/2,cpy/1 | vn | 045/90 | w side square L | 16 | 183 | 10 | 15 | 3.0 | 10 |
| Ken | 64365 | 640399 | 6344589 | fin | o/c | 2.5 cm | qtz monz | gy | | vn | | | py/3,mo/1 | | | W side square L | 24 | 37 | 102 | 18 | 0.3 | 5 |
| Ken | 64366 | 640241 | 6344739 | fin | o/c | grab | qtz monz | | | | si | diss | py/2,cpy/1 | frt | 2.5/60 | Ck drains compl. | 8 | 203 | 8 | 29 | 2.6 | 5 |
| Ken | 64367 | 640226 | 6344728 | fin | o/c | grab | qtz monz | gy | | | si | diss | py/3.mo/1.cpy/1 | | | intense silicification | 201 | 287 | 12 | 27 | 3.9 | 20 |
| Ken | 64368 | 640455 | 6345731 | fin | o/c | grab | qtz monz | gy | | vn,diss | si | | py/1,cpy/tr | | | | 24 | 23 | 6 | 11 | 0.2 | 15 |
| Ken | 64369 | 639772 | 6345136 | fin | o/c | grab | qtz monz | | bx | | si | | py/2,cpy/1 | | | Silicified qm breccia | 9 | 104 | 12 | 37 | 3.9 | 5 |
| Ken | 64370 | 640046 | 6345133 | fin | chip | 6 cm | qtz monz | | | vn | si | | mo/1,py/1, | vn | 045/60 | VNS N of blasted trench | 520 | 162 | 2 | 29 | 3.4 | 20 |
| Ken | 64371 | 633859 | 6339357 | ick-n | chip | 1 m | dac | | xt | bx | si-clay | | feox | | | 100 m N of Tood xt o/c | 16 | 9 | 2 | 7 | 0.2 | 45 |
| Ken | 64372 | 642128 | 6346152 | fin | chip | 4 m | qtz mon | | | | clay-kspar | | py/3 | fct | 170/80 | Send cominco 1990 25 m change | 22 | 19 | 4 | 61 | 0.7 | 15 |
| Ken | 64373 | 623750 | 6335003 | steel | chip | 15 cm | px bas | gy | f | vn,shr | CuOx | | cpy/2,py/1 | vn | 170/80 | Near Au anomalous spec's | 3 | 40400 | 218 | 889 | 100.0 | 185 |
| Ken | 64374 | 623786 | 6335001 | steel | o/c | grab | px bas | gy | f | vn | qtzs epi | | cpy,py | vn | | Resample # 133207,133208 | 1 | 14000 | 2 | 43 | 17.1 | 1390 |
| Ken | 64375 | 626532 | 6341972 | Dry. Pond | chip | .5 m | gcl | pink | cg | shr | si diss | | py/3,cpy/1 | vn | 100/80 | In creek flows E into Dry pond. | 21 | 2574 | 80 | 211 | 7.8 | 40 |
| Ken | 64376 | 636860 | 6342316 | Pine | o/c | grab | Tood xl tuf | Yo | t | fct | QSP | fld | py/10 | | | limonite and jaroisite, intense silica | 15 | 11 | 62 | 32 | 0.2 | 50 |
| Ken | 64376 | 636860 | 6342316 | Pine | o/c | grab | Tood xl tuf | Yo | t | fct | QSP | fld | py/10 | | | limonite and jaroisite, intense silica | 15 | 11 | 62 | 32 | <0.2 | 50 |
| Mike | 63874 | 642247 | 6345523 | Fin | oc | 30cm | Qtz Mz | gn | mg | | epi, chl | perv | py 3 | | | pervasive propylitic alteration of Qtz Mz | 1 | 32 | 214 | 214 | 3.1 | 15 |
| Mike | 63875 | 622325 | 6335220 | Steel | float | 20cm | Takla Lap | rd gn | vuggy | vn | chl, epi | vn | py 5, cpy, mal | | | qtz + py + cpy vein in stronly chloritized volca | 1 | 2347 | 2 | 20 | 21.2 | 800 |
| Mike | 63876 | 621545 | 6335951 | Steel | oc | 30 | QFP | wt | cg | fracture | qtz, ser | frac | py 2, ga | | 170/42 | | 2 | 14 | 128 | 525 | 0.9 | 10 |
| Mike | 63877 | 621545 | 6335951 | Steel | oc | 30 | QFP | wt rd | cg | replaceme | qtz, ser | frac | ga 10, py, sp | | 170/42 | pervasive replacement of QFP by ga within 1 | 3 | 12 | 546 | 1845 | 2.4 | 20 |
| Mike | 63878 | 621328 | 6335136 | Steel | chip | 2m | tuff | gn | fg | vein | chl, qtz, py | perv, vnls | py 2 | | 068/90 | spotty blebs of py in chl + qtz altered tuff with | 1 | 82 | 2 | 44 | 0.2 | 15 |
| Mike | 63879 | 626131 | 6341712 | Drypond | chip | 1m | Hbl Gnd | gn gy | mg | perv, shee | chl, clay, q | perv, vns | | | 341/90 | sheeted qtz veins (1-5 cm wide, 3 per m over | 1 | 4 | 6 | 207 | 0.2 | 10 |
| Mike | 63880 | 626546 | 6341687 | Drypond | oc | 30cm | Hbl Gnd | gn gy | mg | perv, frac | chl, clay, qtz, carb, py | | | | 305/90 | qtz+carb+py filled fractures proximal to shea | 1 | 12 | 2 | 29 | 0.2 | 10 |
| Mike | 63881 | 622535 | 6334357 | Steel | chip | 2m | tuff | gn | fg | perv, frac | chl, ep | vns to per | py, hem, cpy | | 322/60 | mineralized fractures parallel to and within 10 | 7 | 2000 | 6 | 83 | 5.6 | 50 |
| Mike | 63882 | 636570 | 6340639 | Canyon Cr | oc | 30cm | fxlt | yo | | perv, frac | si, py | fault | py 3 | | | NW trending si-py altered fault zone cutting a | 5 | 716 | 16 | 139 | 4.4 | 40 |
| Mike | 63883 | 629399 | 6341083 | Drybrough | oc | 30cm | Px flow | wt gn | | breccia | chl, qtz | bx | mag | | | qtz breccia with chloritized volcanic fragment | 1 | 8 | 14 | 45 | <0.2 | 10 |

## CASCADERO COPPER CORP.
### Table III: Abbreviated Assayed Rock Results 2005

| ID | Sample # | UTM E | UTM N | Area | Spl Type | Lngth | Rock Typ | Colour | Text 1 | Text 2 | Altn 1 | Occur | Min/% | Att Type | Meas. | Comments | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Au ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pat | 64501 | 640478 | 6344368 | E Tree | f | | Tdg volc | dk gy | fg x | shr | prop | | py | | | may be subcrop | 1 | 41 | 10 | 88 | 0.2 | 15 |
| Pat | 64502 | 641294 | 6344652 | E Tree | f | | | gn | mg | | chl | | 1 py | | | | 1 | 25 | 12 | 77 | 0.2 | 15 |
| Pat | 64503 | 641532 | 6344151 | Fin | f prox | | | gn wh | mg | fct | sil arg | | 1 mag,py | | | mag vnls | 74 | 264 | 26 | 24 | 0.2 | 60 |
| Pat | 64504 | 641595 | 6344117 | Fin | g | | monz | gn | mg | fct | arg chl | | 1 py | | | mashed fault rx + py seams | 26 | 538 | 22 | 239 | 0.5 | 140 |
| Pat | 64505 | 641628 | 6344098 | Fin | g | | monz | gn pk | mg | fct | chl sil | | py | | | similar to 64504 | 61 | 436 | 4 | 68 | 0.6 | 100 |
| Pat | 64506 | 641333 | 6345308 | Fin | g | | monz | gn pk wh | mg | fct | wk prop | | py | | | 2-3 open qtz vnls | 2 | 18 | 16 | 40 | 0.7 | 10 |
| Pat | 64507 | 640948 | 6345304 | Fin | g | | monz | gn | mg | het | wk prop | | py | | | fresh rx, lim fct | 5 | 53 | 8 | 78 | 1.5 | 15 |
| Pat | 64508 | 641068 | 6345088 | Fin | g | | monz | gn | mg | fct | prop | | py | | | py on fct, on N side sm crk | 2 | 68 | 38 | 65 | 0.9 | 35 |
| Terry | 63951 | 640601 | 6344805 | Fin | O/C | | Qtz Mon | Gy | | | Sil | | 0.05 | | | Silicifed alteration with dessminated pyrite | 8 | 4 | 12 | 9 | 0.2 | 5 |
| Terry | 63952 | 640219 | 6344707 | Fin | O/C | | Granodiori | Gy | | | Sil | | 0.05 | | | Silicifed granodiorite alteration; pyrite | 12 | 257 | 6 | 39 | 0.9 | 5 |
| Terry | 63953 | 641062 | 6345155 | Fin | O/C | | Qtz Mon | Gy | | | Sil | | 0.1 | | | Silicified Quartz Monzonite alteration,pyrite, r | 124 | 122 | 10 | 5 | 1.3 | 100 |
| Terry | 63954 | 640509 | 6345177 | Fin | O/C | 15 cm | Qtz | Wt | | | Sil | | | Vein | 360-70 | Quartz vein with pyrite, moly | 6 | 828 | 8 | 118 | 3.8 | 5 |
| Terry | 63955 | 640529 | 6345194 | Fin | Chip | 15 cm | Qtz | Wt | | | | | 0.01 | Vein | 45.12 | Quartz vein mostly leached pyrite | 131 | 37 | 8 | 22 | 0.4 | 5 |
| Terry | 63956 | 640039 | 6345095 | Fin | O/C | | Qtz Mon | Gy | | | Sil | | | | | Silicified Quartz Monzonite, pyrite, chalcopyri | 240 | 778 | 16 | 178 | 6.0 | 20 |
| Terry | 63957 | 639893 | 6345144 | Fin | FL | | monz | Gy | fld | | Sil | | 0.01 | | | Silicified alteration with pyrite | 10 | 69 | 16 | 32 | 1.4 | 5 |
| Terry | 63958 | 639846 | 6345186 | Fin | O/C | | monz | Gy | fld | | Sil | | 0.01 | | | Weathered alteration with disseminated pyrite | 3 | 121 | 10 | 39 | 0.5 | 5 |
| Terry | 63959 | 640119 | 6345286 | Fin | FL | | Qtz | Wt | x | | Chl | | | | | Dry Creek bed float, silicified alteration quartz | 33 | 177 | 20 | 79 | 0.4 | 5 |
| Terry | 63960 | 640175 | 6345248 | Fin | O/C | | Qtz | Wt | x | | Sil | | 0.01 | | | Small Quartz vein vuggy,pyrite,chlorite and e | 2514 | 157 | 20 | 38 | 3.1 | 10 |
| Terry | 63961 | 640351 | 6345605 | Fin | FL | | Qtz | Gy | | | Sil | | 0.01 | | | Silica Quartz chalcocite, pyrite, malachite, ep | 6 | 504 | 6 | 20 | 0.6 | 5 |
| Terry | 63962 | 640044 | 6345092 | Fin | O/C | | Qtz Mon | Gy | | | Sil | | 0.05 | | | Quartz, pyrite,chalcopyrite,moly (Test pit sam | 1009 | 1518 | 18 | 100 | 10.8 | 30 |
| Terry | 63963 | 639606 | 6348499 | Pine N | O/C | | Qtz Mon | Gr | flf | | Sil | | 0.01 | | | Silicified quartz monzonite, chalcopyrite,spha | 2 | 35 | 12 | 99 | 0.2 | 20 |
| Terry | 63981 | 636519 | 6340665 | Pine S | FL | | Qtz Mon | | cg | fld | Sil | | 0.01 | | | Silica alteration with pyrite | 3 | 14 | 2 | 22 | 0.2 | 10 |
| Terry | 63982 | 642178 | 6346055 | Fin N | O/C | | Qtz Mon | O/C | p | | | | 0.01 | | | Porphyritic Quartz monzonite, pyrite,malachit | 177 | 147 | 2 | 48 | 0.6 | 5 |
| Terry | 63983 | 642124 | 6346131 | Fin N | Ch | 1 m | Qtz Mon | O/C | p | | py | | 0.01 | | | Porphyritic Quartz monzonite, pyrite | 13 | 18 | 8 | 34 | 1.2 | 20 |
| Terry | 63984 | 642124 | 6346131 | Fin N | Ch | 1 m | Qtz Mon | O/C | p | | py | | 0.01 | | | Porphyritic Quartz monzonite, pyrite | 5 | 25 | 8 | 58 | 0.6 | 15 |
| Terry | 63985 | 642124 | 6346131 | Fin N | Ch | 1 m | Qtz Mon | O/C | p | | py | | 0.01 | | | Porphyritic Quartz monzonite, pyrite | 16 | 22 | 22 | 68 | 0.6 | 15 |
| Terry | 63987 | 625558 | 6336771 | 343 | o/c | | monz | Gr | mg | rep | | 1 | | | | Alteration with malachite,azurite,pyrite,propyl | 1 | 951 | 8 | 4083 | 2.6 | 85 |
| Terry | 63988 | 625548 | 6336763 | 343 | o/c | | monz | Pnk | cg | | | 1 | Vein | | | Quartz monzonite with malachite,azurite,pyrit | 1 | 2866 | 4 | 1403 | 3.7 | 25 |
| Terry | 63989 | 626308 | 6341579 | D Pond | chip | 40 cm | monz | | | | | | Vein | 5290D20 | | Quartz/carbonate vein | 174 | 734 | 530 | 1726 | 10.7 | 45 |
| Terry | 63990 | 626322 | 6341572 | D Pond | fl | | gd | Gy | mg | fld | Sil | 1 | | | | Quartz carbonate vein,malachite,pyrite,in gra | 445 | 1301 | 914 | 1437 | 20.0 | 370 |
| Terry | 63991 | 626407 | 6341613 | D Pond | o/c | 1 m | gd | Gr | mg | fld | sil | 1 | | | | Silicified grossan,pyrite cc,chlorite alteration | 19 | 30 | 22 | 105 | 1.4 | 55 |
| Terry | 63992 | 627156 | 6341898 | D Pond | o/c | | monz | Gr | mg | rep | chl | | | | | Quartz monzonite,malachite,epidote,calcite v | 4 | 2197 | 2 | 83 | 0.8 | 20 |
| Terry | 63994 | 622496 | 6334344 | Steel | o/c | | vn | Gn | fg | perv | chl | | | | | Propylitic alteration,quartz malachite,chalcop | 1 | 796 | 14 | 68 | 0.5 | 40 |
| Terry | 63995 | 622315 | 6334481 | Steel | o/c | 5 cm | vn | Gn | fg | perv | chl | | 5 cm vein | 5355D30 | | Silcified quartz carbonate vein, malachite,pyr | 1 | >10000 | 28 | 60 | 11.6 | 160 |
| Terry | 63996 | 631735 | 6341529 | Dry Crk | o/c | 5 cm | vn | Bn | f | fld | sil | 1 | | | | Monzonite alteration with quartz veins and py | 5 | 26 | 2 | 9 | <0.2 | 20 |
| Terry | 63997 | 636614 | 6340757 | Can Crk | o/c | | fxt | Gy | fld | fld | sil | 1 | | | | Silicified Too. Tuff with pyrite. | 3 | 43 | 14 | 52 | <0.2 | 25 |


639000 mE
640000 mE
641000 mE
642000 mE
6346000 mN
6345000 mN
6344000 mN
6343000 mN
6342000 mN
N
Fin
Tree
ne
Mex
F05-07
F05-05
F05-06
F05-08
F05-02
F05-01
F05-03
F05-04
Cascadero Copper Corp.
Fin & Mex Property
Outcrop & Property Geology
Date: 7/12/2005
Author: AMB
Office:
Figure: 8
Scale: 1:20000
Projection: UTM Zone 9 (NAD 83)
0
200
400
800
metres
See Figure 7 for geology legend



Looking North
1900 mN
1800 mN
1700 mN
1600 mN
1500 mN
100 mE
200 mE
300 mE
400 mE
500 mE
600 mE
700 mE
800 mE
0
50
100 m
Scale
M05-03B
220 ppb Au/ 30m
553 ppb Au/ 8m
EOH: 273.2m
M05-02
M05-01
333 ppm Cu/ 4m
208 ppb Au/ 4m
1021 ppm Cu/ 8m
701 ppm Cu/ 18m
1800 ppm Cu/ 32m
479 ppm Cu/ 7.4m
EOH: 145.43m
109 ppm Cu/ 16.1m
162 ppb Au/ 16.1m
EOH: 246.04m
M05-04
(Projected 300 m North)
129 ppb Au/18m
EOH: 289.26m
Legend for Mex Geology
CAS
Ovb
Mz
DFp Mz
Bx
Fxt
Fz
Tz
Cascadero Copper Corporation
Toodoggone Project
Mex Prospect
2005 Diamond Drill Cross Section
AB
Scale: As Shown
NTS 94 E
Sept 05
Fig. 9
FxT
Silicified? Breccia
Silicified Monzonite Breccia
Volcanic Breccia
Dyke (Feldspar Porphyry, Monzonite)
Monzonite (Feldspar Porphyry)
Fault

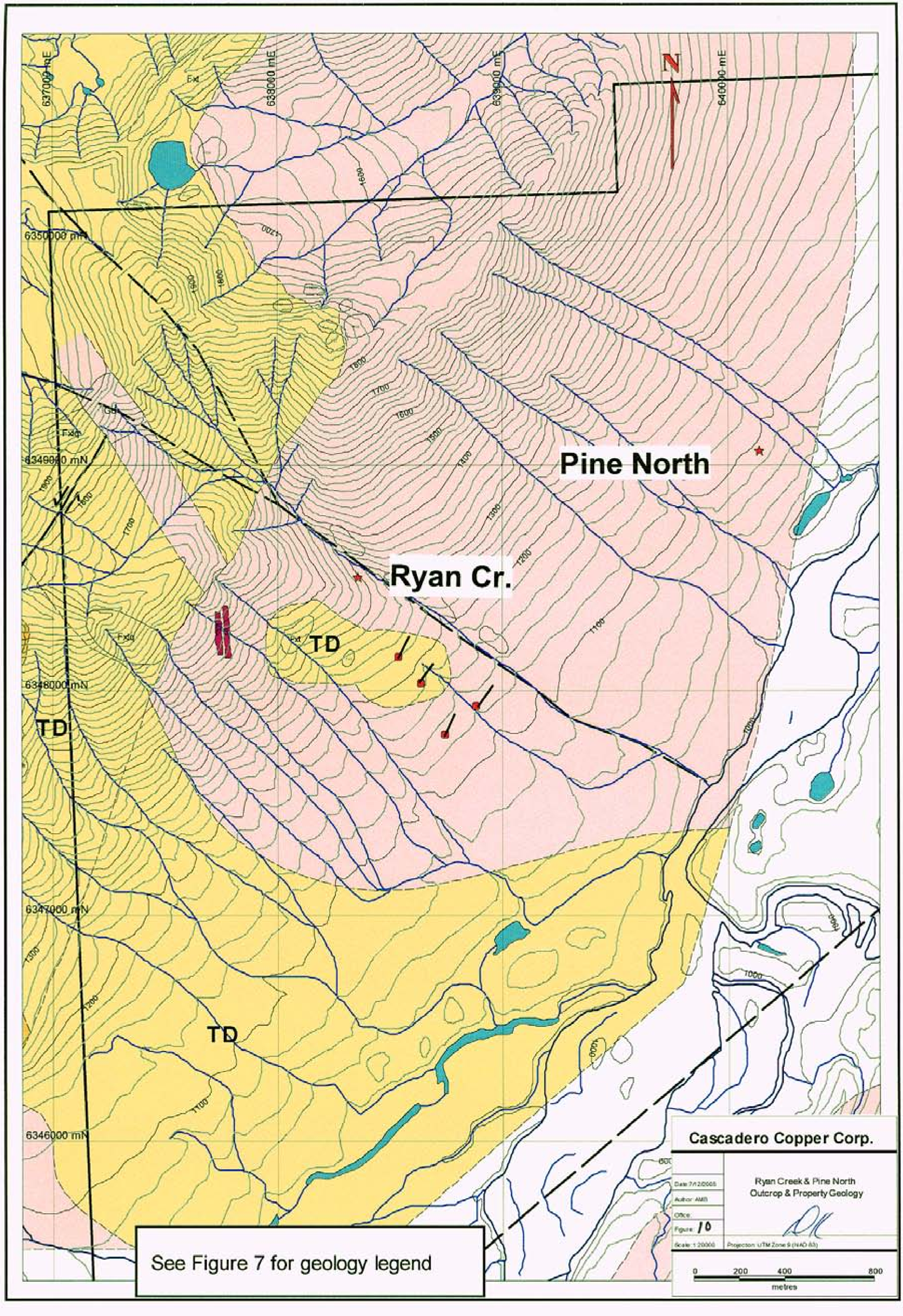
primarily by alteration, grain, size and porphyritic textures. The dykes tend to be porphyritic with euhedral feldspars up to 0.5 cm long, quartz crystals are medium-coarse grain size and often as quartz eyes, and mafic hornblendes ± biotites are fresh or have week propylitic alteration. The host intrusive body is often similar in composition to the dykes and can be difficult to differentiate between dyke and host intrusive however; minerals in the host intrusive bodies in the Fin area tend to be equigranular with strong patchy zones of propylitic-argillic alteration. Mafic minerals in the host porphyry usually are entirely altered with a trace of relict hornblendes and biotites.

### 6.1.2 Mex

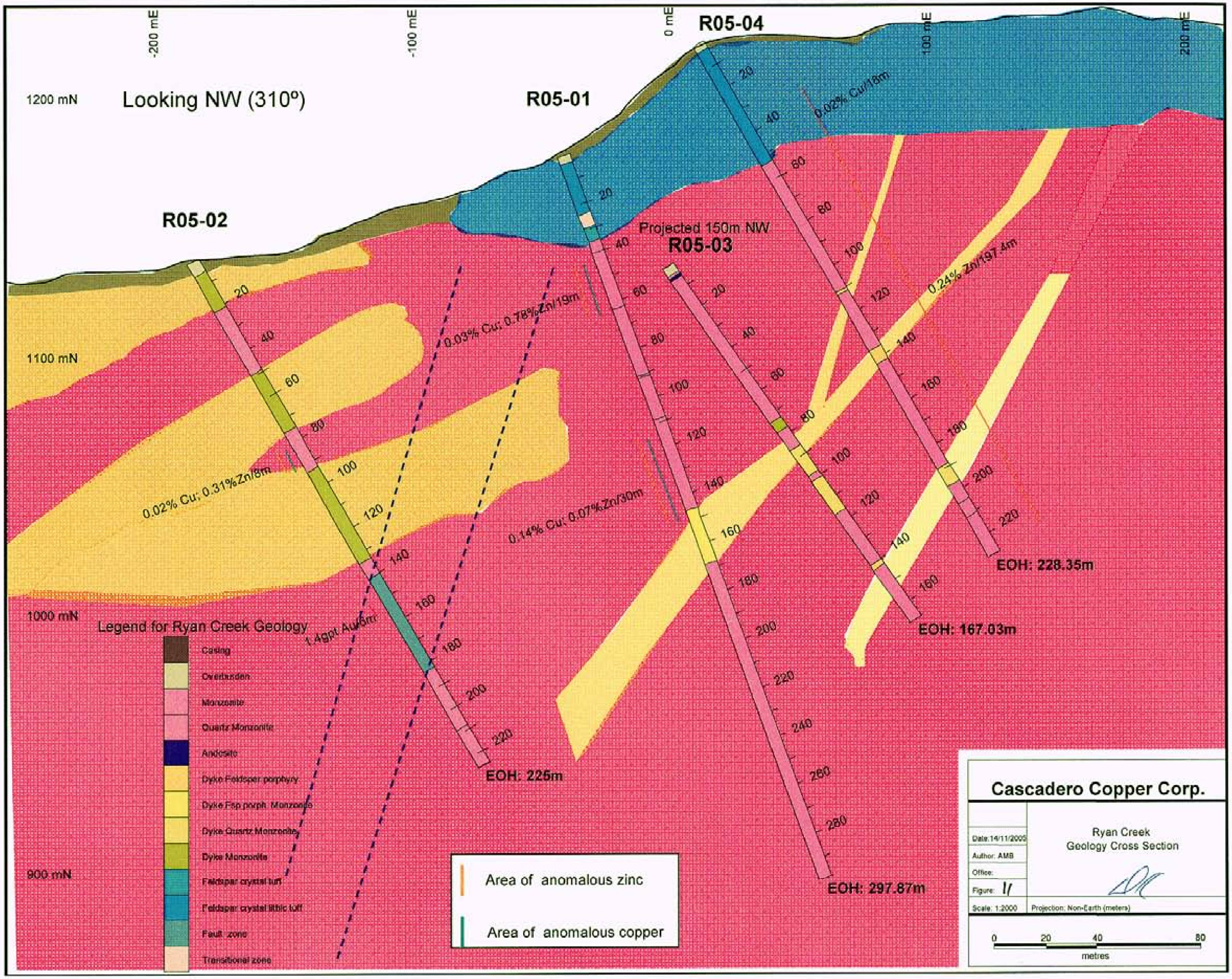
The **Mex** prospect is underlain by host monzonite porphyry and fresh unaltered Giegerich granodiorite to the southeast (Figure 8). Mex ridge which is a strongly altered rusty oxidized gossan has a complicated geology. The mineralization, primarily pyrite, which caused the Mex gossan, is exposed on surface over a large area. Historical sampling of these rocks has revealed the presence of copper, gold and molybdenum. Geological mapping and drilling, has shown that a volcanic breccia, and monzonite breccia both which have been re-silicified are found along the southern part of the ridge and to depths of up to 200m below the surface (Figures 8, 9). Wide monzonite dykes, up to 90m wide cross the ridge trending north-northeast. Volcanic dacite ash flow tuff capping the ridge was intersected in DDH M05-01 and mapped on surface in outcrops south of M05-01 (Figure 8, 9). Many north-south to northeast-southwest trending shears and faults were intersected in the drill holes, which are parallel to the Mex fault (Figure 7)

### 6.1.3 Ryan Creek, Pine North

The Pine North and Ryan Creek prospects are located on the north side of the Finlay River valley (Figure 3). Both the Pine North and Ryan Creek prospects are hosted in monzonite-quartz monzonite porphyry (Figure 10). It is believed that the Pine-Fin-Tree porphyry extends to the north side of the Finlay River including the Pine North and Ryan Creek prospects. The mineral trend of both areas is very similar. Dawson, 2004 suggests




See Figure 7 for geology legend



-200 mE
-100 mE
0 mE
100 mE
200 mE
1200 mN
1100 mN
1000 mN
900 mN
Looking NW (310º)
R05-01
R05-02
R05-04
Projected 150m NW
R05-03
0.02% Cu/18m
0.24% Zn/197.4m
0.03% Cu; 0.78% Zn/19m
0.02% Cu; 0.31% Zn/8m
0.14% Cu; 0.07% Zn/30m
1.4gpt Au/5m
EOH: 225m
EOH: 297.87m
EOH: 167.03m
EOH: 228.35m
Legend for Ryan Creek Geology
Casing
Overburden
Monzonite
Quartz Monzonite
Andesite
Dyke Feldspar porphyry
Dyke Fsp porph. Monzonite
Dyke Quartz Monzonite
Dyke Monzonite
Feldspar crystal tuff
Feldspar crystal lithic tuff
Fault zone
Transitional zone
Area of anomalous zinc
Area of anomalous copper
Cascadero Copper Corp.
Ryan Creek
Geology Cross Section
Date:14/11/2005
Author: AMB
Office:
Figure: 11
Scale: 1:2000
Projection: Non-Earth (meters)
0 20 40 80
metres

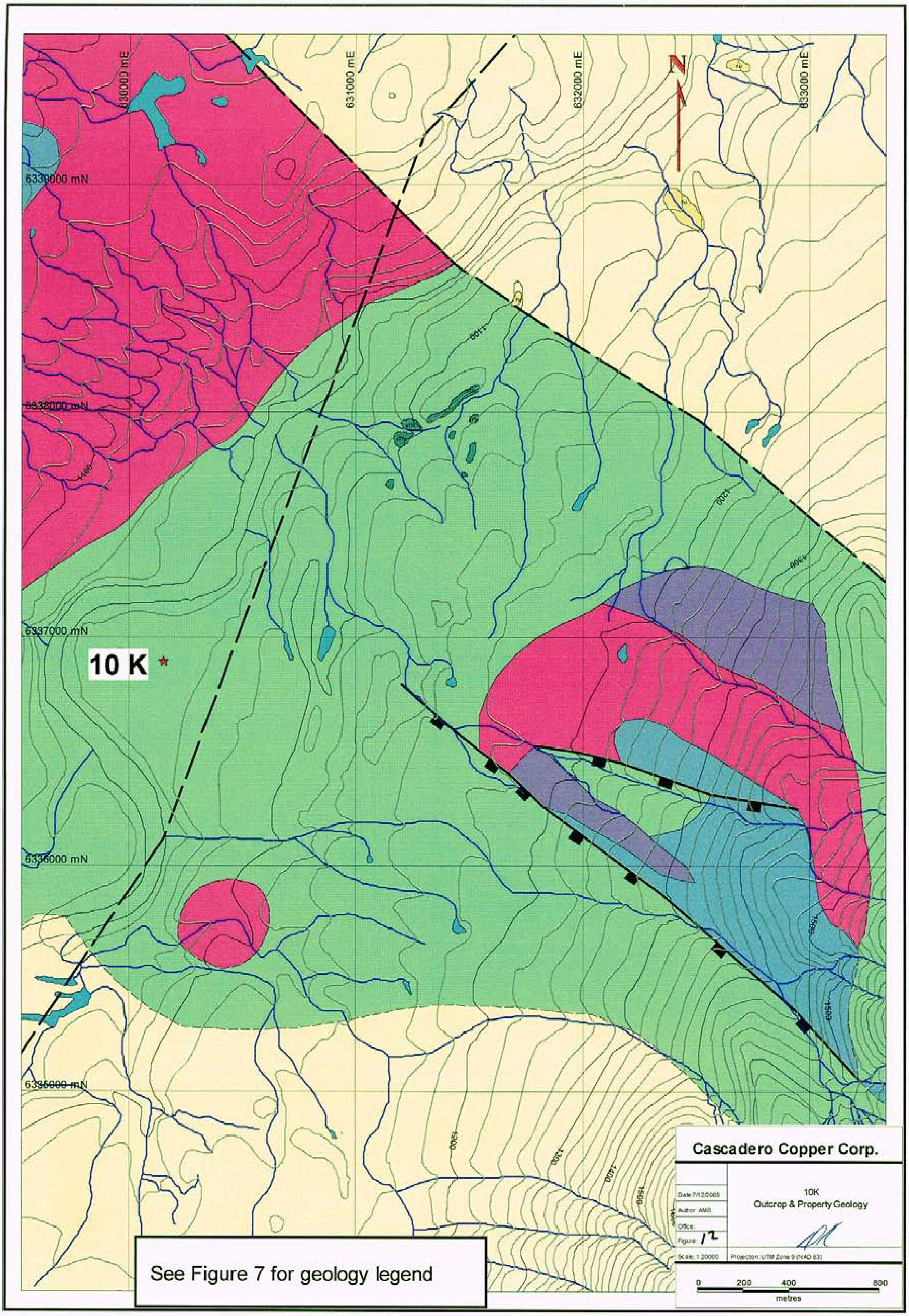
that it may be possible that the Pine-Tree-Fin and Pine North-Ryan Creek are part of a giant mineralized intrusion that exists on both sides of the valley. Pine North was discovered by soil geochemistry in 1992 as the area is generally covered with glacial-fluvial overburden and dense vegetation, with scarce outcrop. The 2005 season saw limited prospecting and mapping to this area. Similarly with the Ryan Creek prospect outcrop is limited except along the walls of the canyon which drains the Ryan Creek. The geology of the Ryan Creek is a fractured, propylitic-argillic altered monzonite in contact with volcanic andesite-dacite ash flow tuffs (Figure 11). Drill holes RC05-01 and RC05-04 intersected up to 50m of volcanic crystal lithic tuff with subangular-angular rock fragments (up to 5 cm) immersed in a fine matrix with feldspars and hornblende. A high angle NW fault trending down the Ryan Creek, likely contributes to the high fracture density and mineralization.

### 6.1.4 10K

Figure 12 shows the geology of the 10k area. The 10K prospect is hosted in dark green augite phyric andesite flows which are intruded by a small stock of monzonite east of the 10K prospect (Dawson 2004). The contact between the granodiorite pluton located on the north side of the Finlay River and the Takla volcanics is not precisely defined due to lack of outcrop. This intrusive may be much closer to the 10K showing contributing to the pyrite+sphalerite+galena+chalcopyrite mineralized quartz veins, as well as the propyliticly altered andesite host. Limited work was done on the 10K prospect during the 2005 season. Geological mapping northwest of the 10K showing helped in defining geological contacts between the rock which hosts the 10K showing and the adjacent feldspar crystal tuffs.

### 6.1.5 Canyon Creek

The proximity of the Canyon Creek area to the Pine deposit, Wrich Hill and other mineralized zones is important to understanding the alteration and mineralization pattern of the porphyry corridor on the south side of the Finlay Valley. Outcrop scale mapping



630000 mE
631000 mE
632000 mE
633000 mE
N
6339000 mN
6338000 mN
6337000 mN
6336000 mN
6335000 mN
10 K
Cascadero Copper Corp.
10K
Outcrop & Property Geology
Date 7/12/2005
Author: AMG
Office:
Figure: 12
Scale: 1:20000
Projection: UTM Zone 9 (NAD 83)
0
200
400
800
metres
See Figure 7 for geology legend

of the canyon creek area constrained the contacts between sections of the monzonite host which underlies the Pine deposit and volcanic tuffs (Figure 13). A small diorite stock was also found on the southern end of the Canyon Creek. A northeast-southwest trending fault mapped through Fin Lake may continue up the Canyon Creek, contributing to the strong quartz-sericite-pyrite alteration mapped in this area.

### 6.1.6 Steel

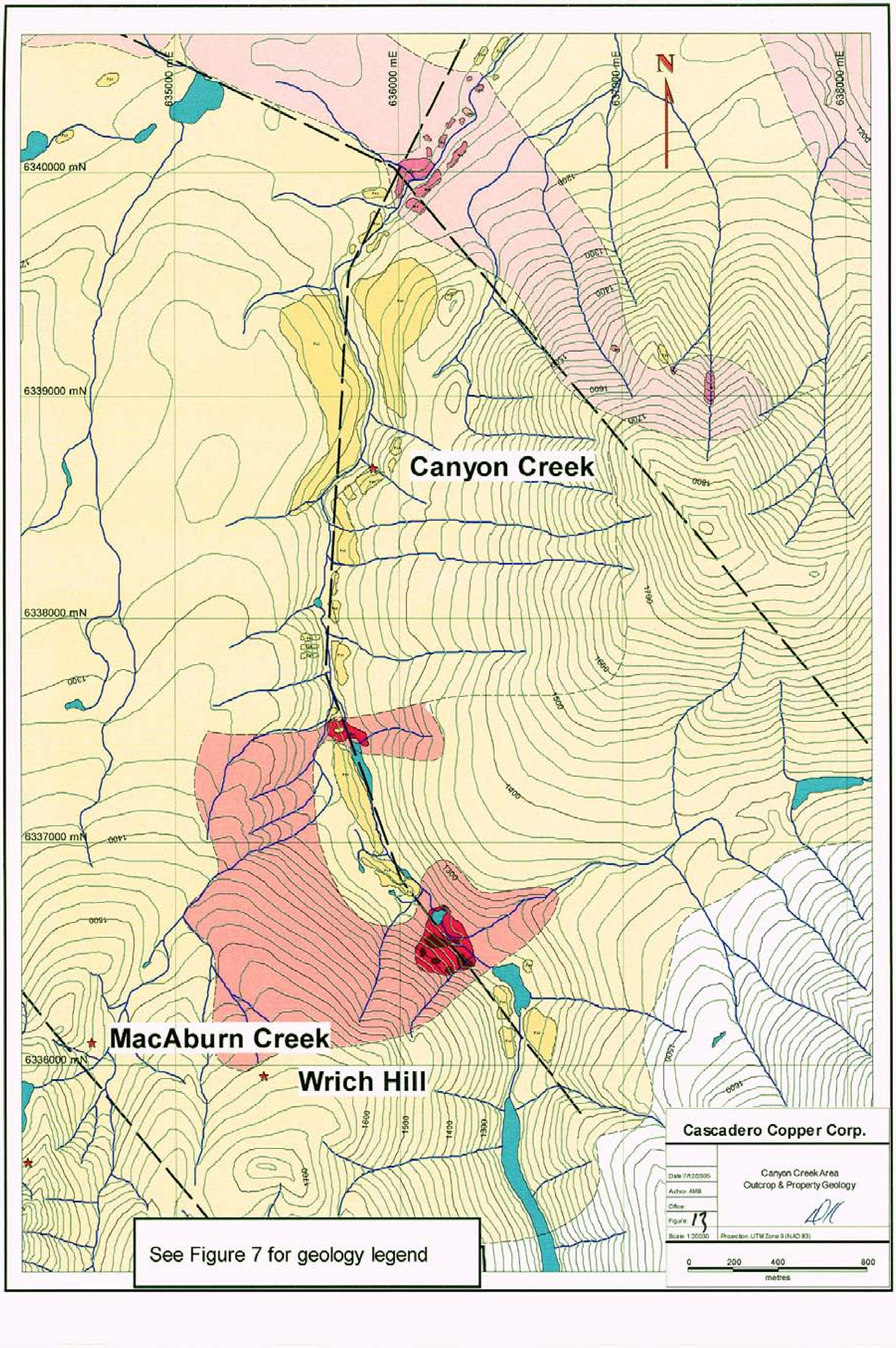
The Steel Claims located in the southwest corner of the Cascadero Copper property is underlain by metasedimentary sandstones and siltstones of the Asitka Group which are intruded to the north and northeast by a Black Lake Suite granodiorite (Figure 14). The metasedimentary rocks are situated geographically above a younger feldspar crystal tuff and andesite flow suggesting significant uplift on the metasediments.

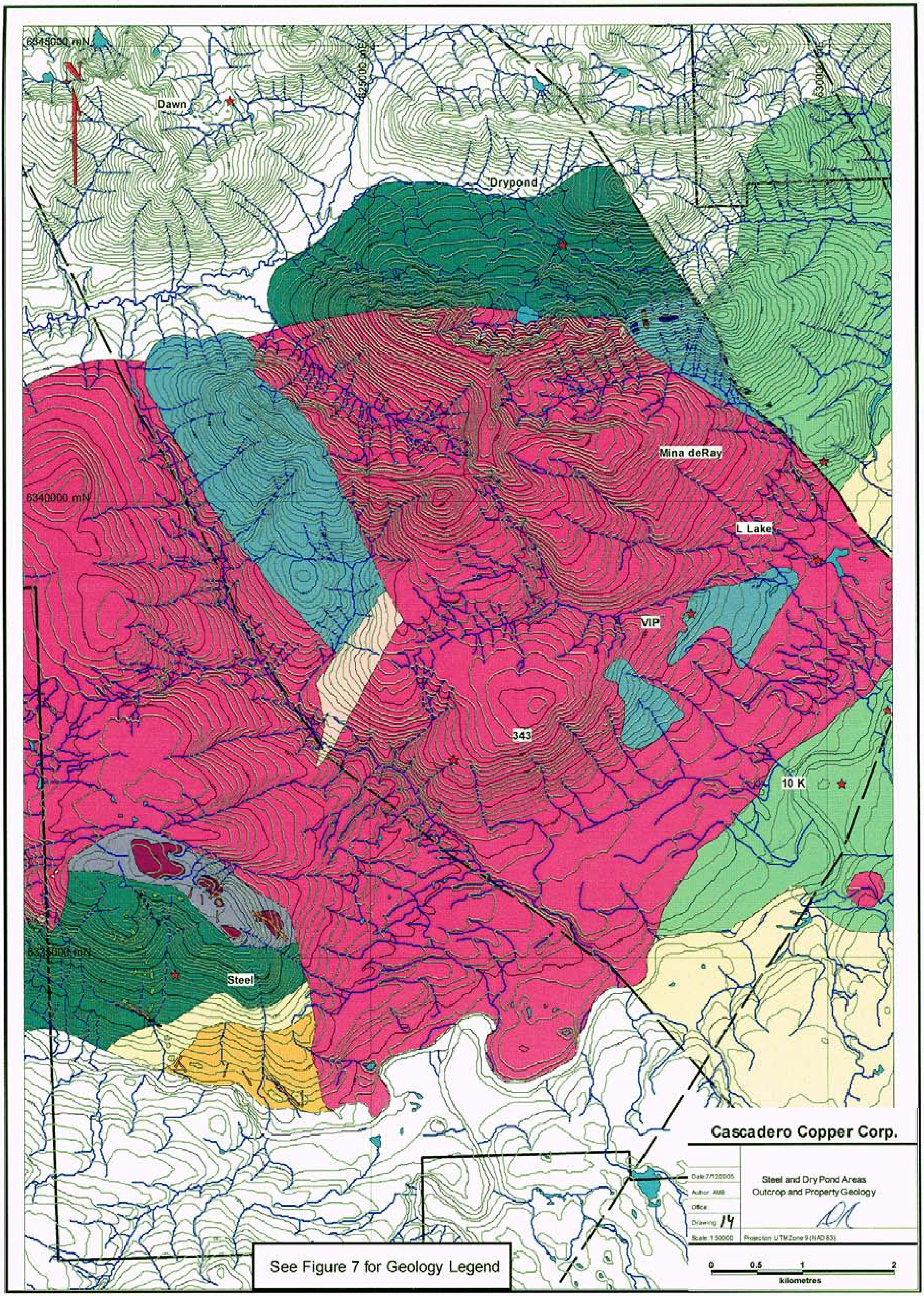
### 6.1.7 Dry Pond

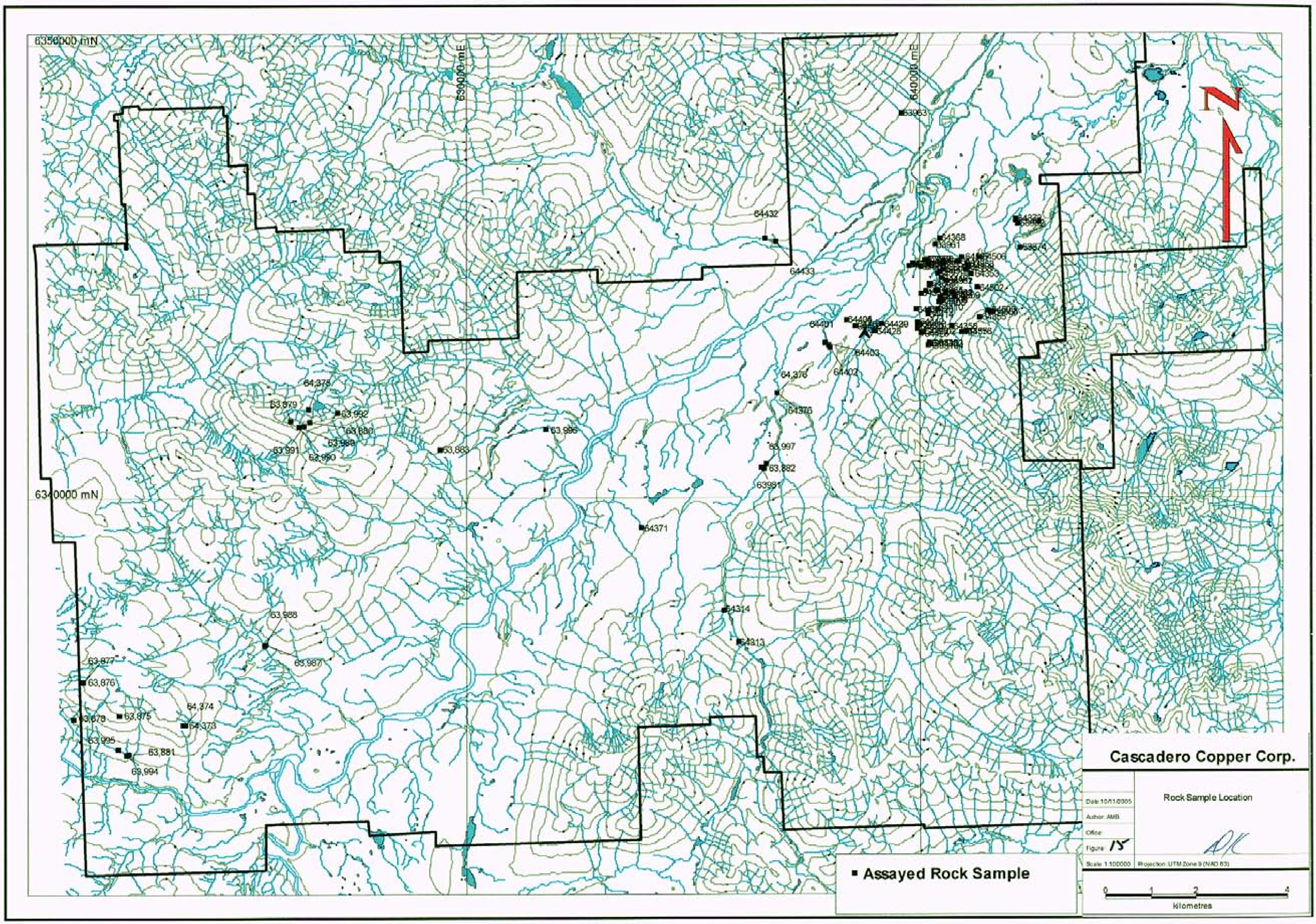
Minimal work on the Dry Pond claims was done during the 2005 season; work included geological mapping and prospecting primarily south of the 'Dry Pond'. Generally speaking the northern parts of the claims are underlain by Asitka metasediments in contact with the Black Lake Suite granodiorite pluton. To the east is a 50m wide limestone wedge in contact with the Saunders fault (Figure 14).

## 6.2.0 Geochemistry

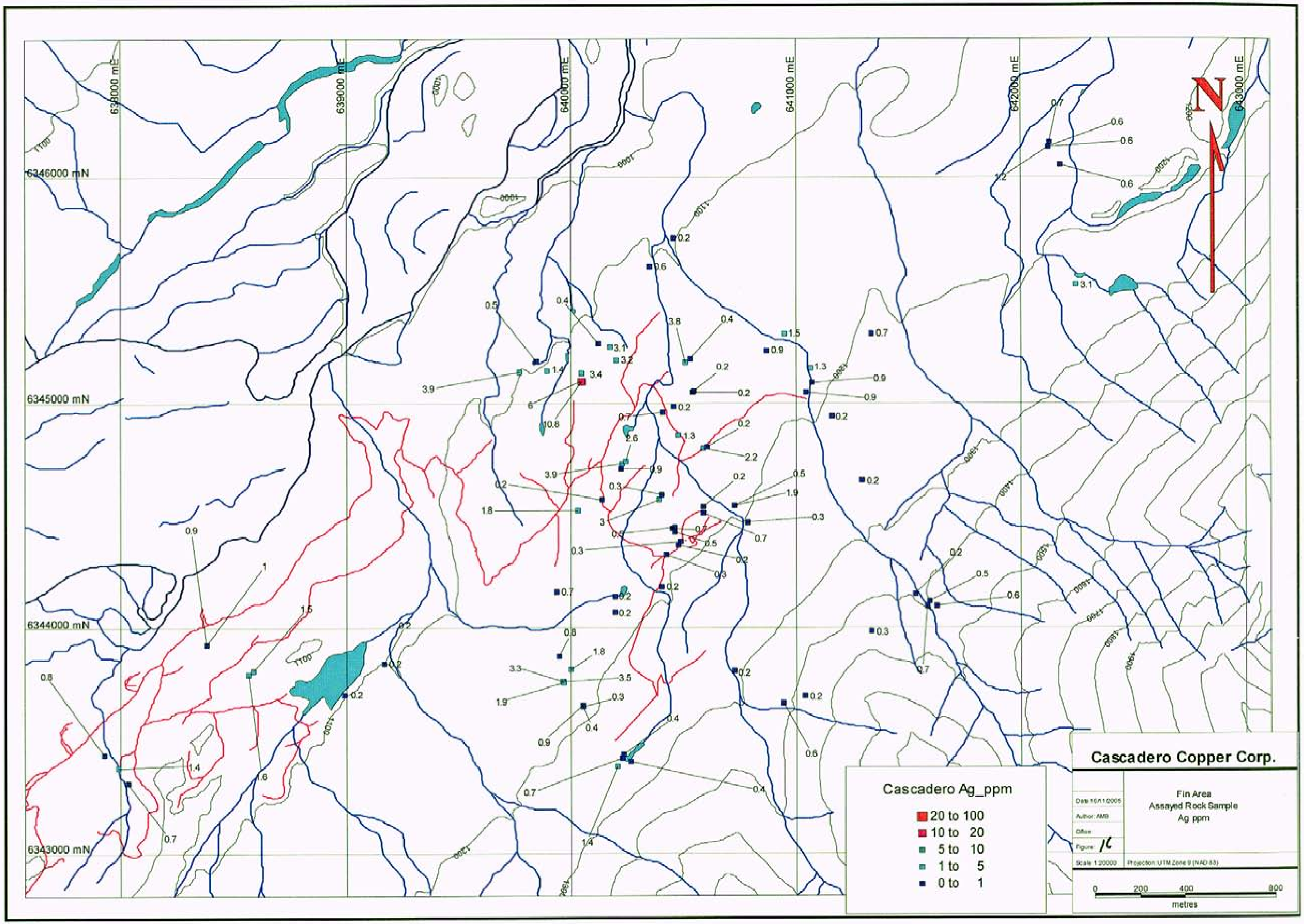
Rock sample locations for the Cascadero Copper areas are shown on Figure 15 with inset Figure 16 for Fin-Tree area. Plan maps for Au, Ag, Cu, Pb and Zn are shown for rocks. Assay certificates are found in Appendix II and abbreviated rock sample descriptions in Table III.


635000 mE
636000 mE
637000 mE
638000 mE
N
6340000 mN
6339000 mN
6338000 mN
6337000 mN
6336000 mN
Canyon Creek
MacAburn Creek
Wrich Hill
Cascadero Copper Corp.
Canyon Creek Area
Outcrop & Property Geology
Author AMB
Figure 13
Projection UTM Zone 9 (NAD 83)
0
200
400
800
metres
See Figure 7 for geology legend


N
Dawn
Drypond
6340000 mN
Mina deRay
L Lake
VIP
343
10 K
Steel
Cascadero Copper Corp.
Author: AMB
Office:
Drawing: 14
Steel and Dry Pond Areas
Outcrop and Property Geology
Projection: UTM Zone 9 (NAD 83)
0
0.5
1
2
kilometres
See Figure 7 for Geology Legend



6350000 mN
630000 mE
640000 mE
6340000 mN
N
64432
64433
64371
64314
64313
Cascadero Copper Corp.
Rock Sample Location
Scale 1:100000
Projection: UTM Zone 9 (NAD 83)
Assayed Rock Sample
kilometres


Cascadero Copper Corp.
Fin Area
Assayed Rock Sample
Ag ppm
Date: 10/11/2005
Author: AMB
Figure: 1C
Scale 1:20000
Projection: UTM Zone 9 (NAD 83)
0 200 400 800
metres
Cascadero Ag_ppm
20 to 100
10 to 20
5 to 10
1 to 5
0 to 1
N
638000 mE
639000 mE
640000 mE
641000 mE
642000 mE
643000 mE
6346000 mN
6345000 mN
6344000 mN
6343000 mN

### 6.2.1 Gold Geochemistry

Gold in rocks values are shown in Figures 17, 18. The highest gold value was 0.6g/tn Au from a float sample on the Steel property. A small cluster of seven samples located near the Pine showing recovered between 0.11g/tn Au and 0.55g/tn Au. These rocks were described as phyllically altered monzonites, with trace of pyrite + chalcopyrite and occasional quartz stockwork.

### 6.2.2 Silver Geochemistry

Silver values are shown on Figure 19, 20. The main cluster of silver values are on the Steel, where four rocks recovered >10g/tn Ag. Sample #64373 described as a 15cm chip sample across an oxidized vein/shear with pyrite and chalcopyrite from the Steel claims recovered 100g/tn Ag. A float sample #63990 from Dry Pond recovered 20g/tn Ag and a quartz-sericite-pyrite altered monzonite from Pine West recovered 13.5 g/tn Ag.

### 6.2.3 Copper Geochemistry

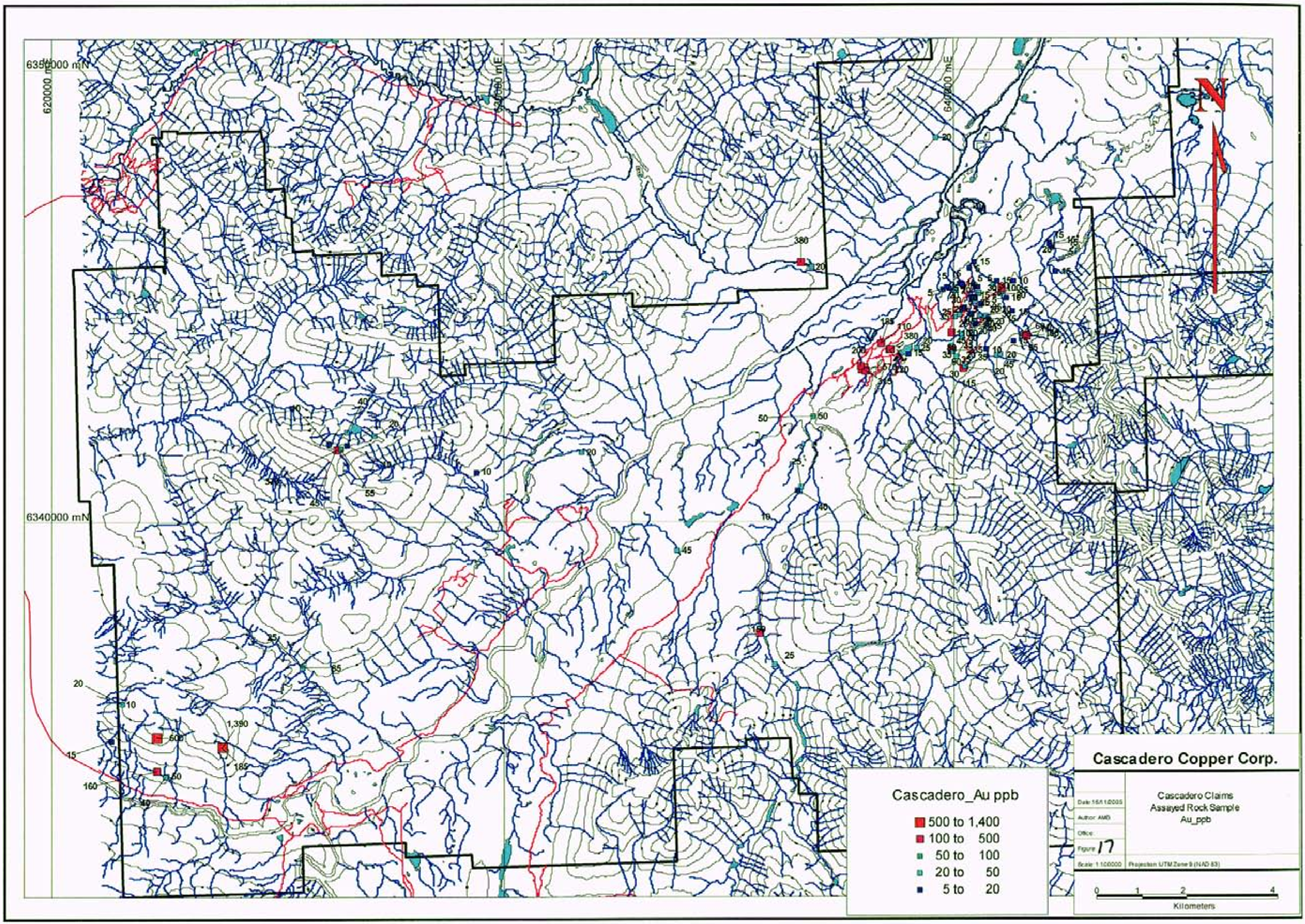
The highest copper values were from the Steel claim (Figure 21). Float and outcrop samples recovered up to 4.04% Cu. Three quartz-carbonate vein samples from the Dry Pond area recovered >0.2% Cu and one grab sample from the Fin area recovered 0.1% Cu (Figure 22).

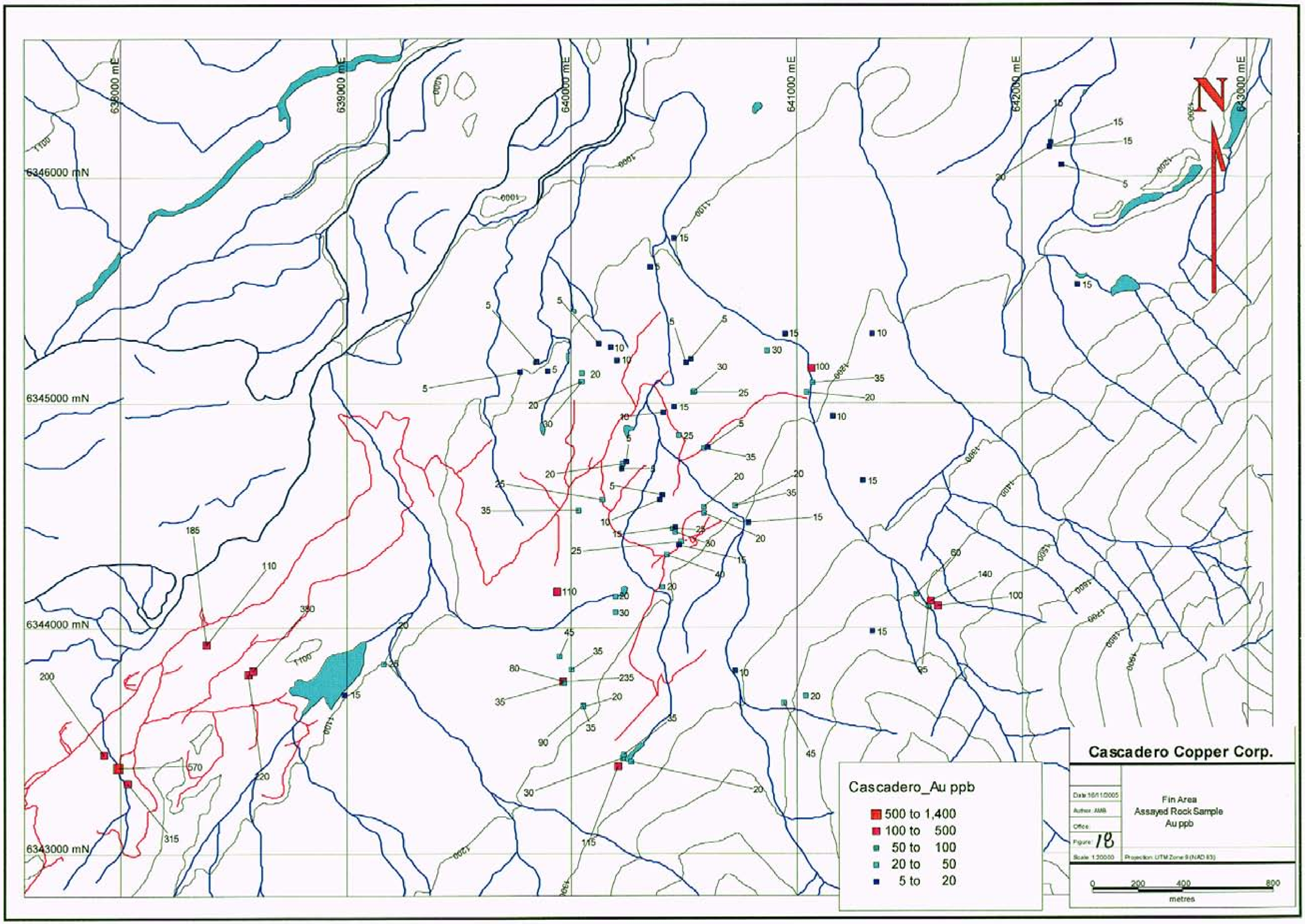
### 6.2.4 Lead Geochemistry

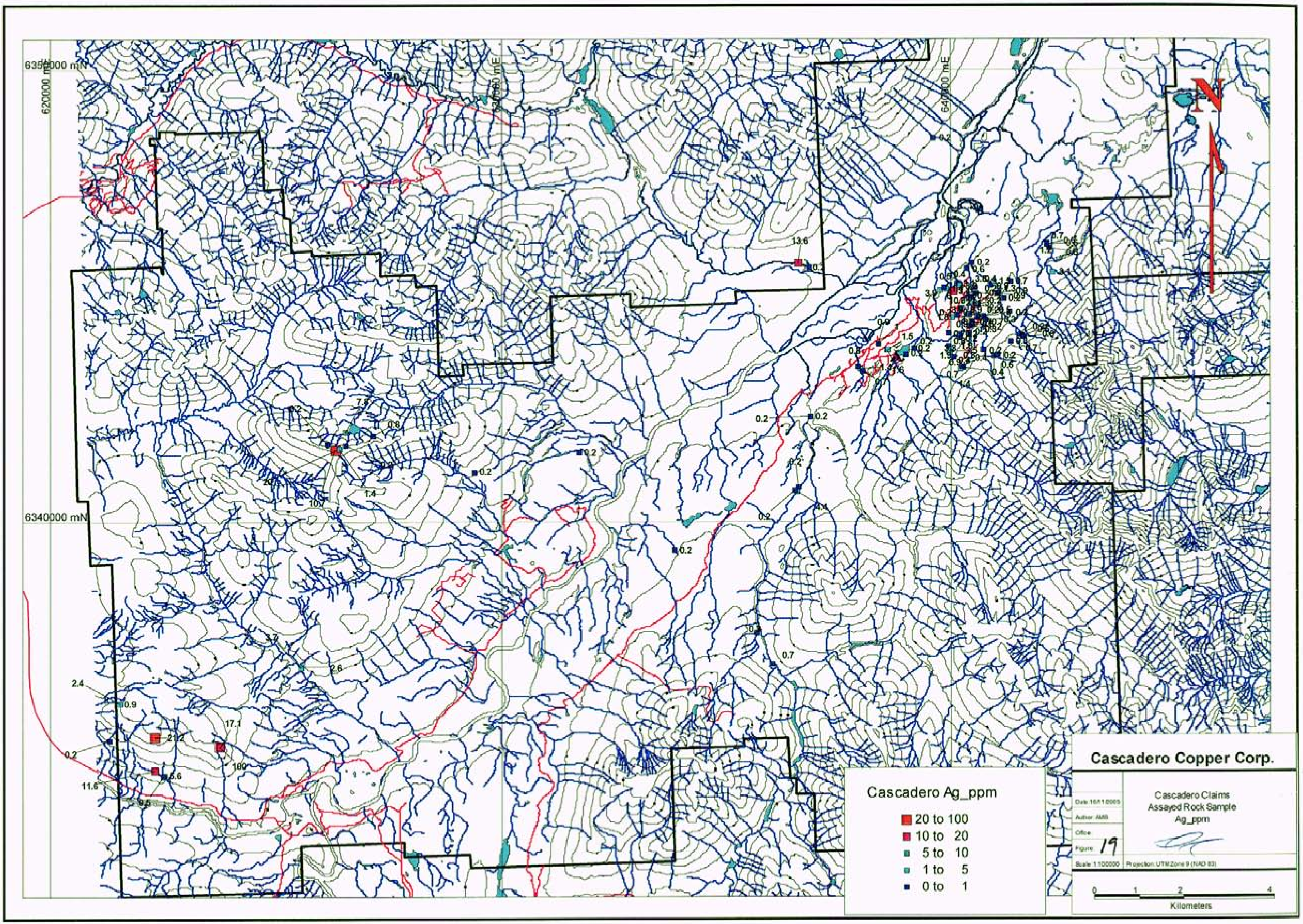
Lead values are shown in (Figures 23, 24). There were no significant lead values.

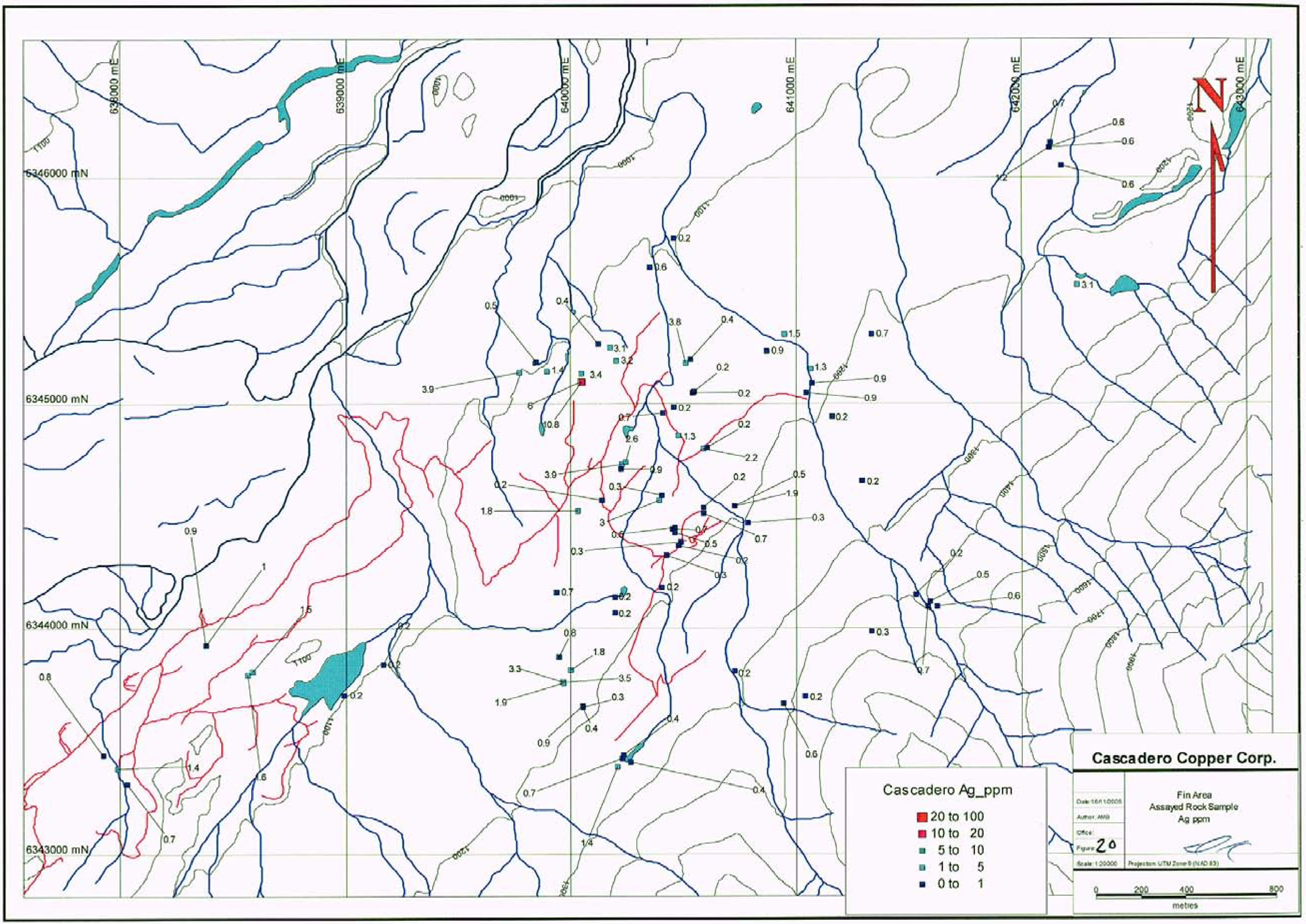
### 6.2.5 Zinc Geochemistry

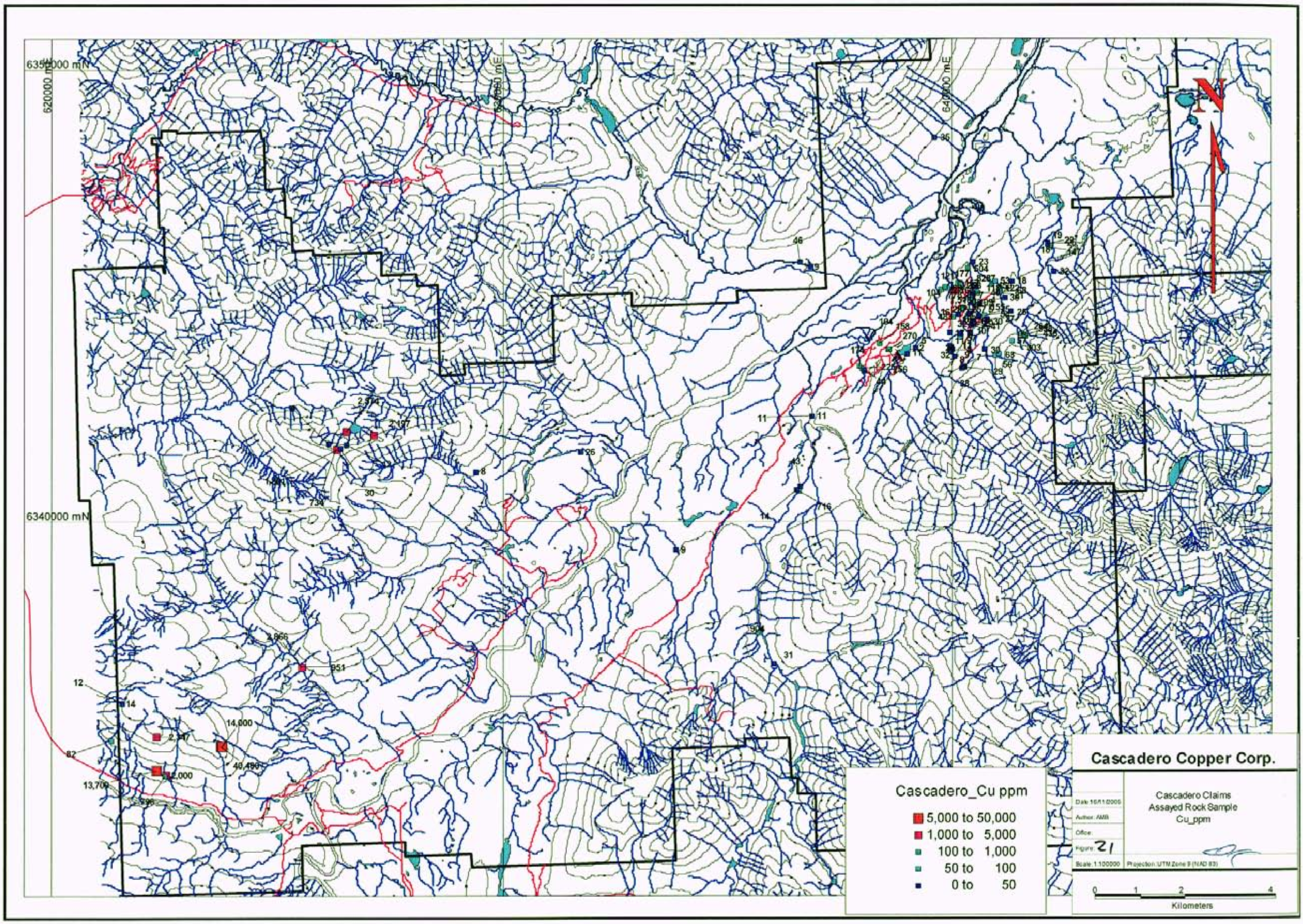
Zinc values from assayed rocks samples are shown in Figure25, 26. The highest zinc value was from Pine West where a grab sample of quartz-sericite-pyrite altered monzonite recovered 0.20% Zn. Two samples from Dry Pond (#63989 and #63990)


6350000 mN
620000 mE
630000 mE
640000 mE
6340000 mN
N
Cascadero_Au ppb
500 to 1,400
100 to 500
50 to 100
20 to 50
5 to 20
Cascadero Copper Corp.
Cascadero Claims
Assayed Rock Sample
Au_ppb
Author: AMD
Office:
Figure 17
Scale: 1:100000
Projection: UTM Zone 9 (NAD 83)
0
1
2
4
Kilometers

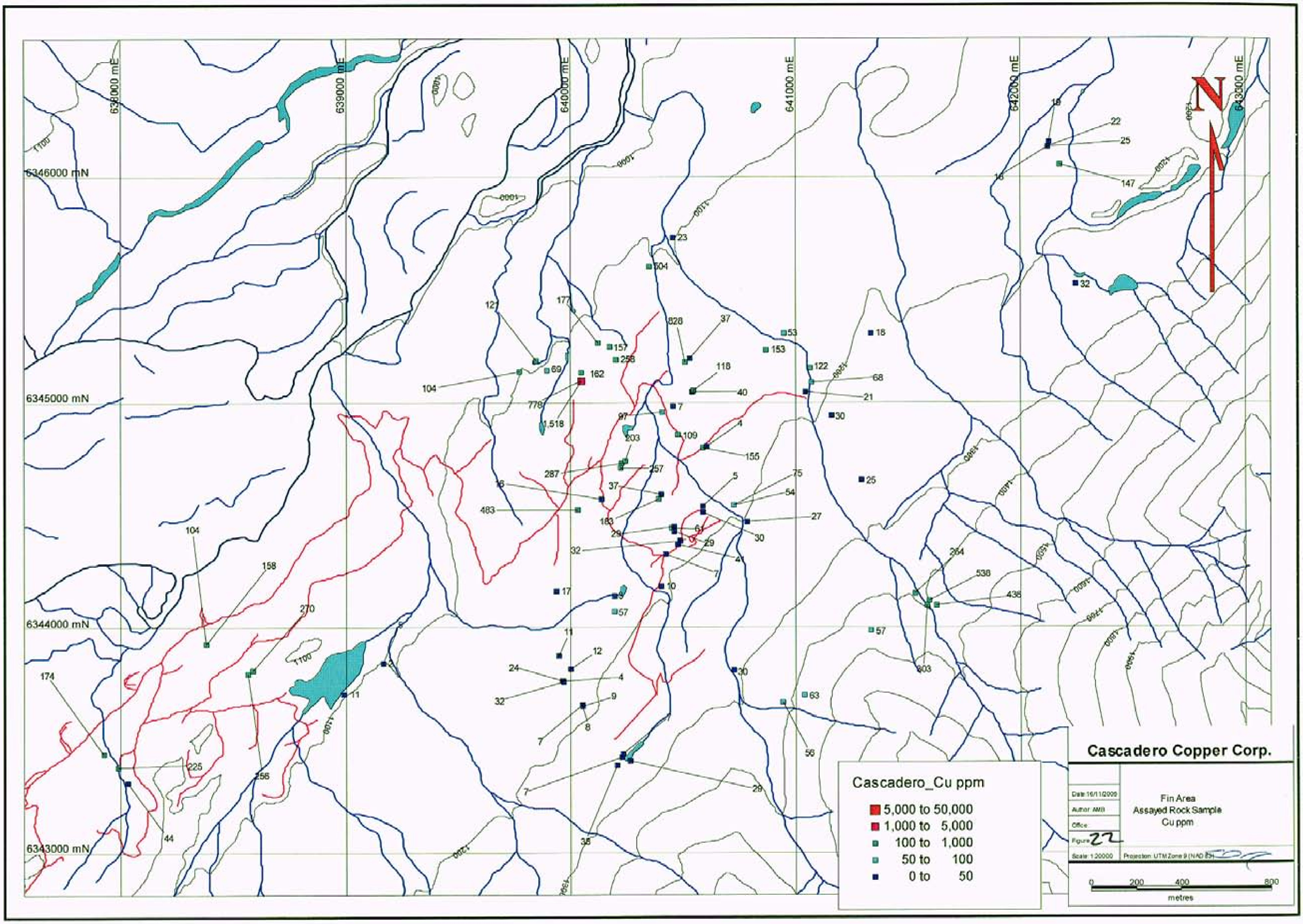

Cascadero Copper Corp.
Fin Area
Assayed Rock Sample
Au ppb
Date: 16/11/2005
Author: AMB
Office:
Figure: 18
Scale: 1:20000
Projection: UTM Zone 9 (NAD 83)
Cascadero_Au ppb
500 to 1,400
100 to 500
50 to 100
20 to 50
5 to 20
0 200 400 800
metres
N
639000 mE
639000 mE
640000 mE
641000 mE
642000 mE
643000 mE
6346000 mN
6345000 mN
6344000 mN
6343000 mN

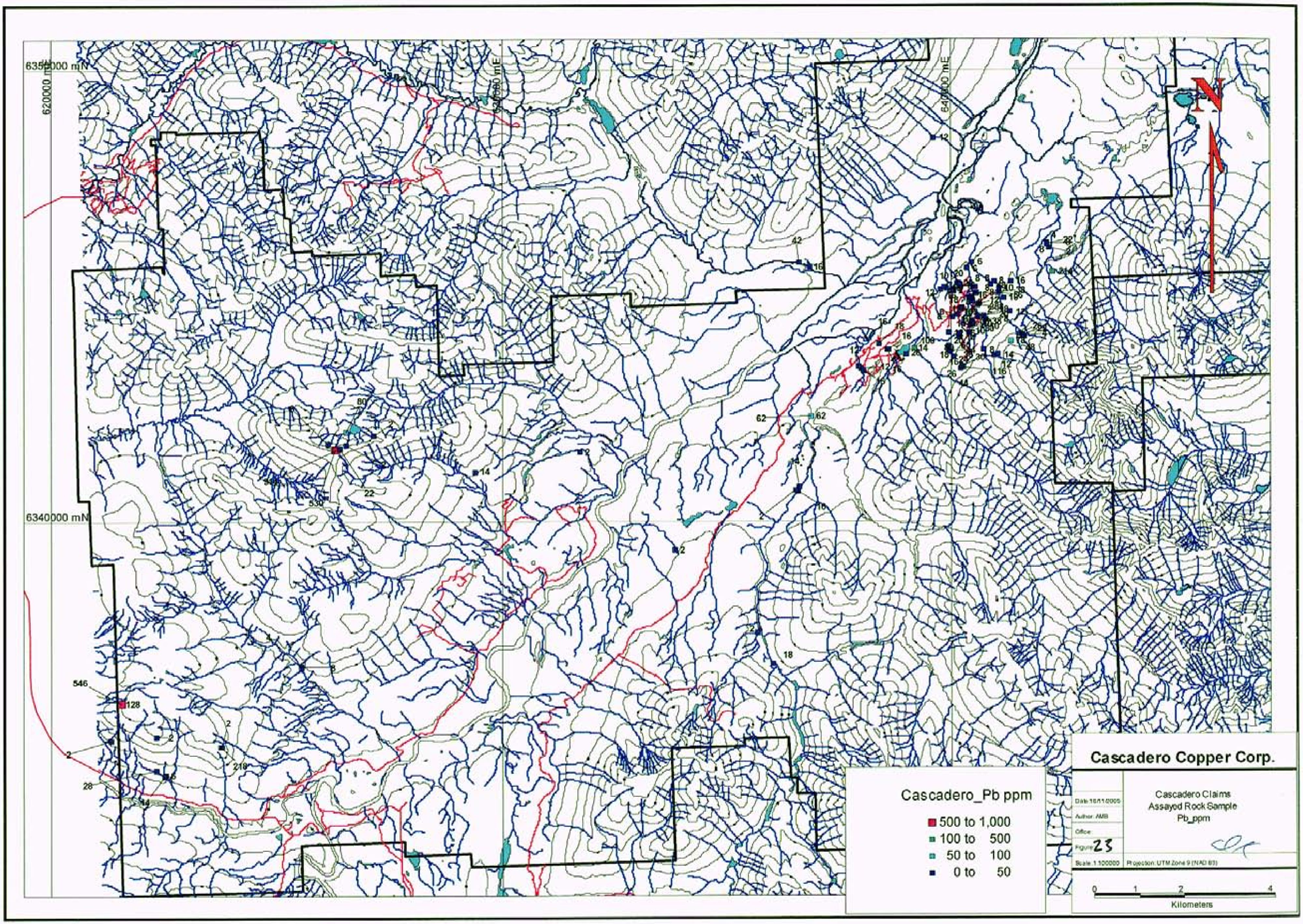

Cascadero Copper Corp.
Cascadero Claims
Assayed Rock Sample
Ag_ppm
Figure 19
Projection: UTM Zone 9 (NAD 83)
Kilometers
Cascadero Ag_ppm
20 to 100
10 to 20
5 to 10
1 to 5
0 to 1
6340000 mN
N

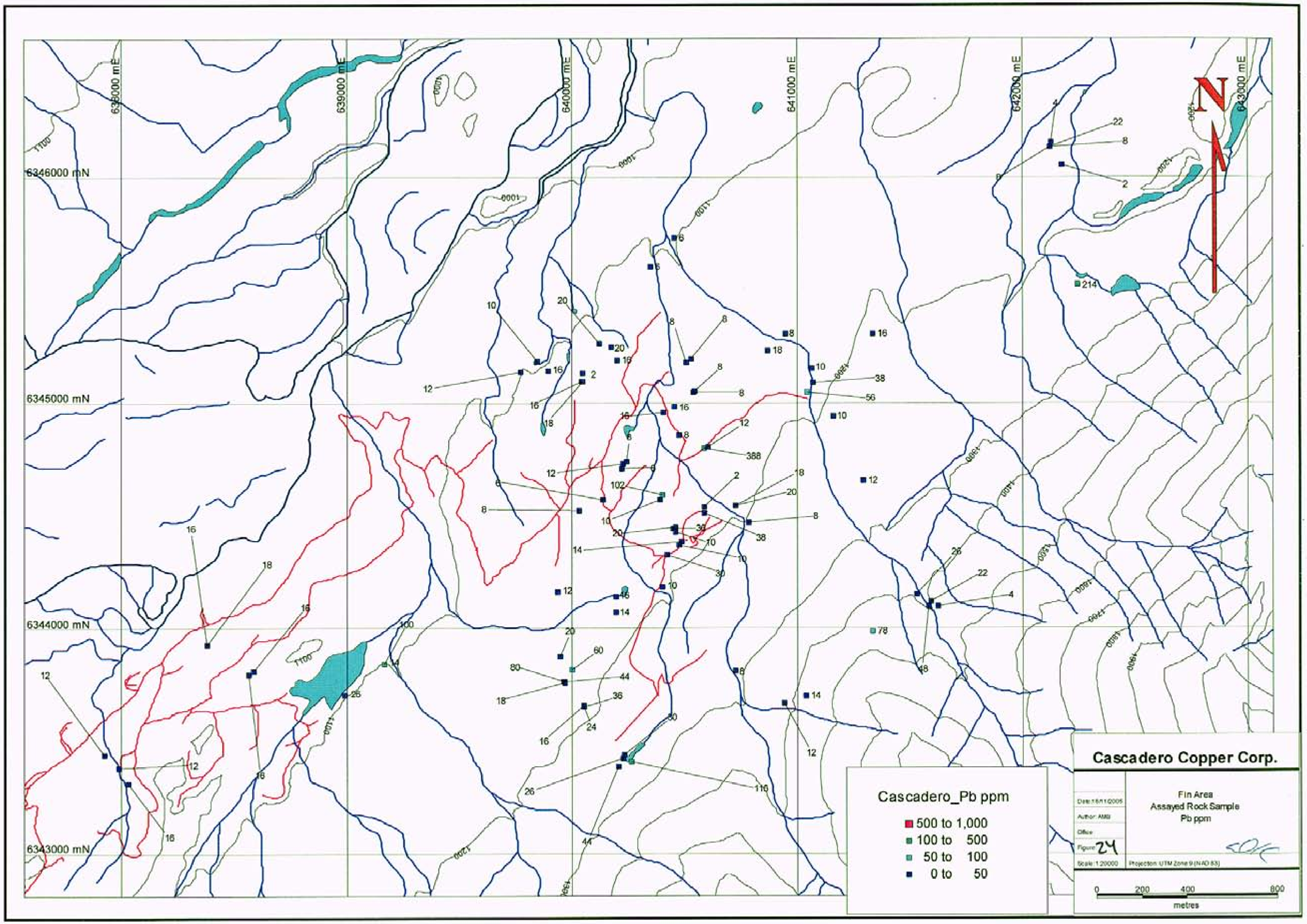

638000 mE
639000 mE
640000 mE
641000 mE
642000 mE
643000 mE
6346000 mN
6345000 mN
6344000 mN
6343000 mN
N
Cascadero Ag_ppm
20 to 100
10 to 20
5 to 10
1 to 5
0 to 1
Cascadero Copper Corp.
Fin Area
Assayed Rock Sample
Ag ppm
Author: AMB
Office:
Figure 20
Scale: 1:20000
Projection: UTM Zone 9 (NAD 83)
0
200
400
800
metres



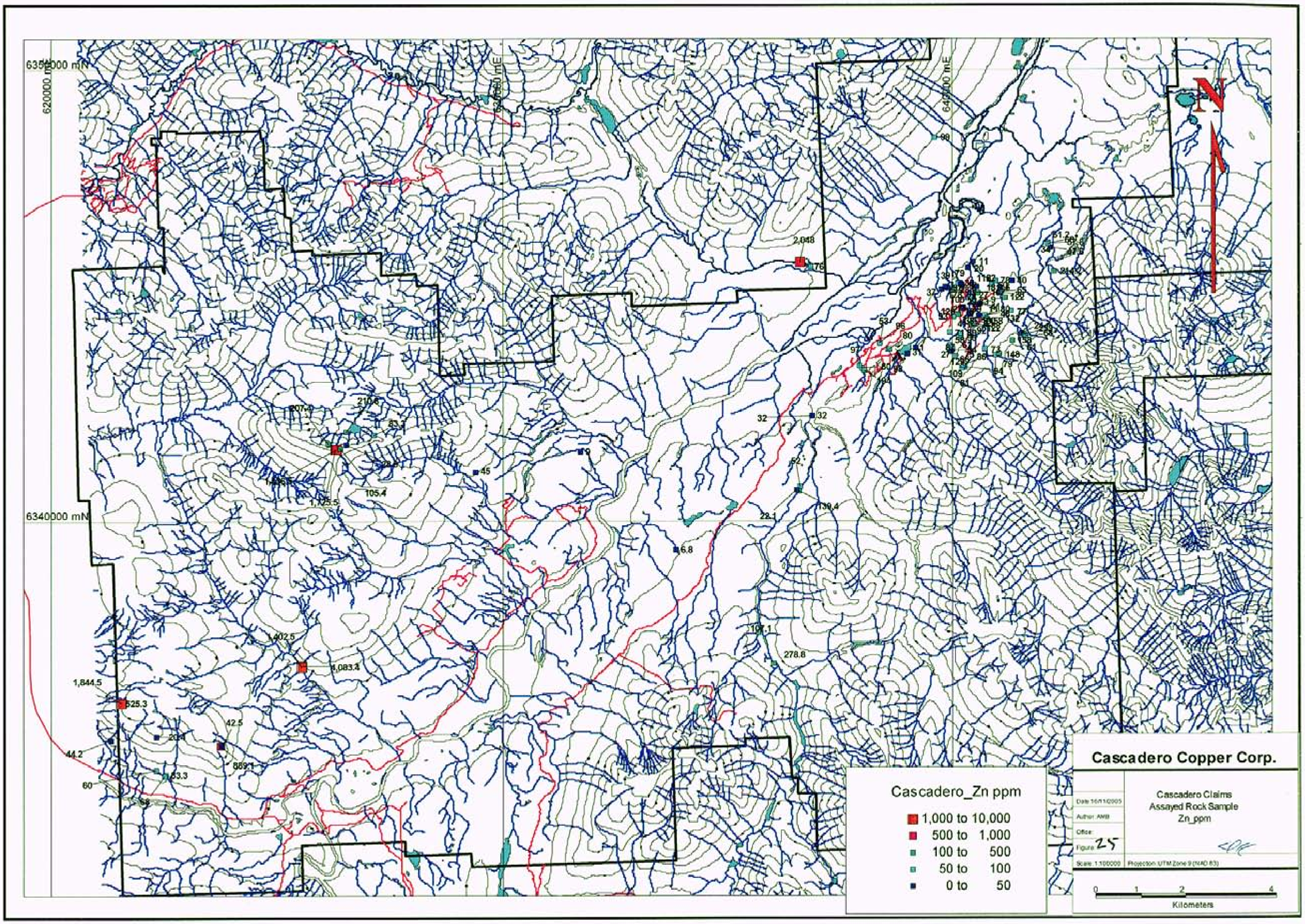
6350000 mN
6340000 mN
620000
630000 mE
640000 mE
N
Cascadero_Cu ppm
5,000 to 50,000
1,000 to 5,000
100 to 1,000
50 to 100
0 to 50
Cascadero Copper Corp.
Cascadero Claims
Assayed Rock Sample
Cu_ppm
Author: AMB
Office:
Figure: 21
Scale: 1:100000
Projection: UTM Zone 9 (NAD 83)
0
1
2
4
Kilometers

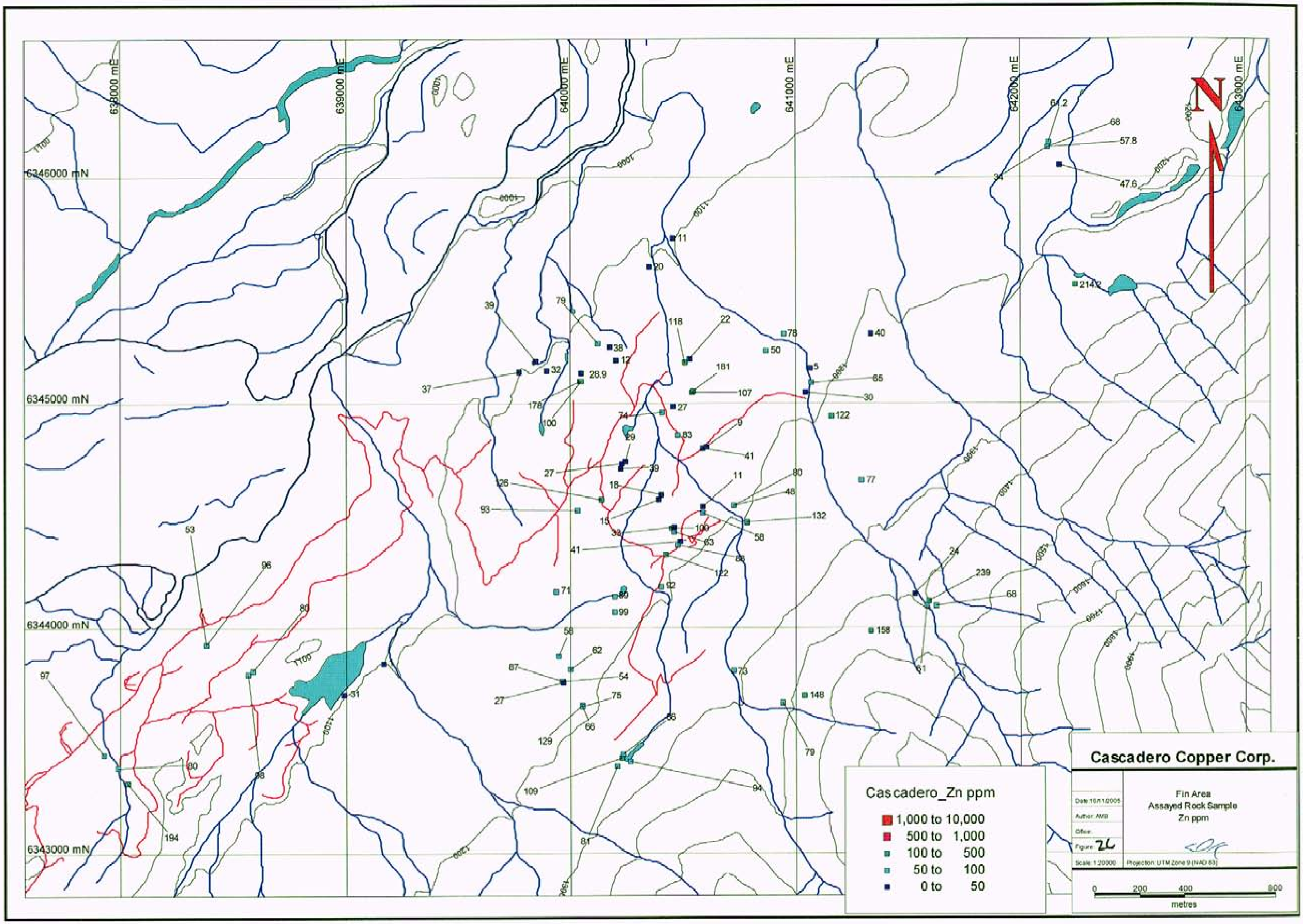

Cascadero Copper Corp.
Fin Area
Assayed Rock Sample
Cu ppm
Date: 16/11/2009
Author: AMB
Office:
Figure: 22
Scale: 1:20000
Projection: UTM Zone 9 (NAD 83)
Cascadero_Cu ppm
5,000 to 50,000
1,000 to 5,000
100 to 1,000
50 to 100
0 to 50
0 200 400 800
metres
638000 mE
639000 mE
640000 mE
641000 mE
642000 mE
643000 mE
6346000 mN
6345000 mN
6344000 mN
6343000 mN
N


6350000 mN
6340000 mN
620000 mE
640000 mE
N
Cascadero_Pb ppm
500 to 1,000
100 to 500
50 to 100
0 to 50
Cascadero Copper Corp.
Cascadero Claims
Assayed Rock Sample
Pb_ppm
Author: AMB
Office:
Figure 23
Scale: 1:100000
Projection: UTM Zone 9 (NAD 83)
0 1 2 4
Kilometers

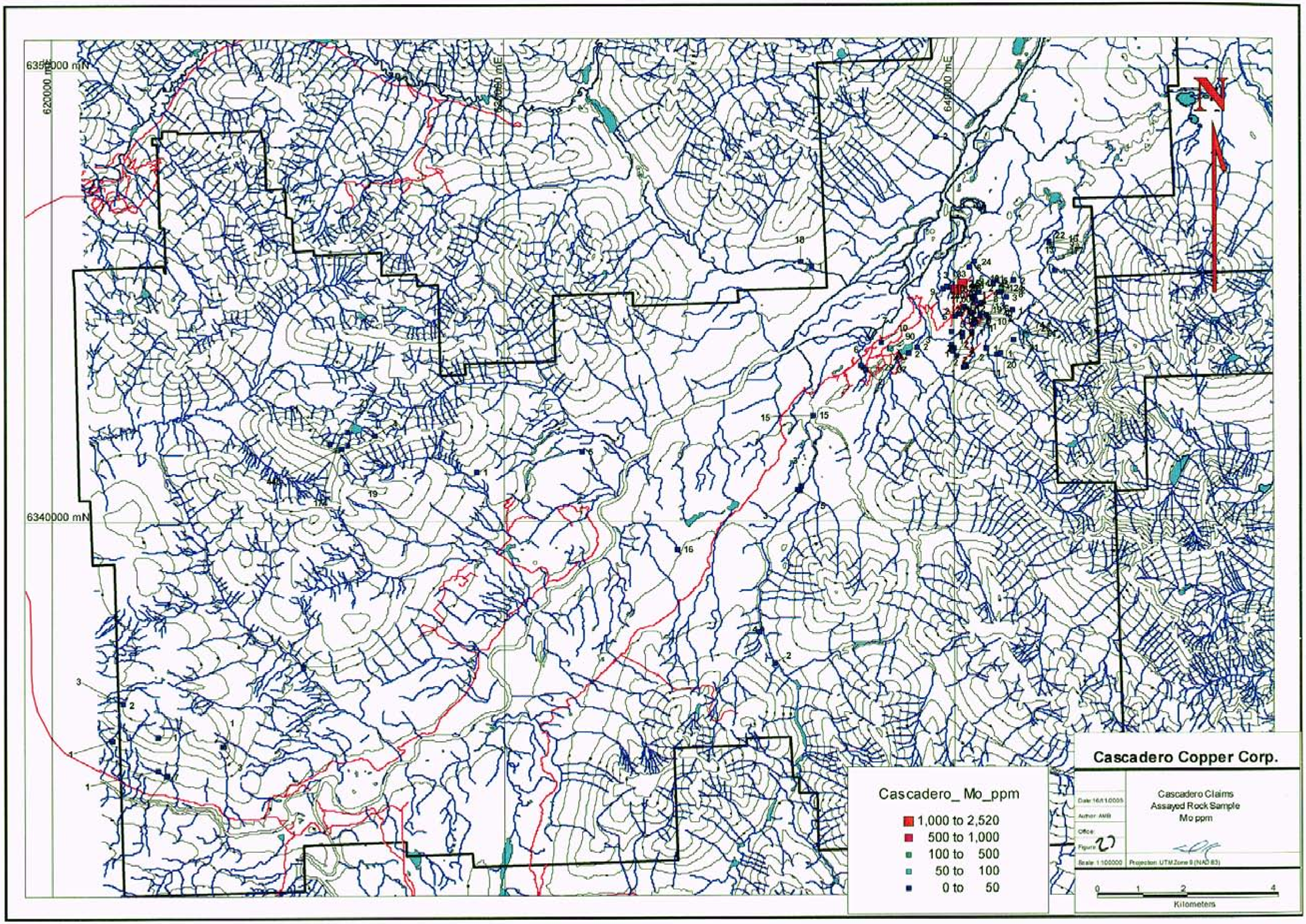


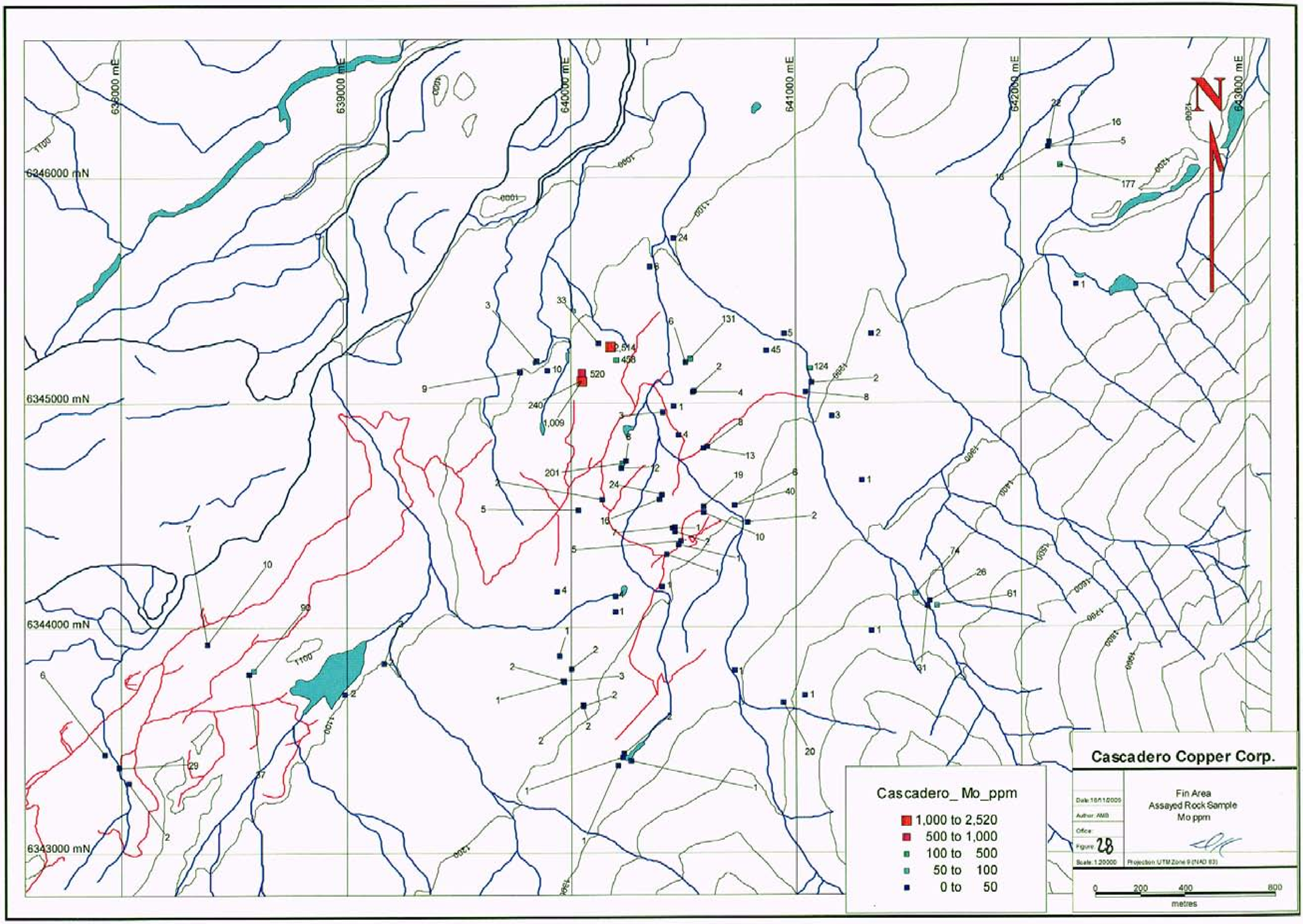
Cascadero Copper Corp.
Fin Area
Assayed Rock Sample
Pb ppm
Figure 24
Scale 1:20000
Projection: UTM Zone 9 (NAD 83)
Cascadero_Pb ppm
500 to 1,000
100 to 500
50 to 100
0 to 50
0 200 400 800
metres
6346000 mN
6345000 mN
6344000 mN
6343000 mN
638000 mE
639000 mE
640000 mE
641000 mE
642000 mE
643000 mE


6350000 mN
6340000 mN
620000 mE
630000 mE
640000 mE
N
2,048
1,844.5
625.3
1,402.5
1,083.3
1,725.5
105.4
210.6
207.0
45
139.4
278.6
197.1
22.1
16.8
32
42.5
44.2
60
Cascadero_Zn ppm
1,000 to 10,000
500 to 1,000
100 to 500
50 to 100
0 to 50
Cascadero Copper Corp.
Date: 16/11/2005
Author: AMB
Office:
Figure 25
Scale: 1:100000
Projection: UTM Zone 9 (NAD 83)
Cascadero Claims
Assayed Rock Sample
Zn_ppm
0
1
2
4
Kilometers



Cascadero Copper Corp.
Fin Area
Assayed Rock Sample
Zn ppm
Date: 10/11/2005
Author: AMB
Figure: 26
Scale: 1:20000
Projection: UTM Zone 9 (NAD 83)
Cascadero_Zn ppm
1,000 to 10,000
500 to 1,000
100 to 500
50 to 100
0 to 50
0
200
400
800
metres
638000 mE
639000 mE
640000 mE
641000 mE
642000 mE
643000 mE
6346000 mN
6345000 mN
6344000 mN
6343000 mN
N


6350000 mN
620000 mE
630000 mE
640000 mE
6340000 mN
N
Cascadero_ Mo_ppm
1,000 to 2,520
500 to 1,000
100 to 500
50 to 100
0 to 50
Cascadero Copper Corp.
Author: AMB
Office:
Figure: 20
Cascadero Claims
Assayed Rock Sample
Mo ppm
Scale: 1:100000
Projection: UTM Zone 9 (NAD 83)
0
1
2
4
Kilometers



638000 mE
639000 mE
640000 mE
641000 mE
642000 mE
643000 mE
6346000 mN
6345000 mN
6344000 mN
6343000 mN
N
Cascadero_ Mo_ppm
1,000 to 2,520
500 to 1,000
100 to 500
50 to 100
0 to 50
Cascadero Copper Corp.
Fin Area
Assayed Rock Sample
Mo ppm
Date: 18/11/2005
Author: AMB
Office:
Figure: 28
Scale: 1:20000
Projection: UTM Zone 9 (NAD 83)
0
200
400
800
metres

recovered 0.17% Zn and 0.14% Zn respectively. Two samples from 343 Creek recovered 0.14% Zn and 0.41% Zn respectively.

### 6.2.6 Molybdenum Geochemistry

Elevated molybdenum values were recovered in the northern parts of the Fin claims (Figure 28). Sample #63960 recovered 0.25% Mo from a vuggy quartz vein. Sample #63962 described as a silica altered quartz monzonite with pyrite-chalcopyrite-moly recovered 0.10% Mo. Two other samples in this area recovered 0.048% Mo and 0.05% Mo respectively. In 1990 Cominco blasted a pit in the vicinity of these samples and three vertical percussion holes; 90-22, 90-27 and 90-28 were drilled within 100m of the samples.

## 7.0 2005 Diamond Drilling Program

Between June 19 and July 24 2005, a total of 1907.85 metres of helicopter supported BTW diamond drilling was completed by Falcon Drilling of Prince George B.C. in 9 holes testing the Mex and Ryan Creek Cu-Au porphyry potential. Nine holes totalling 1922.47 meters of skid drill supported NTW drilling testing the Mo-Cu-Au porphyry potential was completed on the Fin property. Both the helicopter and skid drills were based out of a 20 person camp on Fin Lake (Pine Camp). Table IV gives the drilling summary; collar location, attitude and hole depths. Figures 29-31 show the plan map location of the holes with Figures 32-48 showing the drillhole cross sections with significant assays and interpreted geology. Diamond drillhole logs are given in Appendix III with full assay sheets in Appendix IV.

Diamond drill core was geologically logged and measured for magnetic susceptibility. The core was sawn or split in half along the long axis of the core. One half of the core from 1.0 or 2.0 meter samples was bagged and identified with a sequential assay tag number. Samples were sealed in shipping bags on the property and shipped by bonded courier to Eco- Tech Labs in Kamloops BC. Core is stored on the property.

## Cascadero Copper Corp.

**Table IV:** 2005 Drilling Program Summary

| Drillhole_ID | Date Started | Date Ended | Fly/Skid | Easting | Northing | Azimuth | Dip | Dip Test | Elevation | EOH/mt. | EOH/ft. | Sample Series From | Sample Series To | Total Samples |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M05-01 | June 19 (D) | June 22 (D) | F | 641159 | 6342181 | 120 | -45 | -47 | 1781 | 145.43 | 477 | G-05201 | G-05273 | 73 |
| M05-02 | June 22 (N) | June 28 (D) | F | 641159 | 6342181 | 300 | -45 | -48 | 1781 | 246.04 | 807 | G-05274 | G-05396 | 123 |
| M05-03A | June 28 (N) | June 29 D) | F | 640898 | 6342443 | 320 | -55 | No test | 1727 | 35.67 | 117 | G-05397 | G-05411 | 15 |
| M05-03B | June 29 (N) | July 3 (D) | F | 640898 | 6342443 | 320 | -55 | -54 | 1727 | 273.20 | 896 | G-05412 | G-05544 | 133 |
| M05-04 | July 3 (N) | July 9 (D) | F | 640919 | 6341961 | 120 | -45 | -84 | 1647 | 289.26 | 949 | G-05545 | G-05666 | 122 |
| R05-01 | July 9 (N) | July 12 (N) | F | 638634 | 6348030 | 36 | -70 | -72 | 1180 | 297.87 | 977 | G-05667 | G-05826 | 160 |
| R05-02 | July 13 (D) | July 16 (D) | F | 638745 | 6347800 | 30 | 60 | -51 | 1139 | 225.00 | 738 | G-05827 | G-05926 | 100 |
| R05-03 | July 16 (N) | July 19 (D) | F | 638878 | 6347936 | 30 | 55 | -59 | 1137 | 167.03 | 548 | G-05927 | G-06008 | 82 |
| R05-04 | July 19 (N) | July 22 (D) | F | 638537 | 6348147 | 30 | 60 | unreadable | 1223 | 228.35 | 749 | G-06009 | G-06121 | 113 |
| **Total F-1000** | | | | | | | | | | **1907.85** | **6258** | | | **921** |
| | | | | | | | | | | | | | | |
| F05-01 | June 22 (N) | June 25 (D) | S | 640493 | 6344378 | 295 | 75 | -75 | 1192 | 158.64 | 520 | G6751 | G6840 | 90 |
| F05-02 | June 25 (N) | June 29 (N) | S | 640600 | 6344519 | 270 | 75 | -74 | 1189 | 289.94 | 952 | G6841 | G7028 | 188 |
| F05-01A | June 30 (D) | July 1 (D) | S | 640493 | 6344378 | 295 | 75 | -76 | 1192 | 72.76 | 238 | G7029 | G7072 | 44 |
| F05-03 | July 1 (N) | July 3 (N) | S | 640443 | 6344312 | 300 | 75 | -77 | 1198 | 187.45 | 614 | G7073 | G7159 | 87 |
| F05-04 | July 4 (D) | July 6 (N) | S | 640352 | 6344242 | 300 | 75 | -76 | 1187 | 215.49 | 706 | G7160 | G7271 | 112 |
| F05-05 | July 7 (N) | July 12 (N) | S | 640295 | 6344705 | 300 | 55 | 56/57 | 1164 | 325.00 | 1066 | G7272 | G7496 | 225 |
| F05-06 | July 13 (D) | July 16 (D) | S | 640295 | 6344705 | 120 | 50 | -51 | 1168 | 209.15 | 686 | G-07497 | G-07632 | 136 |
| F05-07 | July 16 (N) | July 21 (D) | S | 640334 | 6344844 | 300 | 50 | -53 | 1140 | 246.65 | 809 | G-07633 | G-07747 | 115 |
| F05-08 | July 21 (N) | July 24 (N) | S | 640205 | 6344580 | 120 | 50 | -51 | 1174 | 186.59 | 612 | G-07748/G-07800 | G-07851/G-07897 | 99 |
| P05-01 | June 19(D) | June 21(D) | S | 637770 | 6343563 | 270 | 75 | NA | 1080 | 30.8 | 101 | none | | |
| **Total F-2000** | | | | | | | | | | **1922.47** | **6304** | | | **1096** |
| | | | | | | | | | | | | | | |
| **Total mt/ft** | | | | | | | | | | **3830.32** | **12562** | | | **2017** |

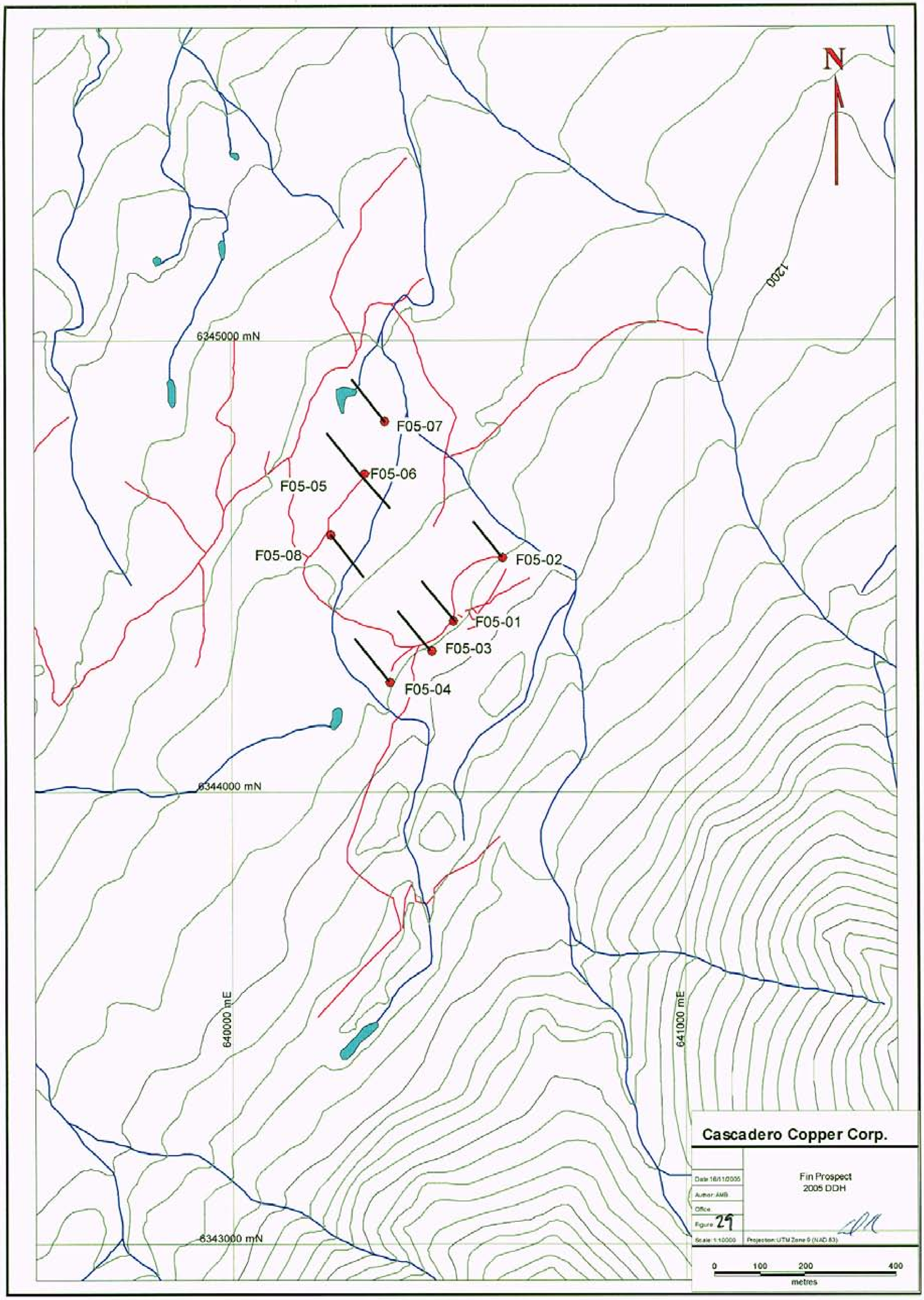
Assaying was conducted by Eco-Tech of Kamloops, BC. All assays rock are 30 gram fire assays with 28 element ICP.

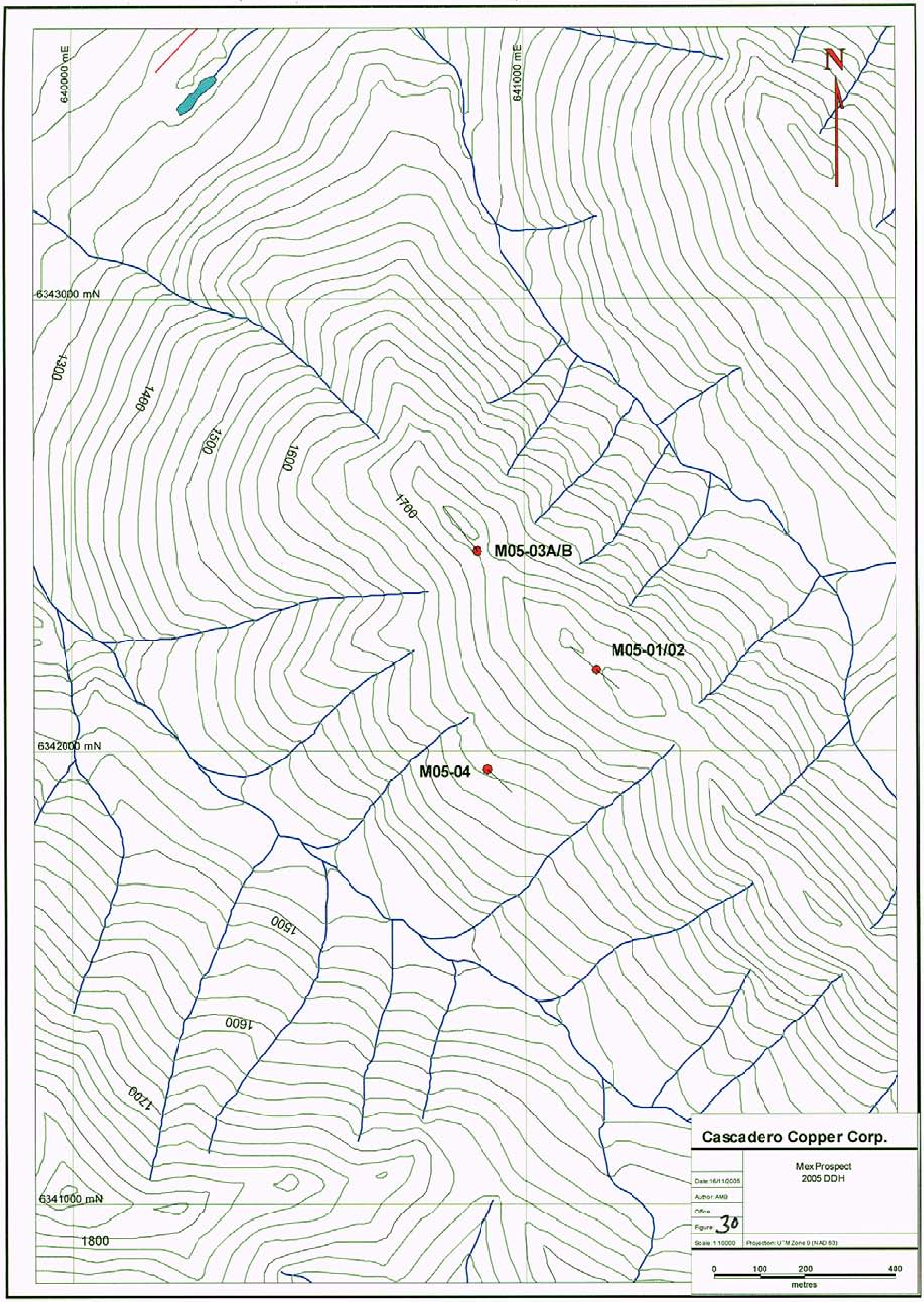
## 7.1 Fin

Cascadero Copper's 2005 exploration program included detailed geological mapping, prospecting and diamond drilling of 1892 m of NTW sized core in 8 drill holes - F05-01 to F05-08 - spaced at roughly 125 m apart on two parallel lines set 350 m apart. The holes were inclined at -50 to-75 degrees to the northwest or southeast to cross-cut the steeply dipping fracture sets mapped on surface. The Cascadero Copper Corp. 2005 drilling was located 400 m to the southeast of the historical Cominco percussion drillholes testing historical copper and molybdenum soil geochemistry and a steep gradient in a historical IP chargeability survey. Newly identified copper and molybdenum mineralization was located at surface in the previously undrilled portion of the extensive IP chargeability anomaly. Figure 29 shows the DDH plan distribution and Figures 32 to 39 show the interpreted geological cross sections. Table V shows the significant assays within the holes and composite assays. Holes F05-02, F05-05, and F05-06 recovered the highest copper and molybdenum values.

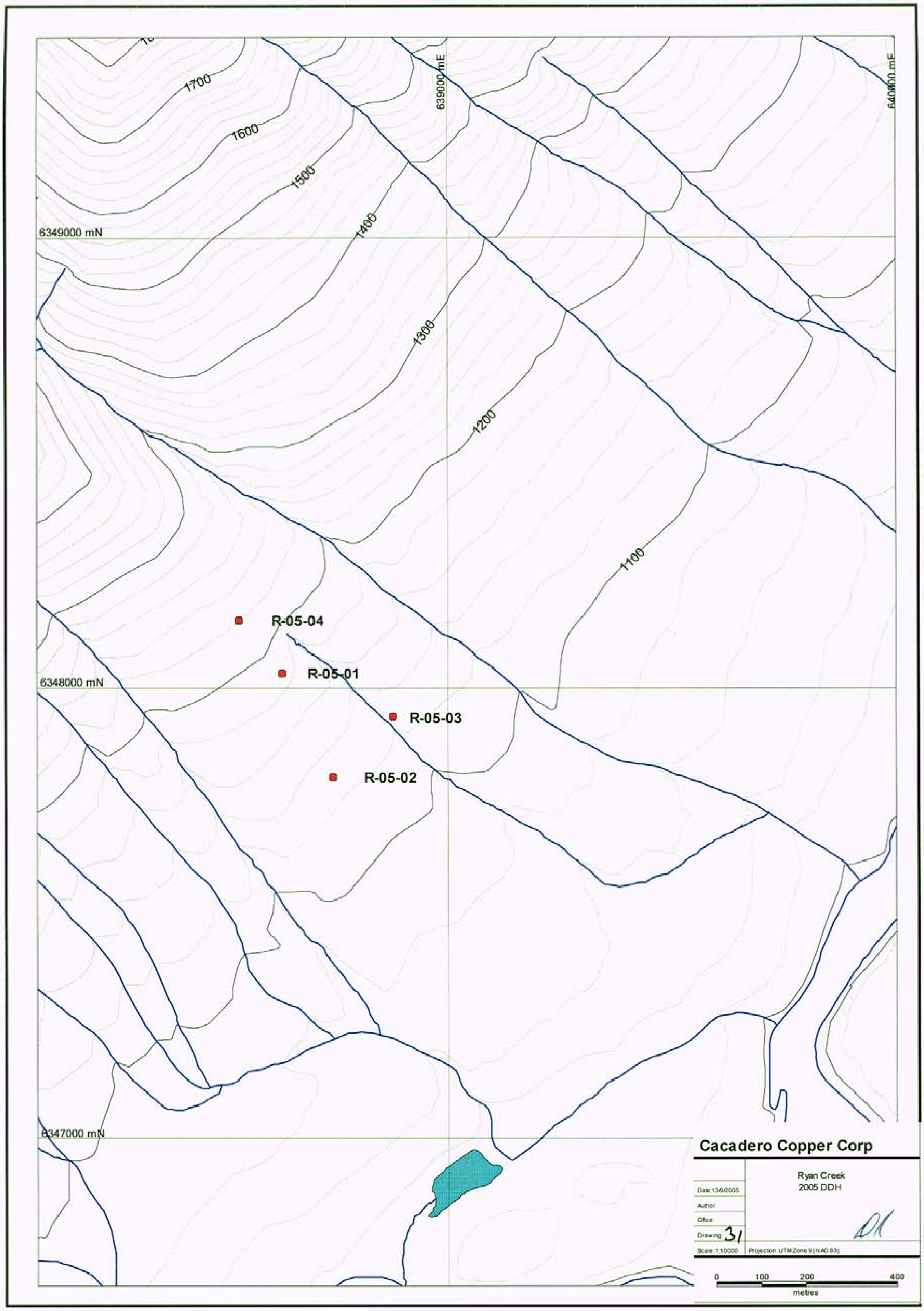
F05-01 (Figure 32) averaged 0.066% Cu over 19m (62m-81m) in a zone of k-spar flooding through an equigranular hornblende-granodiorite host. Interval 127m-130m averaged 0.008% Mo and 0.054% Cu; in a zone of strong propylitic and sericite altered granodiorite. Molybdenite was visible along hairline fractures. This interval had a moderate-high fracture density (>60 fractures/meter). A zone with strong silica flooding and molybdenite disseminations recorded 0.021% Mo and .101% Cu over 3m.

F05-02 (Figure 33) averaged 0.1% Cu over 43m (17m to 60m) of k-spar altered granodiorite with intervals of strong silicification and sericite alteration overprinting the primary textures. There was a moderate to highly fracture density, with the majority of fracture sets at 45° and 90° to the core axis. F05-02 had elevated molybdenum values between 28m and 30m (0.033% Mo) and between 35m and 38m (0.022% Mo). Molybdenite observed as disseminations along hairline fractures with <trace of 1-1.5mm wide quartz-pyrite-moly veinlets.

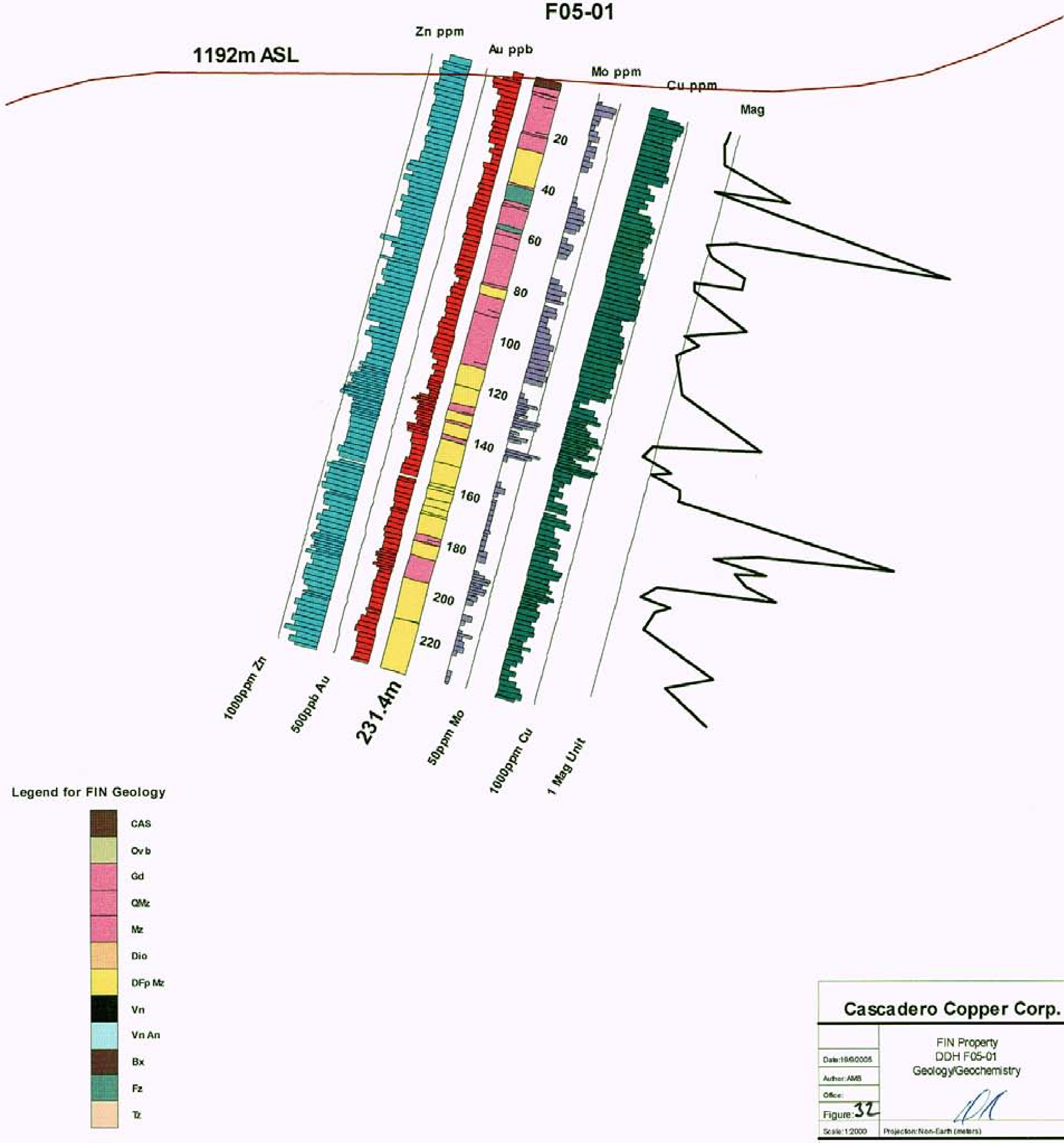

N
1200
6345000 mN
6344000 mN
6343000 mN
640000 mE
641000 mE
F05-07
F05-06
F05-05
F05-08
F05-02
F05-01
F05-03
F05-04
Cascadero Copper Corp.
Fin Prospect
2005 DDH
Date 16/11/2005
Author: AMB
Office:
Figure 29
Scale: 1:10000
Projection: UTM Zone 9 (NAD 83)
0
100
200
400
metres



640000 mE
641000 mE
6343000 mN
6342000 mN
6341000 mN
N
1300
1400
1500
1600
1700
1500
1600
1700
1800
M05-03A/B
M05-01/02
M05-04
Cascadero Copper Corp.
Mex Prospect
2005 DDH
Author: AMB
Office
Figure 30
Scale: 1:10000
Projection: UTM Zone 9 (NAD 83)
0
100
200
400
metres


1700
1600
1500
1400
1300
1200
1100
639000 mE
640000 mE
6349000 mN
6348000 mN
6347000 mN
R-05-04
R-05-01
R-05-03
R-05-02
Cacadero Copper Corp
Ryan Creek
2005 DDH
Date:
Author:
Office:
Drawing: 31
Scale: 1:10000
Projection: UTM Zone 9 (NAD 83)
0
100
200
400
metres

Looking North



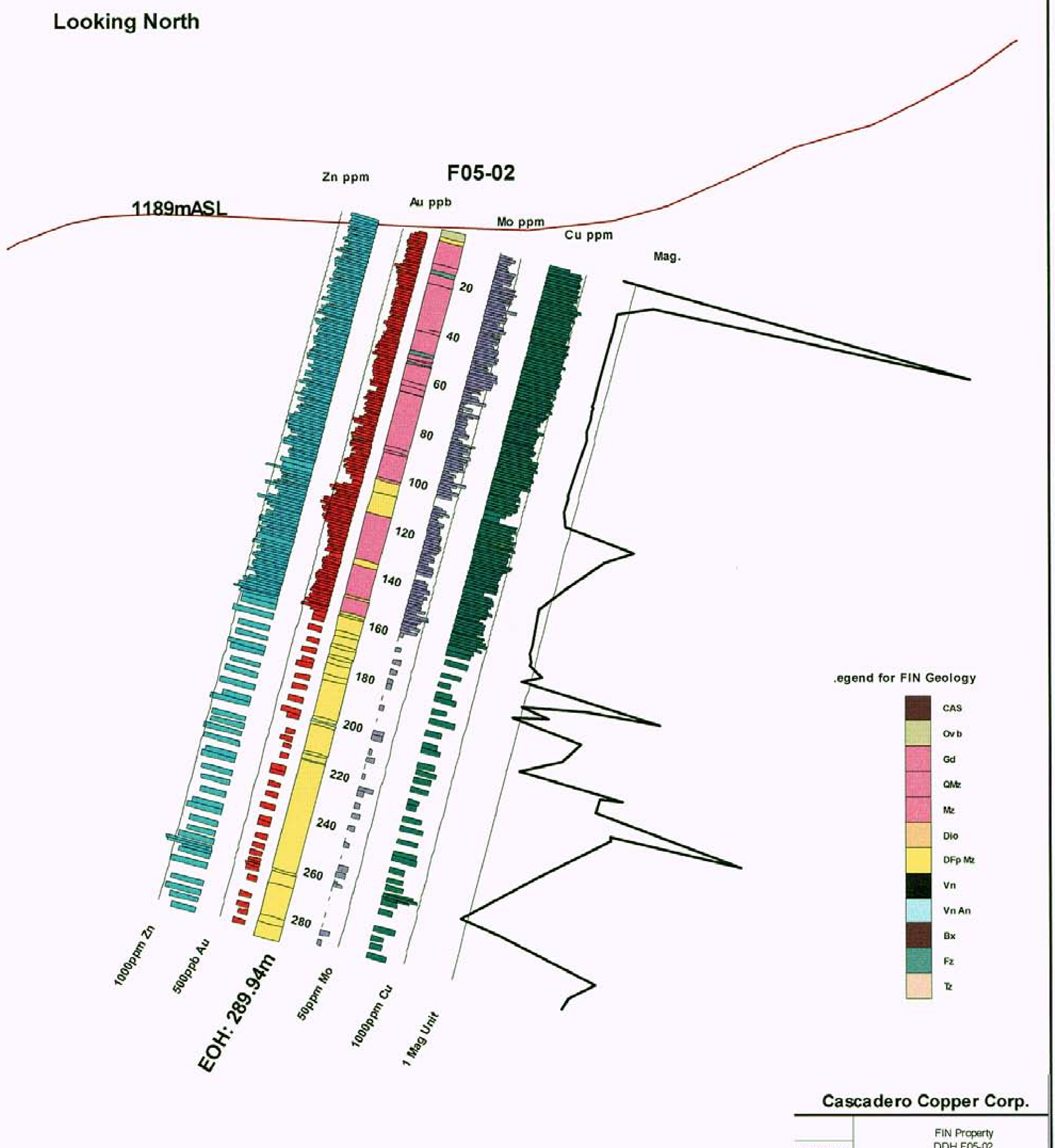

Histogram of Zn, Au, Mo, Cu are log (10) transform values.

**Cascadero Copper Corp.**

FIN Property
DDH F05-01
Geology/Geochemistry

Date:19/9/2005
Author: AMB
Office:
Figure: 32
Scale: 1:2000
Projection: Non-Earth (meters)

0 20 40 80
metres




Histograms for Zn, Au, Mo, Cu are log(10) transform.

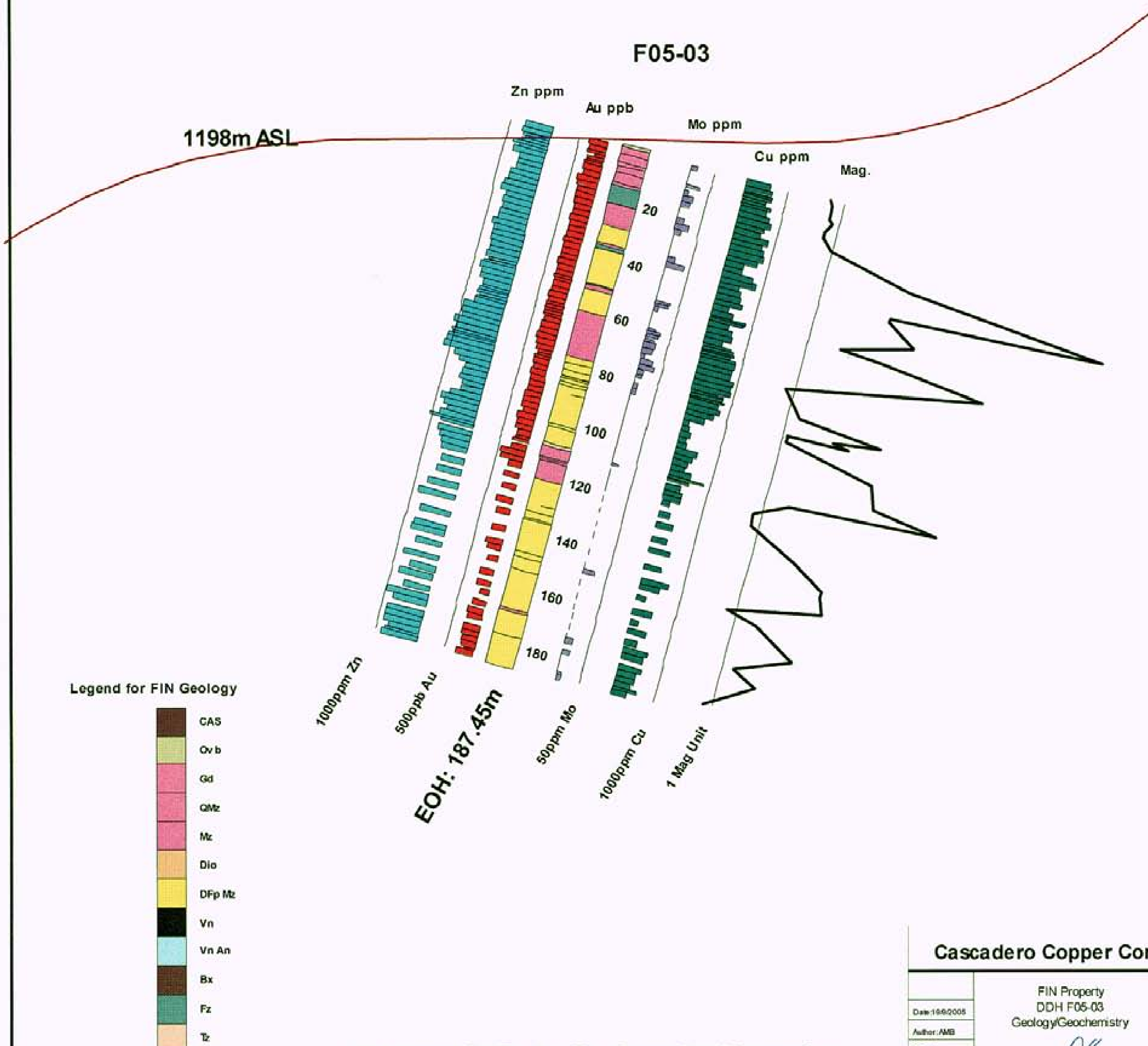
**Cascadero Copper Corp.**

FIN Property
DDH F05-02
Geology/Geochemistry

Date:19/9/2005
Author: AMB
Office:
Figure 33
Scale: 1:2000
Projection: Non-Earth (meters)

0 20 40 80
metres

Looking North



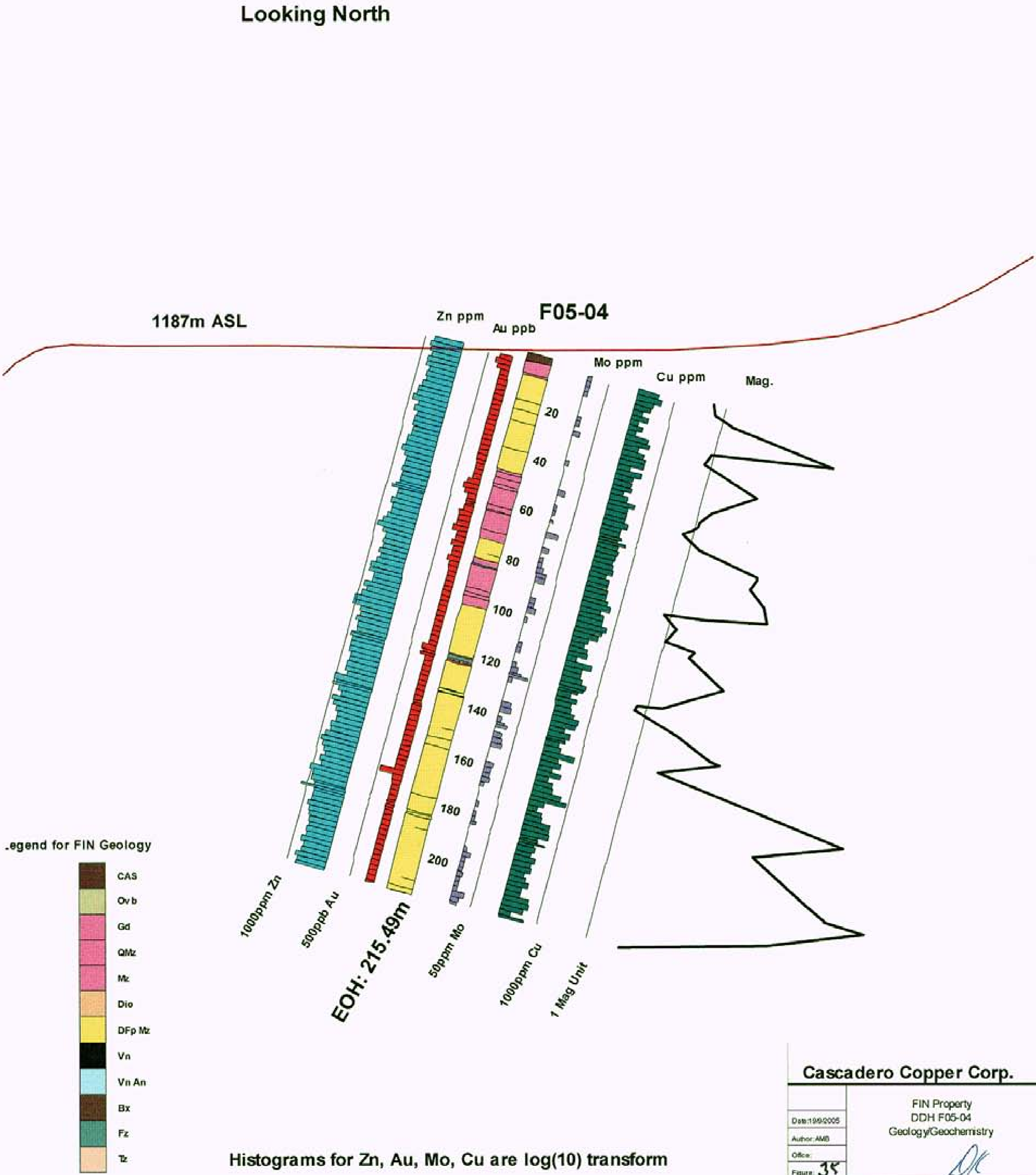

Histograms for Zn, Au, Mo, Cu are log(10) transform.

**Cascadero Copper Corp.**

FIN Property
DDH F05-03
Geology/Geochemistry

Date: 19/9/2005
Author: AMB
Office:
Figure: 34
Scale: 1:2000
Projection: Non-Earth (meters)

0 20 40 80
metres



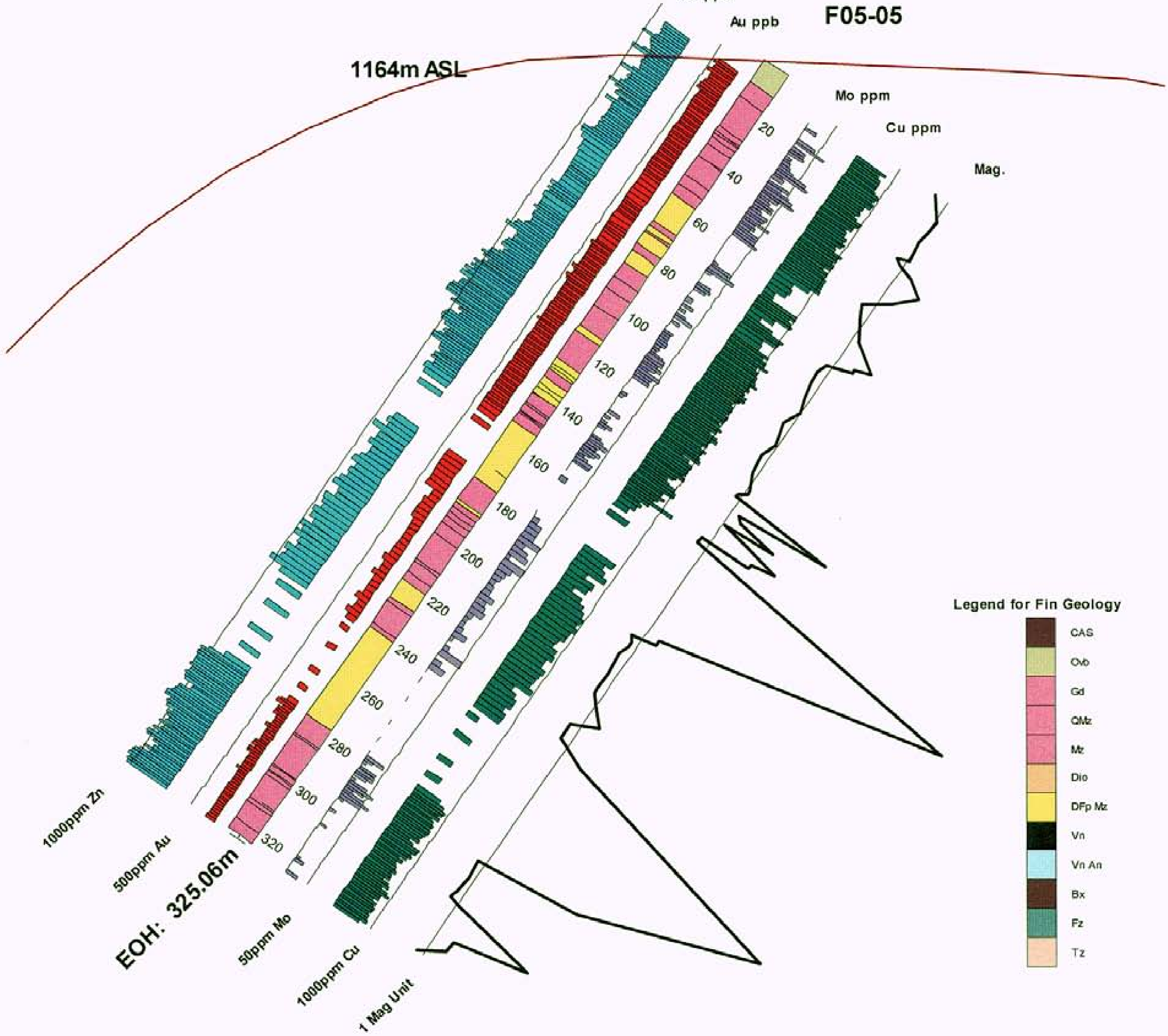

**Cascadero Copper Corp.**

FIN Property
DDH F05-04
Geology/Geochemistry

Date:19/9/2005
Author: AMB
Office:
Figure: 35
Scale: 1:2000
Projection: Non-Earth (meters)

0 20 40 80
metres

**Looking North**



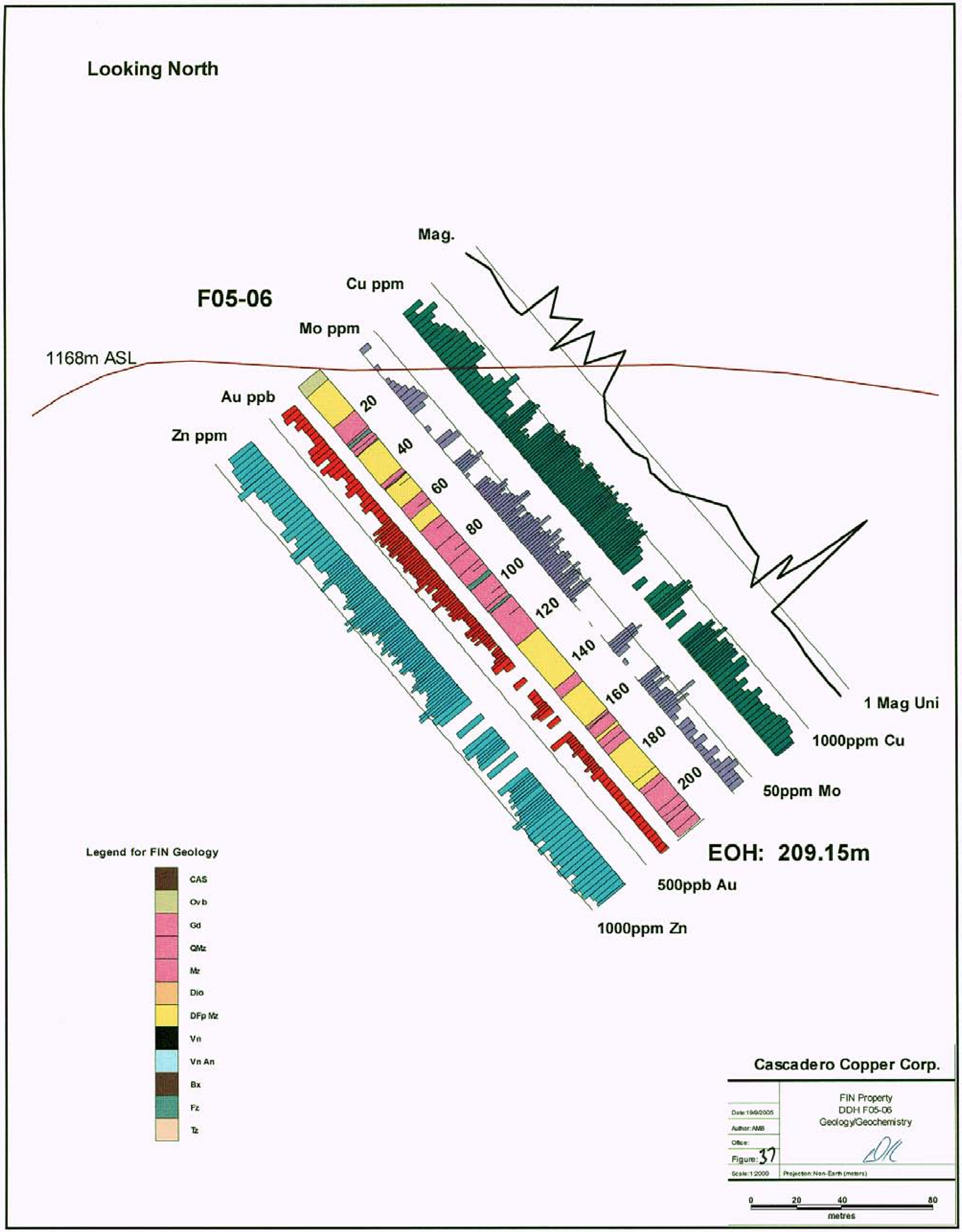

Histograms for Zn, Au, Mo, Cu are log(10) transform

**Cascadero Copper Corp.**

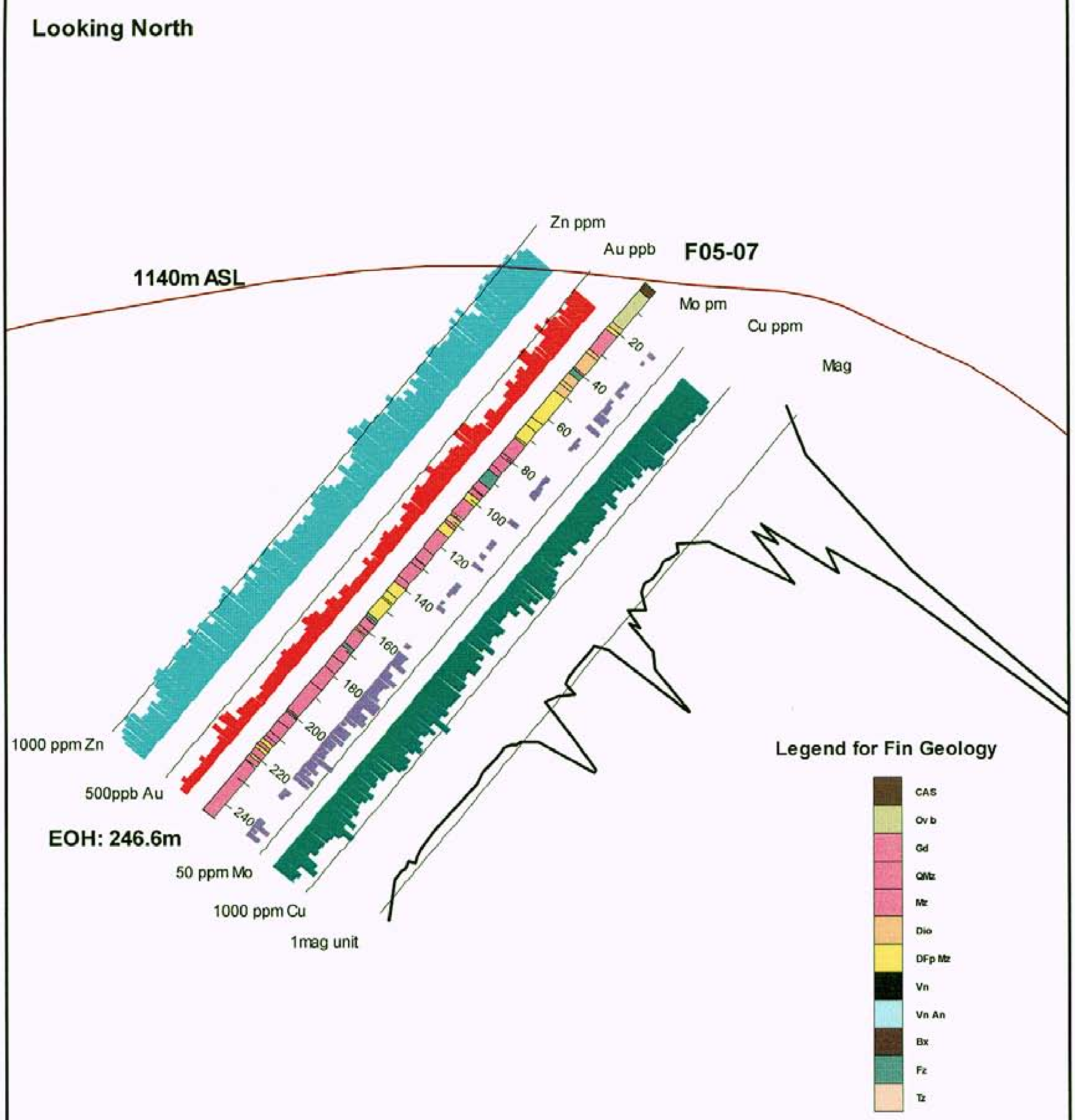
FIN Property
DDH F05-05
Geology/Geochemistry

Date:19/9/2005
Author:AMB
Office:
Figure: 36
Scale:1:2000
Projection:Non-Earth (meters)

0 20 40 80
metres



Looking North
Mag.
Cu ppm
F05-06
Mo ppm
1168m ASL
Au ppb
Zn ppm
20
40
60
80
100
120
140
160
180
200
1 Mag Uni
1000ppm Cu
50ppm Mo
EOH: 209.15m
500ppb Au
1000ppm Zn
Legend for FIN Geology
CAS
Ovb
Gd
QMz
Mz
Dio
DFp Mz
Vn
Vn An
Bx
Fz
Tz
Cascadero Copper Corp.
FIN Property
DDH F05-06
Geology/Geochemistry
Author:AMB
Office:
Figure: 37
Scale:1:2000
Projection: Non-Earth (meters)
0
20
40
80
metres




Histograms for Zn, Au, Cu, Mo values are log (10) transform

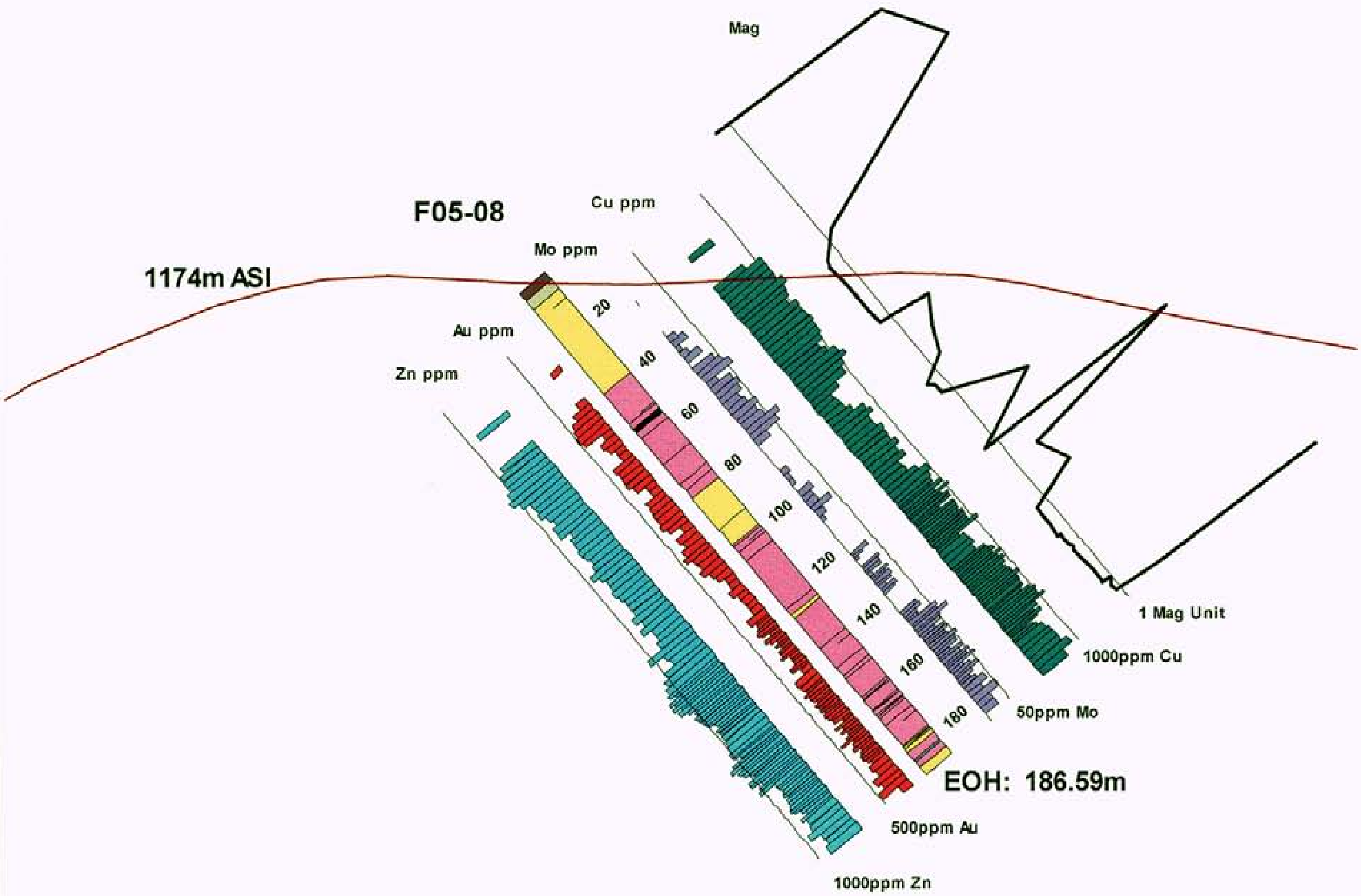
**Cascadero Copper Corp.**

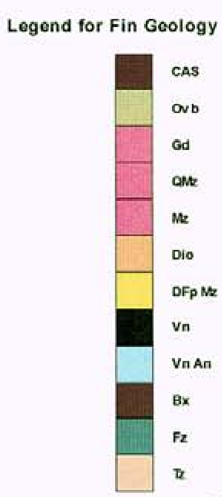
FIN Property
DDH F05-07
Geology/Geochemistry

Date: 18/6/2005
Author: AMB
Office:
Figure: 30
Scale: 1:2000
Projection Non-Earth (meters)

0 20 40 80
metres

# Looking North




Histograms for Zn, Au, Mo, Cu are log(10) transform

Cascadero Copper Corp.

FIN Property
DDH F05-08
Geology/Geochemistry

Date:18/6/2005
Author: AMB
Office:
Figures: 35
Scale: 1:2000
Projection: Non-Earth (meters)

0 20 40 80
metres

# CASCADERO COPPER CORP.

Table V: Fin, Mex, Ryan Creek Notable Assay Values.

| Drill Hole | From m | To m | interval (m) | Mo ppm | Cu ppm | Zn ppm | Ag ppm | Au ppb |
|---|---|---|---|---|---|---|---|---|
| FIN | | | | | | | | |
| F05-01 | 62 | 81 | 19 | | 666 | | | |
| | 127 | 130 | 3 | 82 | 535 | | | |
| | 139 | 142 | 3 | 212 | 1011 | | | |
| | | | | | | | | |
| F05-02 | 17 | 60 | 43 | | 1109 | | | |
| | 32 | 51 | 19 | | 1222 | | | |
| | 51 | 57 | 6 | 156 | 1030 | | | |
| | 80 | 92 | 12 | | 1160 | | | |
| | 107 | 119 | 12 | | 758 | | | |
| | | | | | | | | |
| F05-03 | 64 | 86 | 22 | | 297 | | | |
| | | | | | | | | |
| F05-04 | No sig assays | | | | | | | |
| | | | | | | | | |
| F05-05 | 9 | 149 | 140 | | 981 | | | |
| | 28 | 30 | 2 | 327 | 971 | | | |
| | 35 | 38 | 3 | 220 | 551 | | | |
| | 41 | 56 | 15 | | 1224 | | | |
| | 67 | 103 | 38 | | 1230 | | | |
| | 109 | 136 | 27 | | 1364 | | | |
| | 141 | 149 | 8 | | 1468 | | | |
| | | | | | | | | |
| F05-06 | 57 | 60 | 3 | 49 | 1222 | | | |
| | 68 | 83 | 15 | 105 | 1400 | 725 | | |
| | 87 | 103 | 16 | 137 | 1736 | | | |
| | 103 | 119 | 16 | 61 | 1415 | | | |
| | 140 | 144 | 4 | 262 | 1402 | | | |
| | 169 | 172 | 3 | 374 | 387 | | | |
| | | | | | | | | |
| F05-07 | 18 | 56 | 38 | | 375 | 1359 | | |
| | 56 | 112 | 56 | | 190 | 1697 | | |
| | 168 | 222 | 54 | | 381 | 1288 | | |
| | | | | | | | | |
| F05-08 | 38 | 48 | 10 | | 2135 | | | 66 |
| | 38 | 78 | 40 | 42 | 1711 | | | 30 |
| | 122 | 138 | 16 | | 657 | 2551 | | |
| | 149 | 152 | 3 | 158 | 783 | | | |

# CASCADERO COPPER CORP.

Table V: Fin, Mex, Ryan Creek Notable Assay Values.

| Drill Hole | From m | To m | interval (m) | Mo ppm | Cu ppm | Zn ppm | Ag ppm | Au ppb |
|---|---|---|---|---|---|---|---|---|
| **MEX** | | | | | | | | |
| MX05-01 | 30 | 38 | 8 | | 1021 | | | 906 |
| | 30 | 48 | 18 | | 701 | | | 921 |
| | 62 | 94 | 32 | | 1800 | | | 366 |
| | 138 | 145.4 eoh | 7.4 | | 479 | | | 1745 |
| | | | | | | | | |
| MX05-02 | 0 | 4 | 4 | | 334 | | | 208 |
| | 230 | 246.1eoh | 16.1 | | 109 | 1800 | | 162 |
| | 240 | 246.1eoh | 6.1 | | 191 | | | 213 |
| | | | | | | | | |
| MX05-3A | 5.2 | 22 | 16.8 | | | | | 242 |
| | | | | | | | | |
| MX05-3B | 8 | 38 | 30 | | | | | 220 |
| | 14 | 22 | 8 | | | | | 553 |
| | | | | | | | | |
| MX05-04 | 158 | 176 | 18 | | | 636 | | 129 |
| **RYAN CREEK** | | | | | | | | |
| RC-05-1 | 30 | 36 | 6 | | 813 | 7786 | 5 | 199 |
| | 43 | 62 | 19 | | 321 | 7812 | 2 | |
| | 90 | 92 | 2 | | 1054 | 16700 | 20.3 | 440 |
| | 26 | 108 | 82 | | | 6570 | | |
| | 114 | 126 | 14 | | | 96 | 3 | 53 |
| | 114 | 144 | 30 | 138 | 1446 | 664 | | |
| | 168 | 182 | 14 | | 976 | 517 | 2 | |
| | 206 | 208 | 2 | | 2330 | 3090 | 5.2 | 275 |
| | | | | | | | | |
| RC-05-02 | 36 | 42 | 6 | | | 5931 | 2 | 57 |
| | 80 | 88 | 8 | | 225 | 3180 | 2 | 70 |
| | 148 | 154 | 6 | | | 960 | 3 | 1353 |
| | | | | | | | | |
| RC-05-03 | 104 | 124 | 20 | | 479 | 1156 | | |
| | | | | | | | | |
| RC-05-04 | 34 | 52 | 18 | | 279 | 4879 | 3 | 349 |
| | 48 | 50 | 2 | | 31 | 15300 | 18.3 | 2990 |
| | 52 | 86 | 34 | | | 6714 | 1 | |
| | 86 | 228.4 | 144.4 | | | 1288 | | |
| | 31 | 228.4 | 197.4 | | | 2420 | | |

Holes F05-03 and F05-04 (Figures 34 & 35) had no significant copper or molybdenum values.

F05-05 and F05-06 were drilled from the same collar but in opposite directions (Figure 36 & 37) and both encountered significant copper and molybdenum values. F05-05 averaged 0.098% Cu over 140m with >0.12% Cu in intervals 41m-56m, 67-103m 109-136m and 141-149m. Mineralization over the 140m from 9m to 149m occurred in the granodiorite-quartz monzonite host rock with a moderate to high fracture density (55 fractures/meter). Mineralization occurs as pyrite and chalcopyrite disseminations, as fracture fillings veinlets, and as aggregates. Molybdenite occurs as disseminations, as aggregates and in quartz vein selvages. Sericite, k-spar, and epidote alteration occur throughout the host rock. Elevated molybdenum values occur at interval 28m to 30m (0.033% Mo) and at 35m to 38m (0.022% Mo). Molybdenite in these intervals was from disseminations along fractures at 0° to 50° to the core axis and quartz-pyrite-moly veins and veinlets parallel to the core axis. Seven feldspar-porphyry-dykes cut the host rock ranging from 1.5m to 14m wide. These post mineralization dykes carry no mineralization. Geology and alteration of mineralization in F05-06 was identical to F05-05. Hole F05-06 averaged >0.12% Cu on intervals 57m-60m, 68m-83m, 87m-103m, 103m-119m and 140m-144m. Molybdenum values over intervals 68m-83m, 87m-103m and 140m-144m averaged >0.01% Mo.

DDH F05-07 (Figure 38) located 120m northeast of holes F05-05 and F05-06 intersected a hornblende-phyric medium-grained diorite at 18.15m to 50.55m which averaged 0.037% Cu and 0.136% Zn. The diorite exhibits moderate patchy propylitic alteration with epidote-pyrite veinlets with trace molybdenite-sphalerite veinlets along epidote salvages. Below the diorite was a 22m wide pre-mineralization monzonite feldspar-porphyry dyke and below the dyke was the host monzonite rock. Copper and zinc values for the porphyry dyke and the monzonite host rock from 56m to 112m averaged 0.019% Cu and 0.170% Zn over 56m. The hornblende monzonite/quartz-monzonite host recovered 0.038% Cu and 0.129% Zn over 54m from 168m to 222m. Elevated sphalerite as veinlets salvages and disseminations in F05-07 suggest that this hole may be near the periphery of the porphyry deposit.

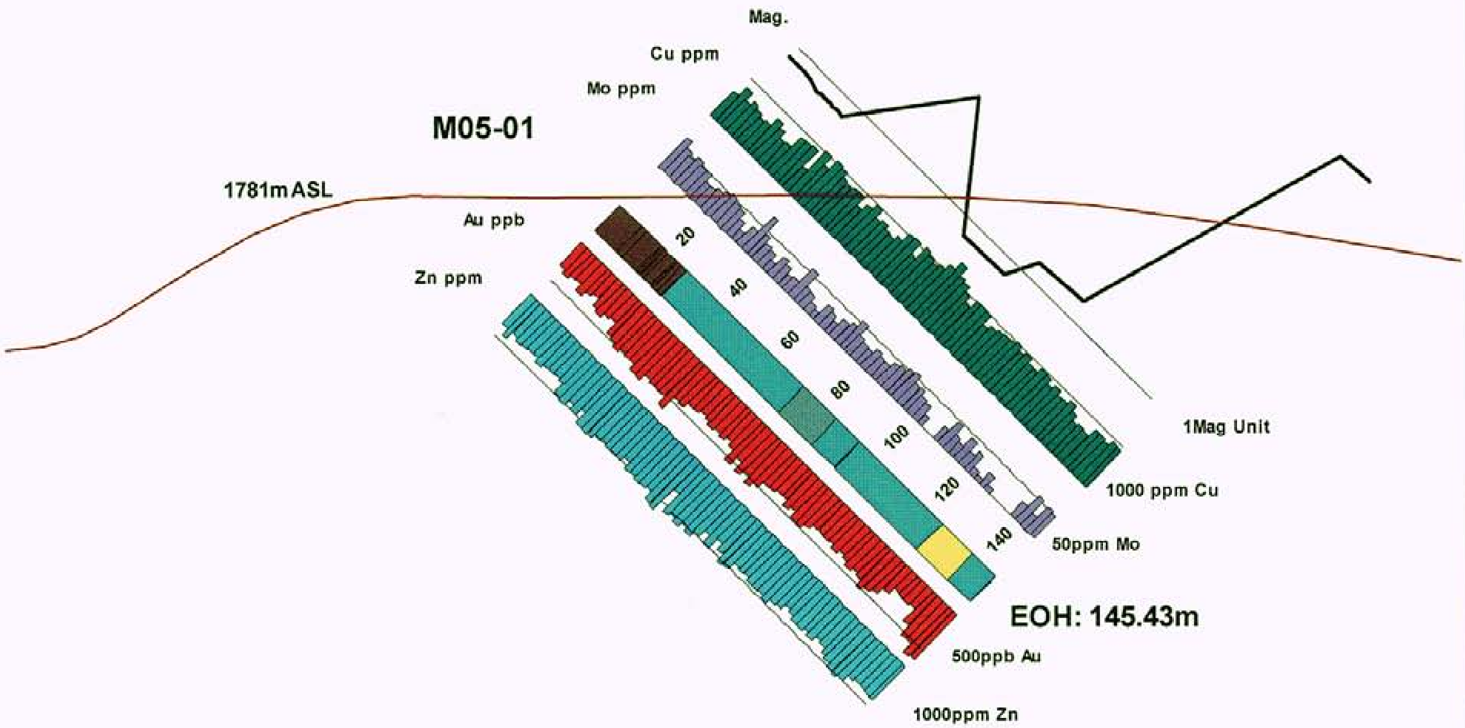
F05-08 (Figure 39) recovered 0.21% Cu over 10m from 38m to 48m or 0.17% Cu over 40m from 38m to 78m. The geology of this interval was described as an equigranular hornblende monzonite with patchy to pervasive silica alteration and zones of pervasive chlorite+epidote alteration, with two distinct vein sets. The first vein set at 60°-70° is a sheeted quartz vein set (6-8veins/meter) with pyrite-chalcopyrite-sphalerite and trace molybdenite. The second vein set includes epidote-quartz with chlorite and k-feldspar along the salvages. The second vein set cuts earlier pervasive propylitic alteration, which is cut by silicification associated with the first vein set.

Magnetic values appear to have an inverse relation with copper and molybdenum, shown in figures 32-39. This in part is explained by the strong sericite, k-spar, epidote, chlorite and silica alteration of the mineralized host rock, destroying the majority of mafic minerals and resulting in low magnetic values. Post mineral dykes, however, have fine-coarse grained magnetite and are void of copper and molybdenite. DDH F05-07 shows high magnetic values where zinc values are elevated, but there is not enough data to conclusively state that there is always a relationship between zinc and magnetite on the Fin target.

## 7.2 Mex

No previous diamond drilling had been completed on the large gossanous Mex prospect. Cascadero Coppers 2005 field season included geological mapping and a 990m diamond drill program completing 4 holes and testing a 700 by 300 m portion of the claims along Mex Ridge. The holes were inclined at -45 to -55 degrees to the northwest or southeast. Figure 30 shows the DDH plan distribution and Figures 40 to 44 show the interpreted geological cross sections. Table V shows the significant assays within the holes and composite assays.

Looking North




**Legend for Mex Geology**

- CAS
- Ovb
- Mz
- DFp Mz
- Bx
- Fxt
- Fz
- Tz

**Histograms for Zn, Au, Mo, Cu are log(10) transform**

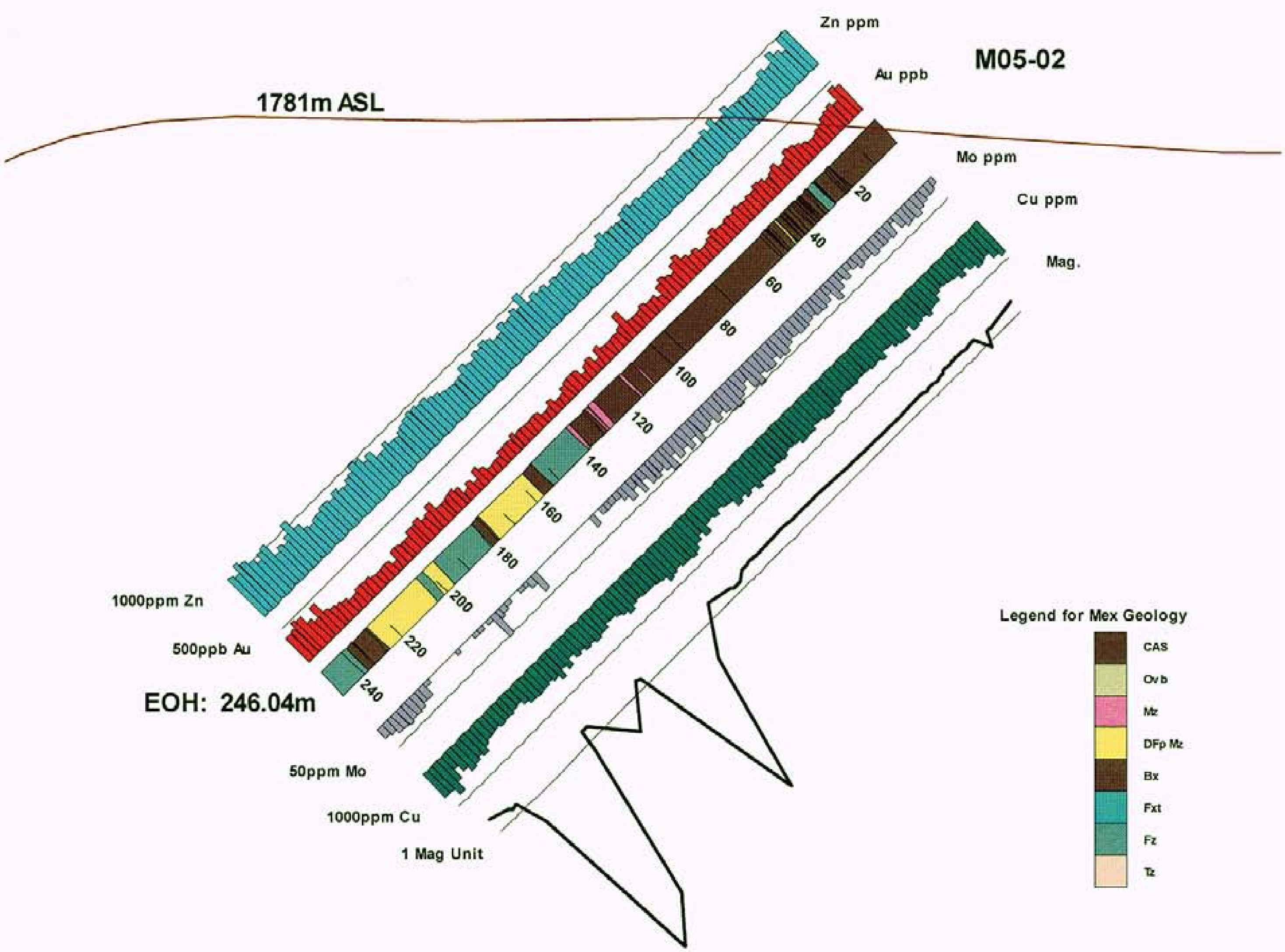
**Cascadero Copper Corp.**

Mex Property
DDH M05-01
Geology/Geochemistry

Date: 20/9/2005
Author: AMB
Office:
Figure: 46
Scale: 1:2000
Projection: Non-Earth (meters)

0 20 40 80
metres

## Looking North

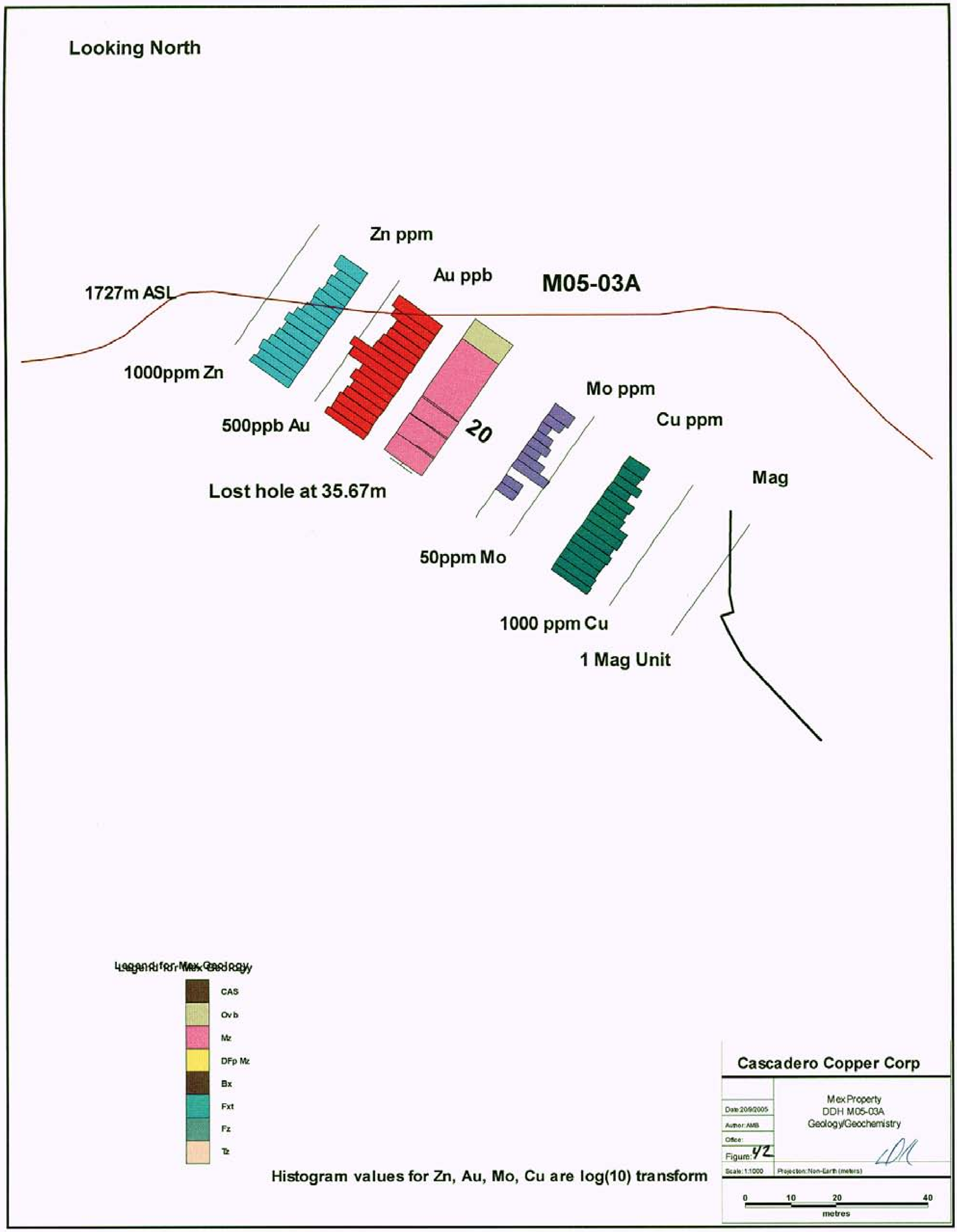



Histograms values for Zn, Au, Mo, Cu are log(10) transform

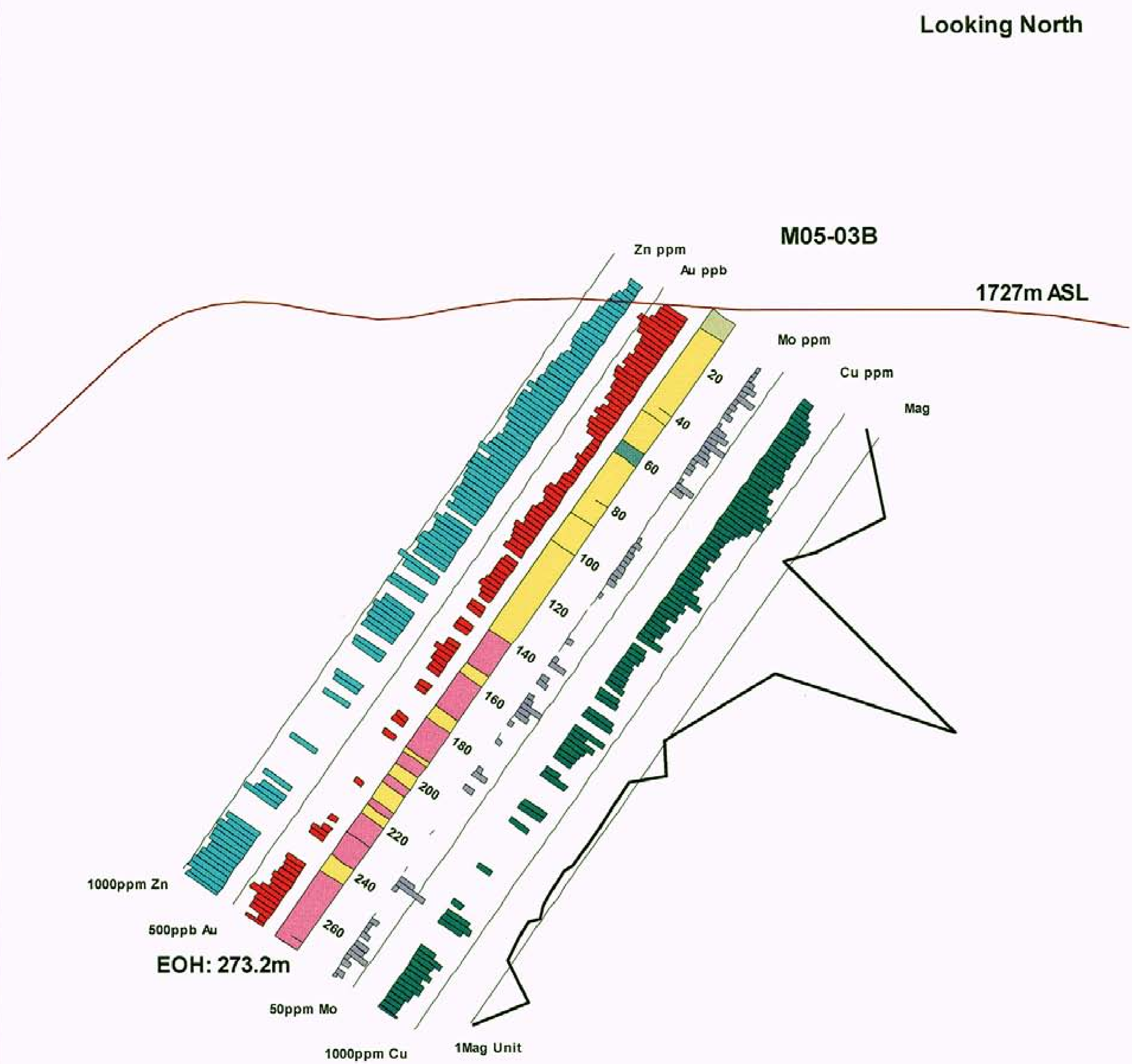
**Cascadero Copper Corp.**

| | |
|---|---|
| Date 20/9/2005 | Mex Property<br>DDH M05-02<br>Geology/Geochemistry |
| Author: AMB | |
| Office: | |
| Figure: 4/1 | |
| Scale: 1:2000 | Projection: Non-Earth (meters) |

0 20 40 80
metres



Looking North
Zn ppm
Au ppb
M05-03A
1727m ASL
1000ppm Zn
500ppb Au
20
Lost hole at 35.67m
Mo ppm
Cu ppm
Mag
50ppm Mo
1000 ppm Cu
1 Mag Unit
Legend for Mex Geology
CAS
Ovb
Mz
DFp Mz
Bx
Fxt
Fz
Tz
Histogram values for Zn, Au, Mo, Cu are log(10) transform
Cascadero Copper Corp
Date:20/9/2005
Author:AMB
Office:
Figure: 42
Scale: 1:1000
Mex Property
DDH M05-03A
Geology/Geochemistry
Projection:Non-Earth (meters)
0
10
20
40
metres




**Legend for Mex Geology**

- CAS
- Ovb
- Mz
- DFp Mz
- Bx
- Fxt
- Fz
- Tz

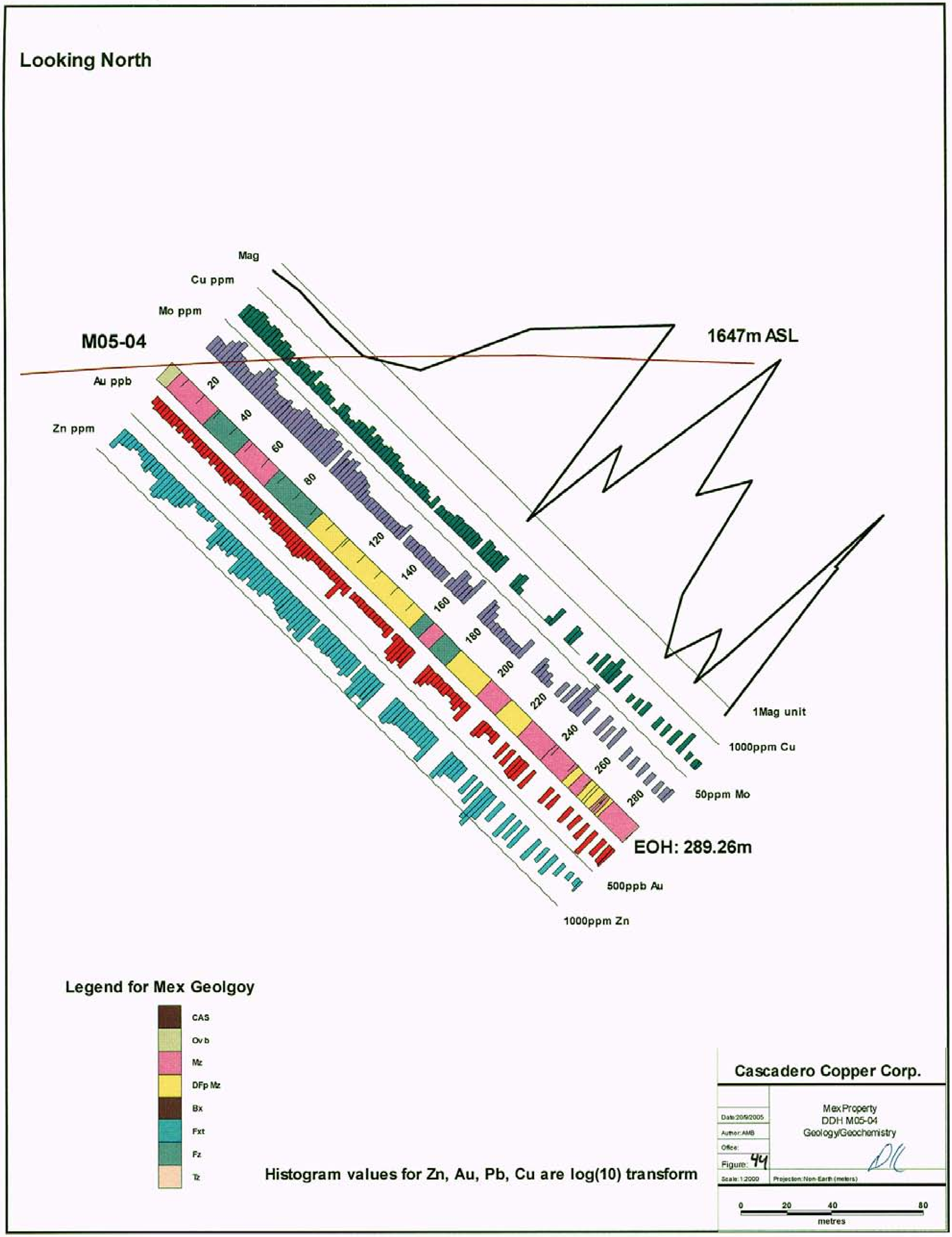
Histogram values for Zn, Au, Mo, Cu are log(10) transform

**Cascadero Copper Corp.**

Mex Property
DDH M05-03B
Geology/Geochemistry

Date: 19/9/2005
Author: AMB
Office:
Figure: 43
Scale: 1:2000
Projection: Non-Earth (meters)

0 20 40 80
metres


Looking North
Mag
Cu ppm
Mo ppm
M05-04
1647m ASL
Au ppb
Zn ppm
20
40
60
80
120
140
160
180
200
220
240
260
280
1Mag unit
1000ppm Cu
50ppm Mo
EOH: 289.26m
500ppb Au
1000ppm Zn
Legend for Mex Geolgoy
CAS
Ov b
Mz
DFp Mz
Bx
Fxt
Fz
Tz
Histogram values for Zn, Au, Pb, Cu are log(10) transform
Cascadero Copper Corp.
Mex Property
DDH M05-04
Geology/Geochemistry
Date:20/9/2005
Author: AMB
Office:
Figure: 44
Scale: 1:2000
Projection: Non-Earth (meters)
0
20
40
80
metres

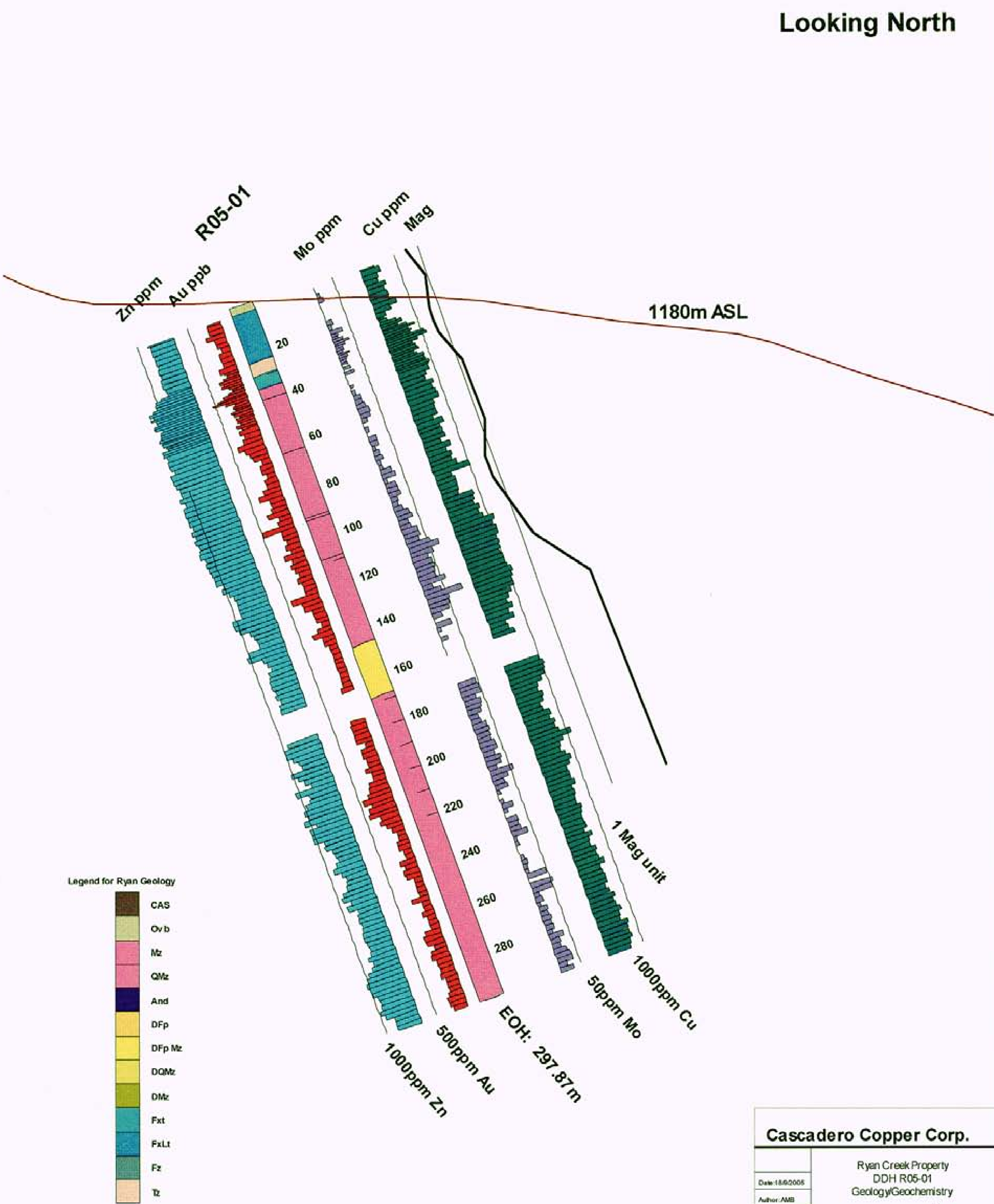
Drilling intersected polylithic intrusive breccias above the main monzonite bodies which are cut by sin to post mineral porphyritic monzonite dykes. Weathering and surface oxidation occurs to 150 m depth leaving copper values of up to 0.18% copper over 32 meters (Figure 40). Acid leaching of copper sulphides has deposited coatings of secondary copper as copper wad, possibly neotocite on fracture surfaces deeper in the system. The upper heterolithic breccias carry up to 0.921 g/tn Au over 18.0m as in MX05-01 from 30-48 m. At the end of Hole MX05-01 which was terminated due to bad drilling conditions, potassic alteration increases and from 138 meters to 145.4 metres (EOH) the gold values are 1.74g/tn over 7.4 meters with a high of 2.75g/tn Au over 3.4 m. Highly argillic altered quartz monzonite in MX05-03B returned up to 0.55g/tn Au over 8.0 m.

Based on the data from the drillholes, Mex copper values appear to occur where magnetic values are low however; gold values are elevated when magnetic values are high.

### 7.3 Ryan Creek

Prospecting in 2003 discovered mineralized outcrop in the Ryan Creek. Stealth Minerals conducted soil geochemistry and geophysics over the whole area, which established a mineralized area 1,000 meters north-south and 4,000 meters east-west essentially connecting the Pine North and Ryan Creek mineralized zones. Geophysics also identified two areas within this large-scale zone with high values which were the initial locations for drilling in 2005. DDH RC05-01 to RC05-04 are located 200-350m southwest of the Ryan Creek (Figure 31). All four holes were drilled between 030° and 036° towards the known mineralization in Ryan Creek.

Holes RC05-01 and RC05-04 intersected a feldspar crystal lithic tuff from surface to 35m and 53m respectively. Below the feldspar crystal lithic tuff was monzonite porphyry with high fracture density (100fractures/m). RC05-02 and RC05-03 intersected monzonite porphyry from surface to end of hole. Figures 45-48 show geological cross sections and interpreted geology. Zinc values in all four holes were elevated ranging from 1.67% Zn over 2m (RC05-01 from 90m to 92m) to 0.24% Zn over 197.4m (from 31m to 228.4m



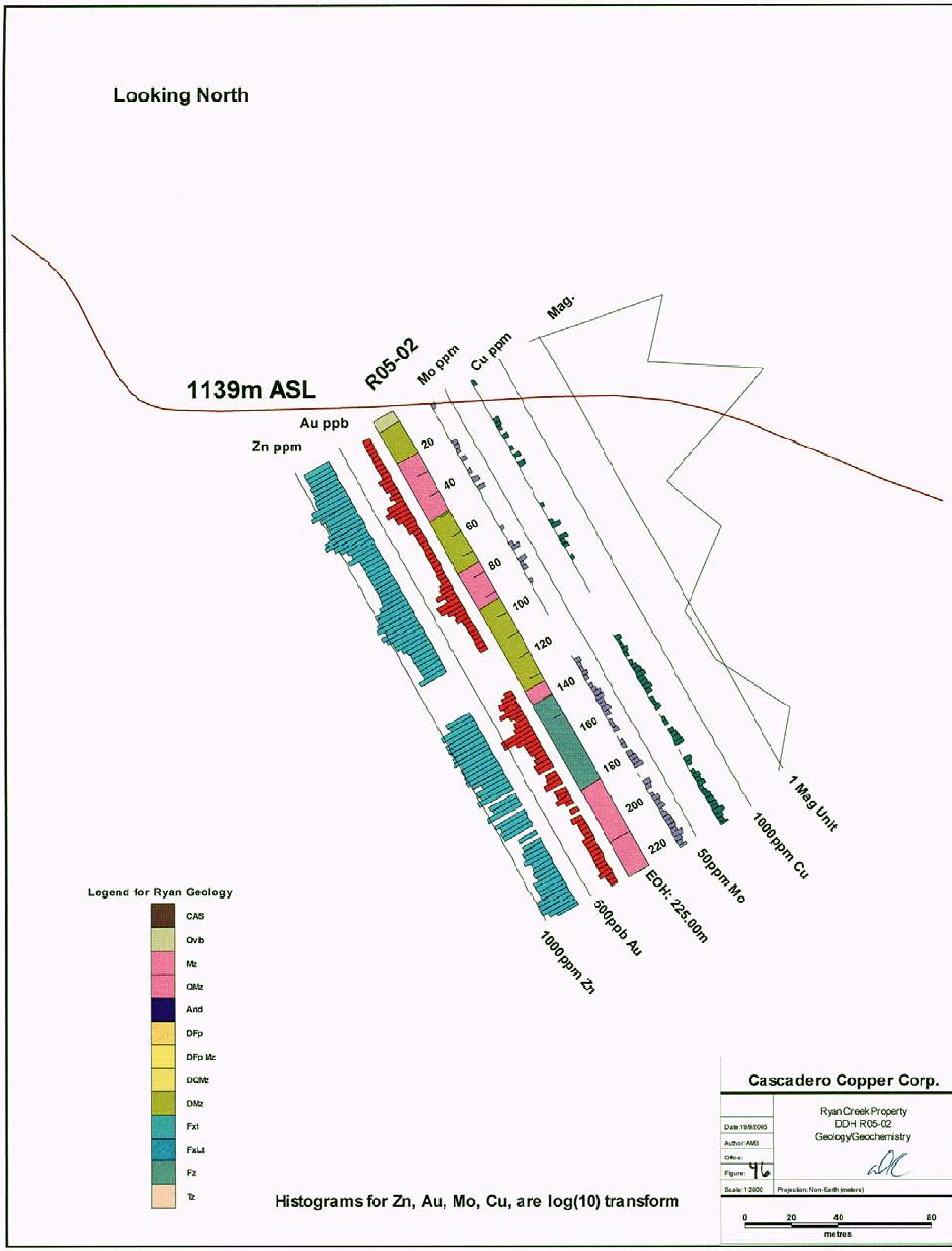

Histograms for Zn, Au, Mo, Cu are log(10) transform

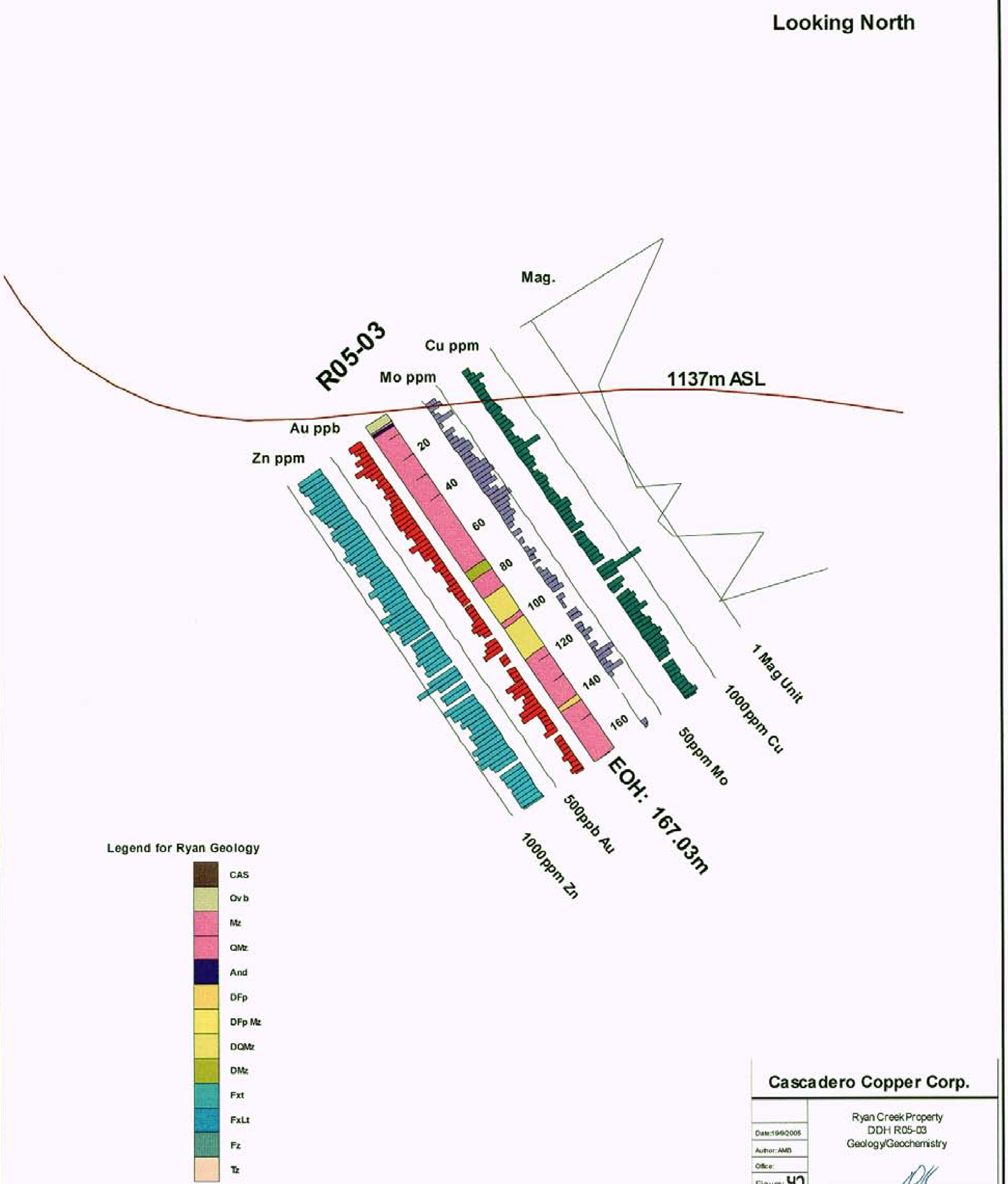
**Cascadero Copper Corp.**

Ryan Creek Property
DDH R05-01
Geology/Geochemistry

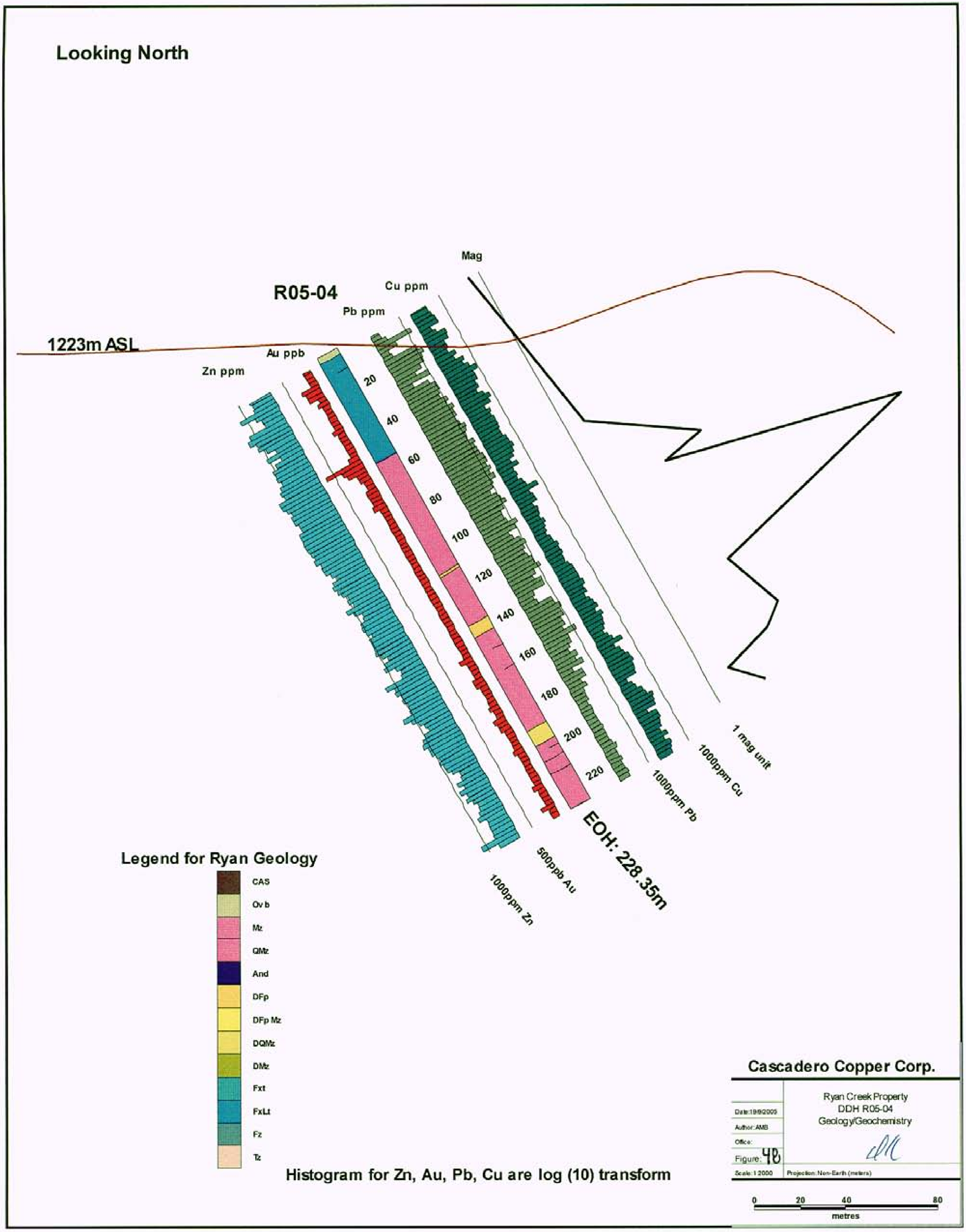
| | |
|---|---|
| Date: 18/9/2005 | |
| Author: AMB | |
| Office: | |
| Figure: 45 | |
| Scale: 1:2000 | Projection: Non-Earth (meters) |

0 20 40 80
metres


Looking North
1139m ASL
R05-02
Mo ppm
Cu ppm
Mag.
Au ppb
Zn ppm
20
40
60
80
100
120
140
160
180
200
220
EOH: 225.00m
50ppm Mo
1000ppm Cu
1 Mag Unit
500ppb Au
1000ppm Zn
Legend for Ryan Geology
CAS
Ov b
Mz
QMz
And
DFp
DFp Mz
DQMz
DMz
Fxt
FxLt
Fz
Tz
Histograms for Zn, Au, Mo, Cu, are log(10) transform
Cascadero Copper Corp.
Ryan Creek Property
DDH R05-02
Geology/Geochemistry
Author: AMB
Office:
Figure: 46
Scale: 1:2000
Projection: Non-Earth (meters)
0
20
40
80
metres



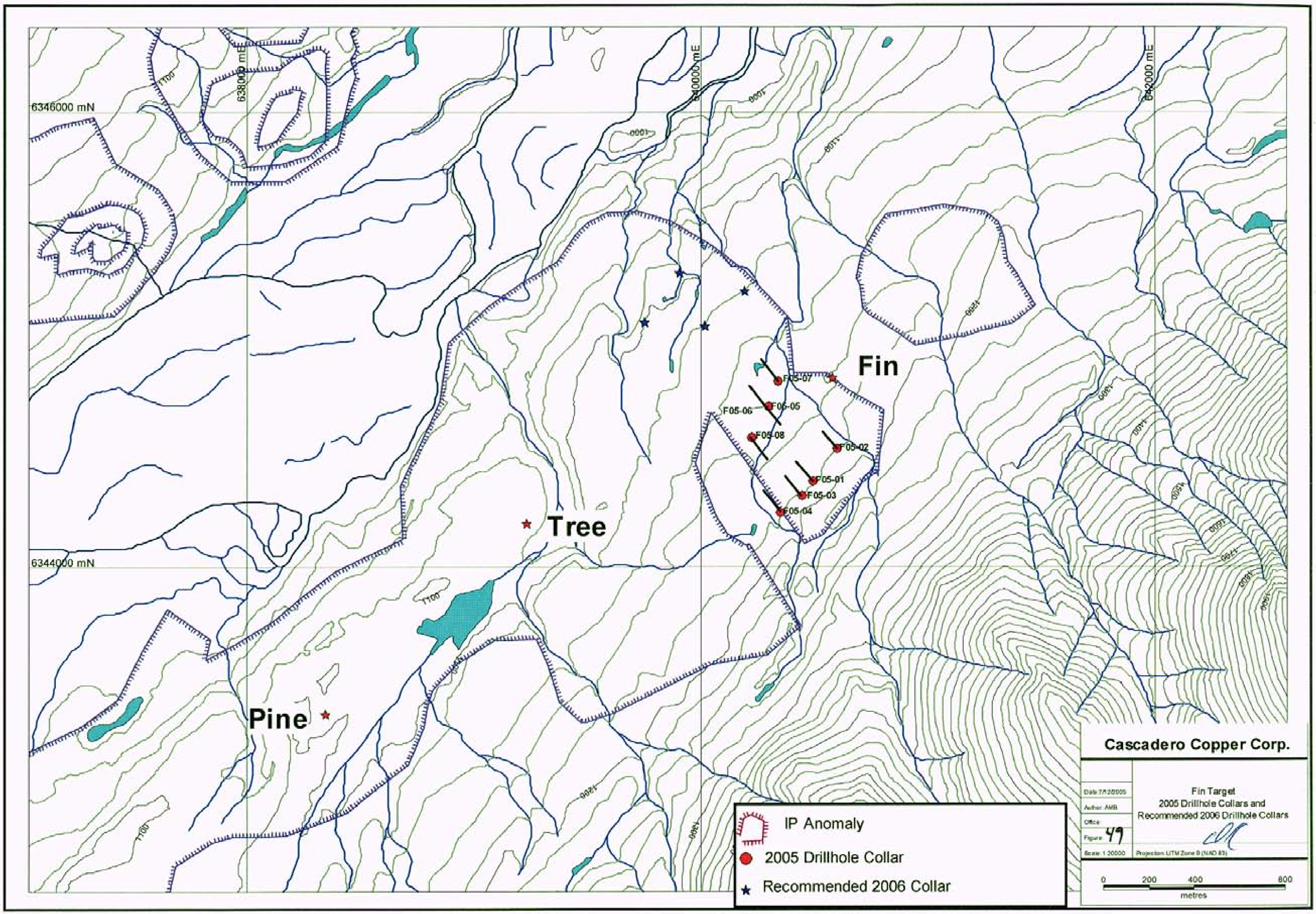

Histograms for Zn, Au, Mo, Cu are log(10) transform


Looking North
Mag
R05-04
Cu ppm
Pb ppm
1223m ASL
Au ppb
Zn ppm
20
40
60
80
100
120
140
160
180
200
220
1 mag unit
1000ppm Cu
1000ppm Pb
EOH: 228.35m
500ppb Au
1000ppm Zn
Legend for Ryan Geology
CAS
Ov b
Mz
QMz
And
DFp
DFp Mz
DQMz
DMz
Fxt
FxLt
Fz
Tz
Histogram for Zn, Au, Pb, Cu are log (10) transform
Cascadero Copper Corp.
Ryan Creek Property
DDH R05-04
Geology/Geochemistry
Date:19/9/2005
Author:AMB
Office:
Figure: 48
Scale: 1:2000
Projection: Non-Earth (meters)
0
20
40
80
metres

hole RC05-04). Sphalerite appears in all four holes and was found to occur along fractures often with quartz and calcite and occurs in greater quantities than chalcopyrite or molybdenum. Copper values in RC05-01 averaged 0.14% Cu, 0.014% Mo, and 0.06% Zn over 30m from 114m-144m. RC05-02 recovered 1.35g/tn Au and 0.09% Zn over 6m (148m to 154m) which was the beginning of a 41.9m fault zone, with up to 10% pyrite. RC05-03 recovered 0.05% Cu and 0.12% Zn over 20m (104m to 124m); a zone where the quartz-monzonite host rock is clay gouged and pyrite + chalcopyrite veins are up to 2cm wide. Mineralization in R05-04 occurs over 18m (34m to 52m) in volcanic feldspar crystal lithic tuff, which recovered 0.028% Cu, 0.49% Zn and 0.35g/tn Au. There was a 2m interval from 48m to 52m which recovered 1.53% Zn, 18.3g/tn Ag and 2.99g/tn Au. Magnetic values compared to assay results (Figures 45-48) show a weak inverse relationship. Magnetic values are lower when, gold, copper and zinc values are elevated. This is based on only four drillholes and so it is not know if this a definite pattern on the Ryan Creek prospect.

## 8.0 Summary and Conclusions

The Cascadero Property is a large project covering approximately 300 square kilometres. The project is underlain by Permian-Mid Pennsylvanian Asitka limestones and metasediments, upper Triassic Takla volcanic, sandstones/siltstones and Jurassic ash flow tuffs, lava flows and their coeval Jurassic intrusive granodiorites, monzonites and quartz-monzonites. The Fin area intrusive was drilled based on soil anomalies, geophysical IP and limited outcrop. The intrusive varied from fresh granodiorite to epidote, chlorite, sericite, silica and potassic altered rock with no discernible primary textures. Figure 49 shows the position of the IP anomaly over the Fin claim with 2005 drillhole, historical drillholes, and recommended 2006 drillhole locations. The area where the 2005 drillholes are located appears as a 'finger' protruding from the main IP anomaly. This could explain why holes F05-05, F05-06 and F05-02 recovered the highest copper values since they were away from the boundary of the IP anomaly. DDH F05-07 assyed high zinc values which are consistent with the periphery of porphyry deposit. Recommended


6346000 mN
6344000 mN
638000 mE
640000 mE
642000 mE
Fin
Tree
Pine
F05-07
F05-05
F05-06
F05-08
F05-02
F05-01
F05-03
F05-04
IP Anomaly
2005 Drillhole Collar
Recommended 2006 Collar
Cascadero Copper Corp.
Author: AWB
Office:
Figure: 49
Scale: 1:20000
Fin Target
2005 Drillhole Collars and
Recommended 2006 Drillhole Collars
Projection: UTM Zone 9 (NAD 83)
0
200
400
800
metres

drillholes are in an area with elevated molybdenum and copper values from outcrop samples.

Drilling along the gossanous Mex ridge, revealed that there is a hydrothermal breccia covering up to 200m length and at least 200m deep (Figures 8, 9). The fluids and movement creating this polylithic hydrothermal breccia may indicate the potential of some deeper mineralization. This is further supported by the elevated gold values recovered at the end of M05-01 (1.74g/tn Au over 7.4m).

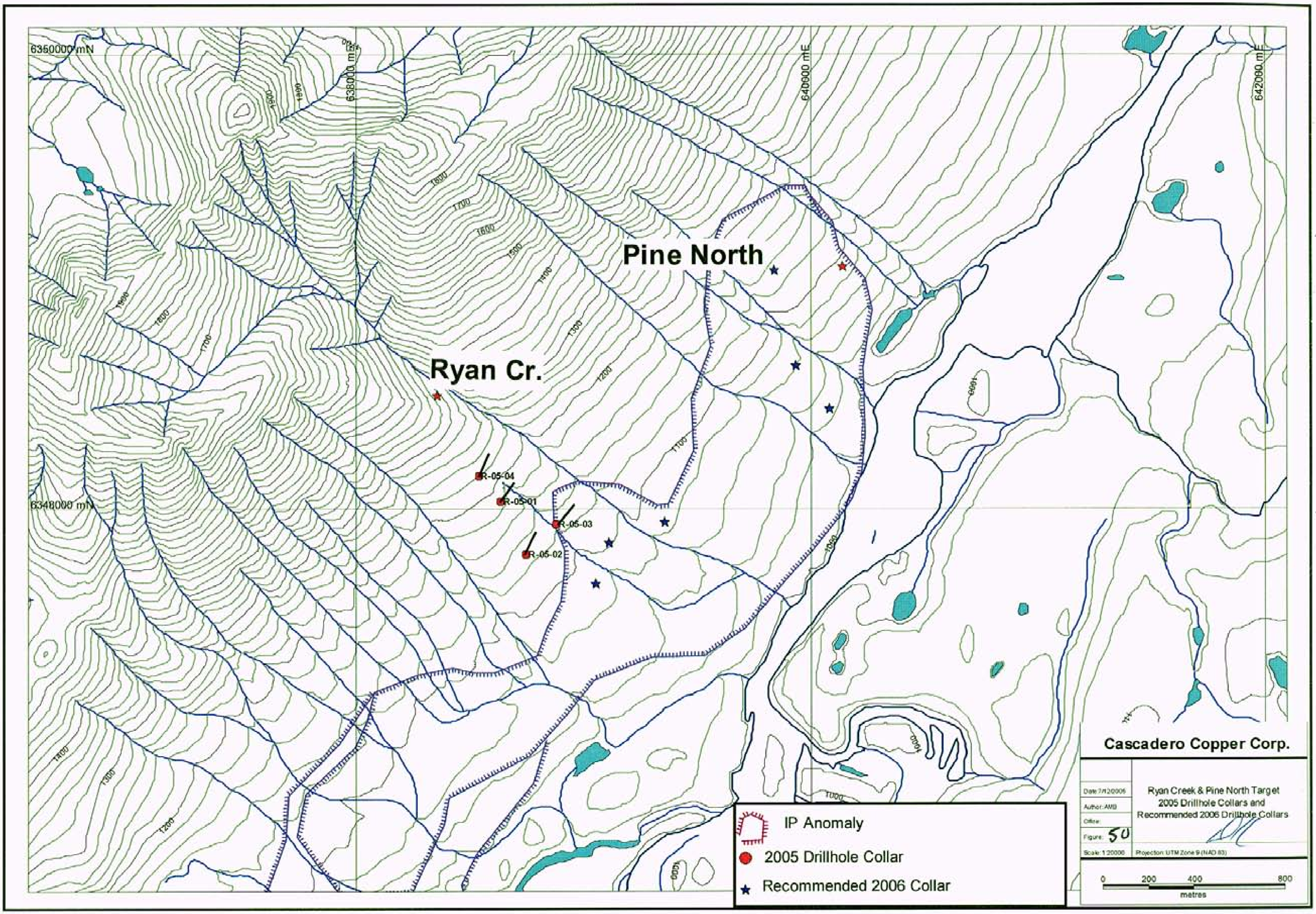
Ryan Creek drilling had significant zinc values in all four holes which suggests that the drillholes were on the periphery of a porphyry deposit. The porphyry target may exist closer to the Pine North target area where there is a high IP anomaly (Figure 50).

Historical sampling in the Canyon Creek area which recovered anomalous gold and silver values might be contributed by the northeast-southwest trending fault which cuts Fin Lake and continues through the Canyon Creek area. This faulting may also cause the strong quartz-sericite-pyrite altered rocks in the area. Figure 7 shows a potassium-high over the Canyon Creek area which could indicate an intrusive below the surface volcanic tuffs. Further work needs to be done to determine whether or not faulting is responsible for mineralization and whether there is intrusive porphyry potential.

Prospecting on the western Cascadero properties recovered elevated copper and gold values on the Steel claims and the Dry Pond claims, although not enough sampling was done to expand previously known mineralized zones. Mapping of these areas established geological boundaries and faults.

## 9.0 Recommendations

To further examine and determine the potential of the Cascadero Property, drilling and detailed geological mapping must be the focus for the coming seasons. Drilling on the Fin area near grab samples 63960, 64370 and 63962 (Figure 16, 28) would be a future target. Deeper drillholes on the Mex near M05-01 are recommended to examine whether or not the gold values continue at depth. Systematic geological mapping on the Mex is recommended to further understand the nature of the Mex deposit, porphyry potential and


6350000 mN
638000 mE
640000 mE
642000 mE
6348000 mN
Pine North
Ryan Cr.
R-05-04
R-05-01
R-05-03
R-05-02
IP Anomaly
2005 Drillhole Collar
Recommended 2006 Collar
Cascadero Copper Corp.
Ryan Creek & Pine North Target
2005 Drillhole Collars and
Recommended 2006 Drillhole Collars
Author: AWB
Office:
Figure: 50
Scale: 1:20000
Projection: UTM Zone 9 (NAD 83)
0
200
400
800
metres

controlling structures. Detailed mapping on the Ryan Creek prospect to help understand the controlling structures are recommended, if possible due to scarce outcrop. Once surface control is established and there is agreement that the 2005 drill holes where in the periphery of the porphyry new drill targets in the area should be determined. IP and soil anomalies on the Pine North and Pine West suggest a porphyry deposit below. Outcrop is limited therefore trenching and drilling are the only methods to determine what lies below.

An itemized cost for the combined Phase II drill program is found in Appendix V.

| | | |
|---|---|---|
| • Fin | 4 holes @ 300 m | 1200 m |
| • Mex | 4 holes @ 300 m | 1200 m |
| • Ryan Creek | 3 holes @ 250m | 750 m |
| • Pine North | 3 holes @ 250 m | 750 m |

April Barrios

Dave Kuran (PGeo.)