# Daisy Claim Group

**(including the Daisy 1-4 claims)**

## Rock Geochemical Report

**Nicola M.D.**
**NTS 92H 15E**
**49°50′30′′N; 120°33′30′′W**
**(Annual Work Approval Number: KAM96-1500552-246)**

**For:**
**Leonard J. Harris & David Heyman**
**830-355 Burrard Street**
**Vancouver, B.C.**

**By:**
**E. McCrossan**
**P.Geo., F.G.A.C.**
**(604)681-7362**



**July 22, 1996**

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## Summary

The Daisy claims are located southeast of Merritt, B.C. within the Intermontane Belt of the Canadian Cordillera.

They are situated in a geological setting favourable for the formation of Cu-Au porphyry, skarn, vein, shear and/or breccia deposits.

The claims are underlain predominantly by marine volcanics of the Central Belt within the Upper Triassic Nicola Group. A fault bounded, elongate dioritic unit has also been mapped in the northeastern portion of the Daisy claims.

Mineralization on the property consisted of pyrite, chalcopyrite, magnetite, chalcocite, malachite and azurite. It was associated with shear zones, breccias, quartz veinlets and stringers, and fracture sets.

Assay results were anomalous in Cu and Zn. Previous samples from the claims have returned 1.07% Cu over 4 metres and 0.8% Cu over 9.1 metres.

Further work, including detailed geological mapping and geochemical sampling, is recommended for the Daisy Claim Group.


## Introduction

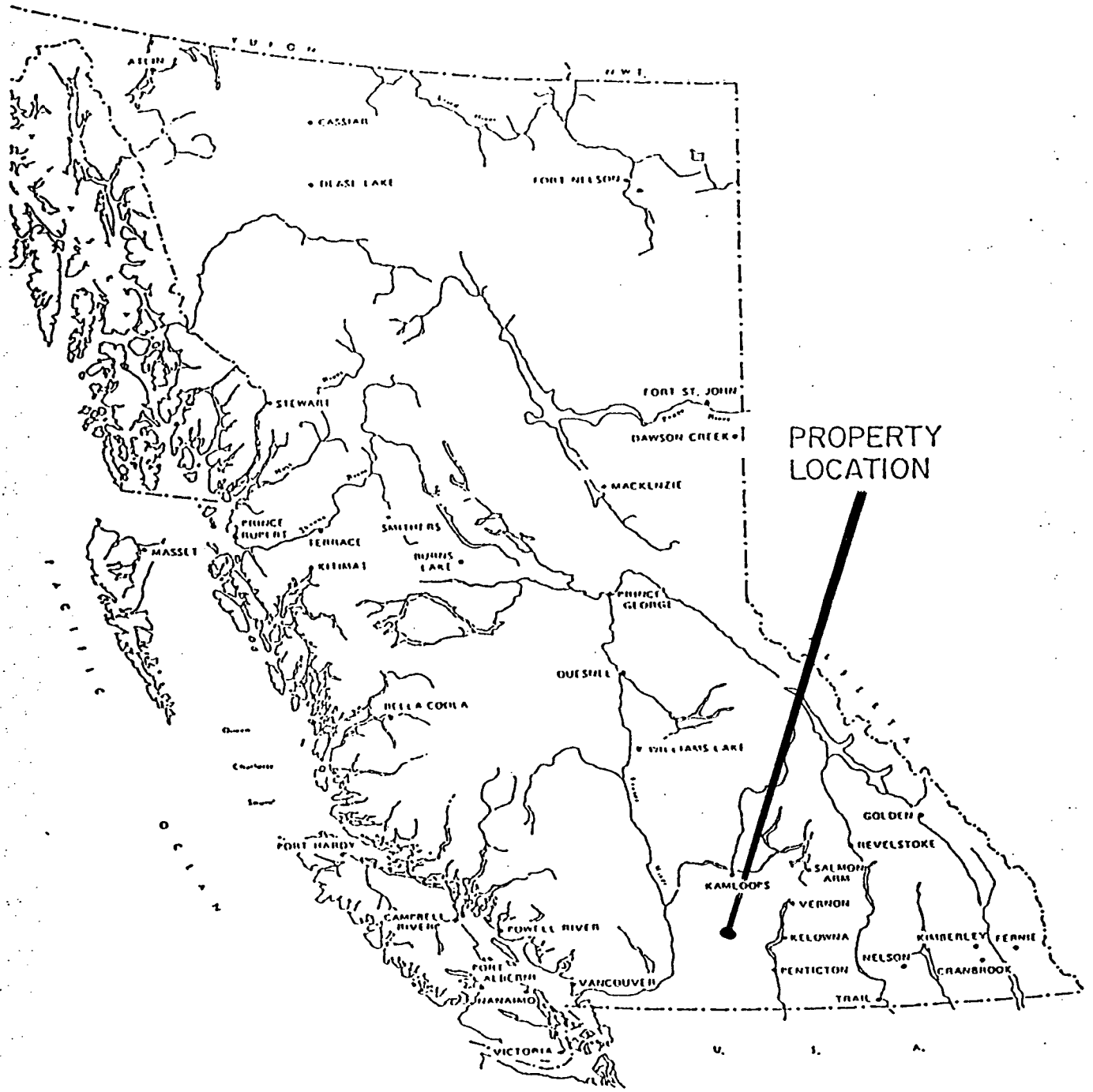
The Daisy Claim Group is located 38 km SE of Merritt, B.C. within the Intermontane Belt of the Canadian Cordillera.

It is situated in a geological setting favourable for the formation of Cu-Au porphyry deposits; skarn or replacement deposits; and/or auriferous quartz-carbonate vein, shear or breccia deposits.

The Highland Valley Copper Mine, a porphyry copper deposit located north of Merritt, contains published reserves of 539.7 million tonnes grading 0.42% Cu (January 1, 1995). The mine is owned by Cominco Ltd. (50%), Rio Algom Ltd. (33.6%), Teck Corp. (13.9%) and the Highmont Mining Company (2.5%).

The Similco (Copper Mountain) Mine owned by the Princeton Mining Corporation and located south of Princeton, B.C.; contains published reserves of over 135 million tonnes grading 0.36% Cu plus additional gold and silver credits (January 1, 1995).

The Elk-Siwash North Mine; a vein deposit owned by Fairfield Minerals Ltd. and located southeast of Merritt; contains stockpiled, probable and possible reserves of over 123,000




PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
E. McCROSSAN
SCIENTIST

N

LEN HARRIS - DAVE HEYMAN

DAISY CLAIMS

# LOCATION MAP

N.T.S. 92 H 15E

NICOLA M.D., B.C.

0 100 200 400 KM.

| | |
|---|---|
| Scale 1:8,000,000 | Date: JULY, 1996 |
| Drawn by: C.S. | Figure Nº.: 1 |

tonnes grading 27.43 gpt Au (Jan. 1/96). Between 1992 and 1994 Fairfield produced 1,586 kg (51,000 oz) of gold from ore averaging 97.7 gpt (2.8 opt) Au over 0.4 metres.

This report describes assessment work carried out on the Daisy claims during July 12, 1996. (Annual work approval number: KAM96-1500552-246)

## Location and Access

The Daisy Claim Group is located 38 km southeast of Merritt in the Nicola Mining Division of B.C. (Figure 1).

The property is road accessible via highways 97C and 5A which passes through the settlement of Aspen Grove.

From Aspen Grove, highway 5A is followed south for approximately 12 km where a logging road heads east toward Missezula Lake.

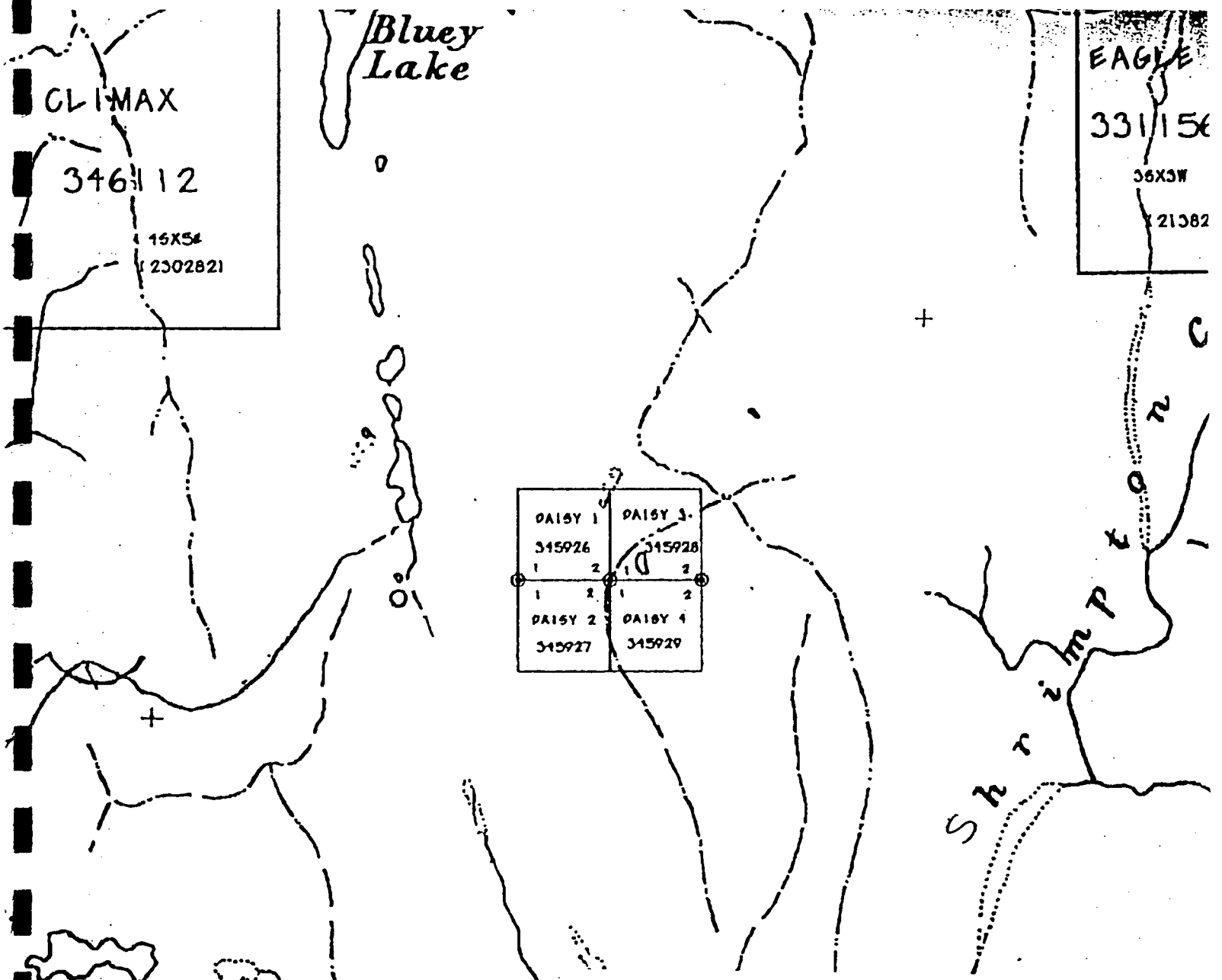
This road and other secondary logging roads are followed east and northeast for approximately 7 km to the Daisy claims.

An alternative route is through the Alleyne Lake Provincial Park and past Loon Lake from where secondary roads are followed to the east and south for approximately 9 km where an old logging road branches west toward the eastern boundary of the Daisy claims.

## Claim Data

| Claim Name | Tenure # | # of Units | Expiry Date |
|---|---|---|---|
| Daisy 1 | 345926 | 1 | April 28/99 |
| Daisy 2 | 345927 | 1 | April 28/99 |
| Daisy 3 | 345928 | 1 | April 28/99 |
| Daisy 4 | 345929 | 1 | April 28/99 |

The claims are owned 100% by David Heyman and Leonard J. Harris (Figure 2).




**Len Harris/Dave Heyman**

## Daisy Claims

**Nicola M.D. B.C.**

37,500. (approx)

**NTS 92H15E** ~~1:50,000~~

**July, 1996**

**Claim Map** **Figure 2**

N

## Topography, Vegetation and Climate

The relief within the Daisy Claim Group is moderate with subcropping and outcropping ridges trending northerly throughout the property. Small ponds and swampy areas are located within topographically low areas around and between the ridges.

Elevations on the property range between 3,800 to 4,500 feet above mean sea level.

Vegetation and climate is typical for the south-central interior (Tulameen Land District-Thompson Plateau) of B.C. Vegetation density was moderate and did not hinder field work.

## History and Previous Work

The Daisy (or Josee) minfile prospect occurs within the Daisy claims on the B.C. Geological Survey Tulameen Minfile Map (NTS 092HNE). It is described as a shear zone containing both copper and silver mineralization.

Previous work within the claims includes:

1915: several trenches and a short adit were excavated.

1970's: trenching and diamond drilling programmes were carried out by Noranda.

1983-84: J.M. Murphy completed soil and geological surveys.

Historic sampling results on the property have returned:

| Cu (%) | Ag (gpt) | Au (gpt) | Length (metres) | Source |
|---|---|---|---|---|
| 1) 1.07 | 11 | trace | 4 | Assessment Report 12351 |
| 2) 0.8 | 3.4 | trace | 9.1 | Minister of Mines Annual Report 1928 |
| 3) 7.8 | 61.7 | trace | hand sorted ore | Minister of Mines Annual Report 1915 |

## Regional Geology

The Daisy Claim Group lies within the Intermontane Belt of the Canadian Cordillera in an area underlain by the Upper Triassic Nicola Group.

The Nicola Group consists of marine volcanics and sediments that were probably deposited in an island arc setting.

Around the study area, Preto (1979) divided the Nicola Group into three separate assemblages (or belts) based upon different lithologies and depositional facies.

1. The Central Belt contains well bedded marine sediments; reefal limestones; and volcanic flows, breccias, tuffs and lahar deposits of andesitic to basaltic composition.

2. The Eastern Belt includes trachyandesitic to trachybasaltic porphyry flows, flow breccias, lapilli tuffs, lahars, sandstones and siltstones.

3. The Western Belt is composed of calcareous volcanic sediments; cherty limestones; and andesitic to dacitic flows, breccias and tuffs.

Comagmatic intrusive rocks composed of diorite, with lesser monzonite and syenite, tend to be associated with the Central Belt of the Nicola Group.

Regional structures in the area trend north-south, northeasterly, and northwesterly.

Several mines and advanced mineral exploration or development projects are located within the Nicola Group in the south-central interior of B.C.

Besides the Highland Valley, Similco, and Elk mines described above; other mines in the area include the Craigmont Cu-Fe skarn deposit near Merritt, the Afton-Ajax Cu-Au porphyry near Kamloops, and the Hedley Tailings and Nickel Plate gold mines near Princeton.

## Local Geology

The Daisy Claim Group is underlain predominantly by marine volcanics of the Central Belt within the Upper Triassic Nicola Group. A fault bounded monzonite to diorite unit of Upper Triassic to Lower Jurassic age has also been mapped in the northeastern portion of the property by Preto (1979).

A variety of volcanic facies of andesitic to basaltic composition were noted on the property. These included plagioclase and/or pyroxene porphyries, crystal and lithic fragmental tuffs, agglomerates, and breccias.

Mineralization on the claims included trace amounts or minor concentrations of pyrite, chalcopyrite, bornite, magnetite, chalcocite, malachite and azurite. It was associated with shear zones and breccias, quartz veinlets and stringers, and fracture sets.

Alteration products, generally associated with mineralized areas, consisted of hematite, chlorite, epidote and silica. Some of the lower grade alteration may have been due to weak regional metamorphism.

Limonite and pyrolusite, as well as lesser malachite were common oxidation products.

The claim group is located within the Kentucky Alleyne-Summers Creek fault system which has been interpreted by Preto (1979) to be a major regional fault which represents the eastern portion of a rift system that controlled the emplacement of Nicola volcanic rocks, as well as the distribution of later Tertiary sediments.

Within the property, local structures and volcanic units trend north-south to north-northwesterly subparallel to the Kentucky Alleyne fault system. Mineralization is also associated with shear zones within the fault system and is probably related to the elongate dioritic intrusion that may be comagmatic with the Nicola Group volcanic rocks in the claim area.

Hence, mineralization on the Daisy claims appears to be structurally controlled, epigenetic and may be related to a porphyry-like system.

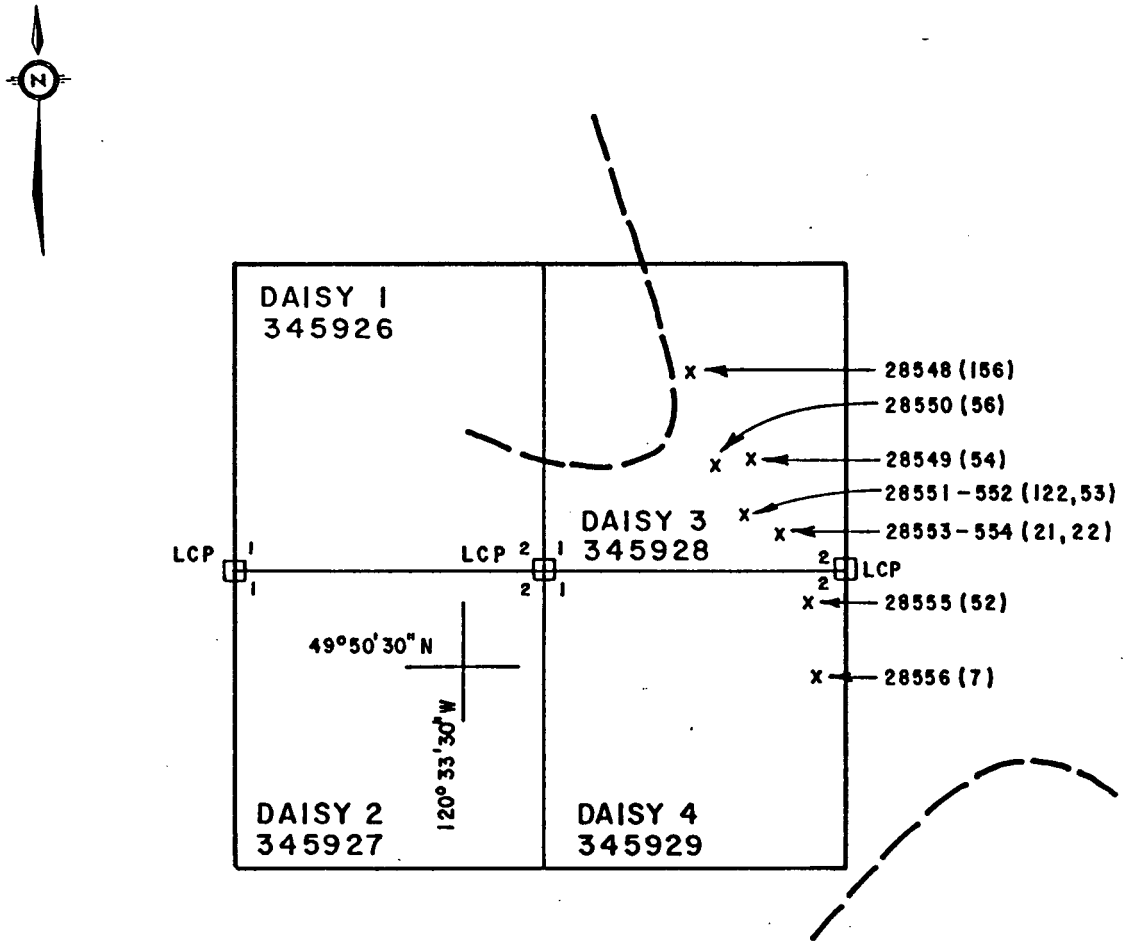
There is also potential for the discovery of vein, stockwork, or replacement deposits within the claim group area.

## Geochemical Sampling

Nine rock samples were taken from outcrop and angular subcrop fragments on the Daisy property.

Both grab and composite samples were collected of mineralized and relatively unaltered host rock material (see Appendix I for rock sample descriptions and Figure 3 for sample locations).

The samples were sent to Acme Analytical Laboratories and analyzed for 30 elements using ICP and Au using fire assay (results Appendix II).




PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
E. McCROSSAN

## LEGEND

Access Roads

28548 (156) x Rock Sample Location
Cu (ppm)

**LEN HARRIS - DAVE HEYMAN**

**DAISY CLAIMS**
NICOLA MINING DIVISION, B.C.
NTS 92H 15 E

**ROCK GEOCHEMICAL SAMPLE LOCATION MAP WITH Cu ASSAY RESULTS**

0 250 500
METRES

| | | |
|---|---|---|
| Data by: E. McCrossan | Date: July '96 | Scale: 1: 12,500 |
| Drawn: Alpha-2000 Drafting klj | | Figure: 3 |

Sample results were anomalous in Cu and Zn. An outcrop sample of a limonite stained andesitic fragmental tuff breccia returned 156 ppm Cu (sample #28548). Another sample of similar lithology containing trace amounts of disseminated pyrite and chalcopyrite assayed 122 ppm Cu and 110 ppm Zn (28551).

## Conclusions and Recommendations

Assay results were anomalous in Cu and Zn.

Since the Daisy claims lie within the Central Belt of the Nicola Group in a geological setting favourable for the formation of Cu-Au porphyry, skarn, vein, breccia and shear deposits; further work is warranted for the property.

It is recommended that previous operators on the property be contacted and a complete review made of their diamond drilling, geochemical and geophysical data from the Daisy Claim Group.

After doing so, detailed geological mapping and geochemical sampling should be carried out over the most prospective targets. This program could be followed by geophysical surveys and trenching if warranted.

# References

Preto, V.A. 1979: Geology of the Nicola Group between Merritt and Princeton B.C.; B.C. Ministry of Energy, Mines and Petroleum Resources Bulletin 69.

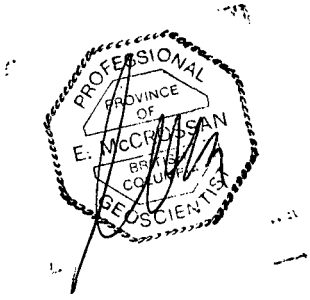
B.C. Ministry of Energy, Mines, and Petroleum Resources 1992: Geological Survey Branch Minfile Map NTS 092HNE Tulameen.

B.C. Geological Survey Branch - Mineral Resources Division: Minfile No. 092HNE091.

# Cost Statement

Work performed during July 12, 1996.

| | |
|---|---|
| Geologist | $400.00 |
| Assistant | 300.00 |
| Truck rental | 100.00 |
| Fuel | 50.00 |
| Food & hotel | 250.00 |
| Assays | 180.00 |
| Report | 400.00 |
| Secretarial, copies, etc. | 300.00 |
| Drafting | 300.00 |
| Miscellaneous @ 10% | 220.00 |
| Total | $2,500.00 |



# STATEMENT OF QUALIFICATIONS

I, Ed McCrossan, of 204-1225 Barclay Street, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1984) and hold a B.Sc. degree in geology.

2. I have been employed in my profession by various mining companies since graduation and have worked on projects in Canada, U.S.A., Thailand, China, Chile, Bolivia, Peru, Venezuela, Central America, and Mexico.

3. I am a member of the Canadian Institute of Mining and Metallurgy, a Fellow of the Geological Association of Canada, and a registered member in good standing of the Association of Professional Engineers and Geoscientists of B.C.

4. The information and recommendations contained in this report are based upon a one day work program.

5. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public documents.


Ed McCrossan
Geologist, F.G.A.C., P.Geo.

DATED at Vancouver, British Columbia, this 22 day of July, 1996.

# Appendix I

## Daisy Claims: Rock Sample Descriptions*

* Note that all terms used are field descriptions based upon visual inspection of hand specimens. No thin sections were prepared for these samples.

| | |
|---|---|
| 28548 | Grab of agglomeratic-fragmental volcanic breccia. Moderate limonitic staining on outcrop surface with lesser pyrolusite, chlorite and clays as weathering or alteration products. |
| 28549 | Grab of medium green andesitic tuff. Minor to moderate limonitic staining associated with traces of disseminated pyrite and chalcopyrite. |
| 28550 | Grab of andesitic tuff. Trace to 1% pyrite as disseminations and hairline fracture fillings. Minor local silicification and minor to moderate limonitic staining. |
| 28551 | Grab of fragmental andesitic tuff breccia. Trace of disseminated pyrite and chalcopyrite with limonite and Mn staining along fracture surfaces. |
| 28552 | As in 28551 but with more silicification. |
| 28553 | Grab of medium green, crystalline, andesitic fragmental tuff. Trace to 1% pyrite and bornite? as fine grained disseminations and concentrations. Moderate silicification and limonitic staining with lesser chlorite. |
| 28554 | As in 28553. |
| 28555 | Grab sample of small outcrop or subcrop. As in 28553. |
| 28556 | Grab of angular float or subcrop material. Medium grained crystal-lithic fragmental andesitic tuff. Moderate limonitic staining along fractures. Trace of disseminated pyrite. |

# Appendix II

# Assay Results

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

# GEOCHEMICAL ANALYSIS CERTIFICATE

Guardian Resources Corp. File # 96-2819 Page 1

830 - 355 Burrard St., Vancouver BC V6C 2G8

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au** ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B 28501 | 1 | 15162 | 8 | 43 | 6.8 | 7 | <1 | 1622 | 4.36 | 2 | <5 | <2 | <2 | 62 | 2.4 | 5 | 15 | 218 | 2.10 | .105 | 9 | 15 | 2.63 | 121 | .22 | <3 | 2.11 | .07 | .14 | 16 | 8 |
| B 28502 | <1 | 3436 | <3 | 79 | 1.1 | 7 | 14 | 1959 | 5.47 | 6 | <5 | <2 | <2 | 109 | 3.5 | <2 | <2 | 289 | 2.60 | .156 | 11 | 20 | 2.95 | 55 | .26 | <3 | 2.98 | .30 | .28 | <2 | 3 |
| B 28503 | <1 | 7170 | <3 | 50 | 2.3 | 5 | 1 | 1578 | 4.26 | <2 | <5 | <2 | <2 | 53 | 1.2 | <2 | <2 | 229 | 1.59 | .101 | 8 | 16 | 2.27 | 52 | .22 | 6 | 1.92 | .06 | .08 | <2 | 7 |
| B 28504 | 1 | 781 | <3 | 61 | .3 | 5 | 15 | 1701 | 4.52 | 6 | <5 | <2 | <2 | 156 | 1.2 | <2 | <2 | 275 | 3.81 | .172 | 15 | 13 | 2.44 | 30 | .20 | 5 | 2.17 | .03 | .43 | <2 | <2 |
| B 28505 | <1 | 8807 | 3 | 67 | 3.1 | 2 | 4 | 1913 | 4.91 | <2 | <5 | <2 | <2 | 75 | 1.9 | <2 | 13 | 232 | 2.37 | .110 | 9 | 19 | 3.25 | 101 | .21 | 5 | 2.31 | .05 | .11 | 2 | 6 |
| B 28506 | <1 | 7545 | 4 | 68 | 1.6 | 11 | 2 | 1853 | 4.56 | <2 | <5 | <2 | <2 | 73 | 2.6 | <2 | 8 | 209 | 2.25 | .095 | 8 | 18 | 3.06 | 77 | .22 | 4 | 2.29 | .06 | .11 | <2 | 5 |
| B 28507 | <1 | 254 | 5 | 89 | <.3 | 18 | 23 | 1256 | 4.46 | 6 | <5 | <2 | <2 | 327 | 1.3 | <2 | <2 | 240 | 2.80 | .180 | 13 | 32 | 2.13 | 64 | .23 | 7 | 2.65 | .20 | .12 | 2 | 3 |
| B 28508 | 1 | 169 | <3 | 60 | <.3 | 27 | 17 | 1042 | 2.41 | 2 | <5 | <2 | <2 | 1262 | 1.5 | <2 | 2 | 132 | 4.64 | .165 | 10 | 42 | 1.71 | 15 | .21 | 17 | 2.10 | .04 | .05 | <2 | 4 |
| B 28509 | <1 | 9662 | <3 | 52 | 1.5 | 14 | 3 | 1697 | 4.70 | <2 | <5 | <2 | <2 | 92 | 2.0 | <2 | 14 | 238 | 1.52 | .132 | 10 | 33 | 2.79 | 69 | .22 | <3 | 2.18 | .07 | .14 | 4 | 8 |
| B 28510 | 1 | 103 | <3 | 45 | <.3 | 4 | 15 | 1214 | 3.60 | 5 | <5 | <2 | <2 | 144 | .6 | 2 | 6 | 125 | 3.94 | .167 | 16 | 7 | 1.37 | 188 | .04 | <3 | .60 | .05 | .38 | <2 | 4 |
| B 28511 | 1 | 59 | 5 | 32 | <.3 | 3 | 11 | 869 | 2.07 | 3 | <5 | <2 | <2 | 155 | <.2 | <2 | 2 | 79 | 3.52 | .245 | 11 | 7 | 1.38 | 26 | .02 | <3 | .45 | .05 | .24 | <2 | 4 |
| RE B 28511 | <1 | 59 | <3 | 35 | <.3 | 5 | 10 | 887 | 2.10 | 3 | <5 | <2 | <2 | 156 | .6 | <2 | 2 | 81 | 3.61 | .247 | 11 | 6 | 1.40 | 23 | .02 | 3 | .45 | .05 | .24 | <2 | 5 |
| B 28512 | 1 | 528 | <3 | 96 | <.3 | 8 | 13 | 1080 | 3.30 | 7 | <5 | <2 | <2 | 182 | 1.7 | <2 | <2 | 82 | 4.20 | .157 | 12 | 7 | 1.95 | 115 | .01 | 3 | .95 | .03 | .36 | <2 | 6 |
| B 28513 | <1 | 146 | <3 | 52 | .3 | 8 | 18 | 1238 | 3.84 | 12 | <5 | <2 | <2 | 142 | .8 | <2 | <2 | 118 | 4.87 | .166 | 15 | 10 | 1.12 | 85 | .02 | 6 | 1.16 | .07 | .27 | <2 | <2 |
| B 28514 | <1 | 154 | <3 | 70 | <.3 | <1 | 13 | 1135 | 4.20 | 2 | <5 | <2 | <2 | 168 | 1.3 | <2 | 2 | 260 | 6.53 | .134 | 11 | 16 | 2.54 | 40 | .10 | <3 | 2.47 | .06 | .65 | <2 | <2 |
| B 28515 | <1 | 118 | 3 | 66 | .4 | 12 | 20 | 1112 | 4.15 | <2 | <5 | <2 | <2 | 122 | 2.3 | 4 | 2 | 280 | 3.47 | .167 | 12 | 17 | 2.68 | 56 | .05 | 6 | 3.29 | .04 | .58 | 3 | 6 |
| B 28516 | <1 | 13467 | 6 | 11 | 9.0 | 3 | <1 | 1574 | 1.69 | 10 | <5 | <2 | <2 | 318 | 1.9 | <2 | 6 | 362 | 26.97 | .076 | 10 | 16 | .99 | 63 | <.01 | 6 | .83 | .02 | .12 | 15 | <2 |
| B 28517 | <1 | 249 | 17 | 96 | .5 | 5 | 17 | 1402 | 4.75 | 4 | <5 | <2 | <2 | 193 | 2.3 | <2 | <2 | 360 | 10.14 | .149 | 12 | 20 | 2.93 | 103 | .08 | <3 | 3.06 | .36 | .50 | <2 | 14 |
| B 28518 | <1 | 8167 | <3 | 80 | 1.8 | 11 | 16 | 1176 | 5.22 | <2 | <5 | <2 | <2 | 104 | 3.2 | 6 | 16 | 240 | 6.08 | .155 | 12 | 11 | 1.19 | 314 | .04 | 3 | 1.85 | .04 | .28 | 2 | 8 |
| B 28519 | 1 | 9452 | 5 | 21 | 3.3 | 5 | 4 | 1048 | 2.29 | 2 | <5 | <2 | <2 | 63 | 1.3 | <2 | 16 | 94 | 3.32 | .185 | 12 | 6 | .62 | 148 | .01 | 9 | 1.24 | .03 | .35 | 3 | <2 |
| B 28520 | 237 | 16239 | 9742 | 80872 | 20.8 | 2 | 2 | 1492 | 5.30 | 96 | <5 | <2 | <2 | 170 | 999.0 | 39 | 31 | 61 | 3.11 | .039 | 3 | 1 | 1.24 | 67 | <.01 | 5 | .37 | .01 | .32 | 15 | 15 |
| B 28521 | 21 | 4134 | 1885 | 38303 | 7.3 | 2 | 9 | 1842 | 5.06 | 67 | <5 | <2 | <2 | 277 | 539.6 | 6 | 5 | 86 | 5.52 | .077 | 5 | 3 | 1.56 | 116 | <.01 | 3 | .40 | .02 | .30 | 20 | 6 |
| B 28522 | 1 | 273 | 43 | 428 | .5 | 4 | 15 | 1350 | 3.92 | 11 | 5 | <2 | 2 | 100 | 5.8 | 6 | 6 | 57 | 4.05 | .213 | 12 | 4 | .29 | 352 | .01 | 10 | .67 | .03 | .37 | <2 | <2 |
| B 28523 | <1 | 343 | 14 | 205 | <.3 | 5 | 13 | 1461 | 3.65 | 5 | <5 | <2 | <2 | 146 | 3.6 | <2 | <2 | 94 | 3.13 | .163 | 12 | 6 | 1.30 | 141 | .04 | <3 | .50 | .04 | .31 | <2 | 4 |
| B 28524 | 2 | 42843 | 28 | 61 | 60.9 | 8 | <1 | 1199 | 2.81 | 6 | <5 | <2 | <2 | 90 | 4.7 | <2 | 39 | 244 | 3.71 | .135 | 9 | 7 | 1.68 | 132 | .18 | 11 | 3.95 | .32 | .14 | 25 | 314 |
| B 28525 | 1 | 7808 | 13 | 74 | 12.2 | <1 | <1 | 1148 | 3.34 | <2 | <5 | <2 | <2 | 58 | 2.6 | <2 | 13 | 173 | .98 | .122 | 9 | 4 | 1.73 | 58 | .14 | 3 | 5.08 | 2.72 | .22 | 7 | 6 |
| B 28526 | 2 | 303 | <3 | 74 | .9 | 2 | 14 | 879 | 4.13 | <2 | <5 | <2 | <2 | 67 | .2 | 4 | 5 | 202 | 1.25 | .151 | 11 | 9 | 1.13 | 50 | .17 | 3 | 5.79 | 2.97 | .14 | <2 | <2 |
| B 28527 | 3 | 65108 | 60 | 29 | 75.3 | <1 | 6 | 1130 | 2.67 | 11 | 10 | <2 | <2 | 106 | 5.9 | 7 | 9 | 316 | 7.07 | .162 | 8 | 9 | 1.45 | 15 | .22 | 15 | 4.40 | .07 | .04 | 21 | 3 |
| B 28528 | 1 | 53402 | 7 | 20 | 151.0 | 5 | 3 | 899 | 1.96 | 20 | <5 | <2 | <2 | 209 | 2.3 | <2 | <2 | 158 | 4.20 | .155 | 7 | 6 | 1.34 | 100 | .20 | 8 | 1.51 | .04 | .03 | <2 | 10 |
| B 28529 | 2 | 534 | 14 | 76 | 1.0 | 7 | 17 | 1375 | 4.23 | 17 | <5 | <2 | <2 | 85 | 2.4 | <2 | <2 | 177 | 2.29 | .154 | 10 | 11 | 2.38 | 22 | .20 | <3 | 1.83 | .04 | .08 | <2 | <2 |
| B 28530 | 4 | 48501 | 19 | 60 | 297.1 | <1 | <1 | 730 | 2.44 | <2 | 8 | <2 | <2 | 36 | 1.7 | <2 | 7 | 959 | 4.97 | .135 | 8 | 4 | 1.04 | 28 | .26 | 22 | 3.74 | .05 | .02 | <2 | 2 |
| B 28531 | 2 | 16651 | <3 | 136 | 71.4 | <1 | <1 | 1172 | 4.21 | <2 | <5 | <2 | <2 | 36 | .9 | <2 | 3 | 424 | 1.81 | .133 | 8 | 5 | 1.76 | 37 | .26 | <3 | 2.52 | .05 | .05 | 18 | <2 |
| B 28532 | <1 | 4646 | <3 | 75 | 2.8 | <1 | 6 | 1442 | 3.34 | 6 | <5 | <2 | <2 | 153 | 1.6 | <2 | 4 | 100 | 4.36 | .151 | 13 | 5 | 1.56 | 125 | .02 | 3 | .52 | .03 | .30 | <2 | 3 |
| B 28533 | 1 | 858 | 11 | 91 | 1.0 | 1 | 13 | 1712 | 3.51 | 9 | <5 | <2 | <2 | 199 | 1.8 | 2 | 9 | 120 | 5.31 | .173 | 13 | 3 | 1.78 | 93 | .02 | 11 | .63 | .02 | .42 | <2 | <2 |
| STANDARD C2/AU-R | 20 | 64 | 47 | 133 | 6.7 | 77 | 34 | 1164 | 3.94 | 40 | 17 | 7 | 34 | 54 | 20.7 | 18 | 21 | 76 | .53 | .090 | 42 | 69 | .96 | 208 | .09 | 28 | 2.17 | .06 | .15 | 10 | 490 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 12 1996 DATE REPORT MAILED: July 18/96 SIGNED BY .....C. Leong.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au** ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B 28534 | 1 | 126 | <3 | 76 | .6 | 7 | 11 | 1217 | 2.60 | 19 | <5 | <2 | <2 | 77 | <.2 | <2 | <2 | 166 | 3.86 | .139 | 11 | 6 | 1.50 | 53 | .15 | 32 | 2.76 | .06 | .06 | <2 | 2 |
| B 28535 | <1 | 116 | <3 | 191 | .7 | 5 | 16 | 1215 | 3.45 | 17 | <5 | <2 | <2 | 179 | <.2 | <2 | <2 | 143 | 2.49 | .142 | 10 | 8 | 1.99 | 60 | .22 | 15 | 2.15 | .05 | .06 | <2 | <2 |
| B 28536 | 1 | 5112 | <3 | 69 | 3.1 | 11 | 8 | 2278 | 4.95 | <2 | <5 | <2 | 2 | 140 | .9 | 6 | 3 | 363 | 11.91 | .127 | 11 | 13 | 1.34 | 124 | .25 | 45 | 7.44 | .04 | .05 | 5 | 10 |
| B 28537 | 1 | 5300 | <3 | 94 | 2.3 | 4 | 10 | 2157 | 4.63 | <2 | <5 | <2 | <2 | 97 | .4 | 3 | 4 | 278 | 6.86 | .138 | 10 | 13 | 1.67 | 107 | .21 | 25 | 4.42 | .04 | .04 | <2 | 10 |
| B 28538 | 1 | 5379 | 5 | 117 | 2.9 | 8 | 11 | 2228 | 4.63 | <2 | <5 | <2 | <2 | 113 | .6 | <2 | <2 | 321 | 7.87 | .142 | 13 | 11 | 1.83 | 57 | .22 | 18 | 5.03 | .03 | .11 | <2 | 8 |
| B 28539 | 1 | 167 | 3 | 90 | .7 | <1 | 13 | 1343 | 3.43 | <2 | <5 | <2 | <2 | 60 | <.2 | <2 | <2 | 135 | 3.57 | .152 | 13 | 4 | 1.36 | 40 | .19 | 18 | 2.38 | .04 | .08 | <2 | <2 |
| B 28540 | <1 | 5072 | <3 | 96 | 2.9 | 3 | 7 | 1961 | 4.10 | <2 | <5 | <2 | <2 | 104 | <.2 | <2 | <2 | 363 | 8.30 | .128 | 11 | 10 | 1.59 | 74 | .22 | 30 | 5.58 | .04 | .03 | <2 | 10 |
| B 28541 | 1 | 142 | 13 | 129 | 1.2 | 21 | 14 | 682 | 3.50 | 14 | 5 | <2 | <2 | 82 | .6 | <2 | <2 | 192 | 6.69 | .125 | 13 | 53 | .60 | 30 | .14 | 5 | 1.65 | .06 | .05 | <2 | 5 |
| B 28542 | 7 | 181 | 16 | 114 | 1.3 | 29 | 31 | 761 | 4.53 | 43 | <5 | <2 | <2 | 98 | 1.3 | <2 | <2 | 221 | 2.86 | .134 | 9 | 45 | .76 | 19 | <.01 | <3 | .91 | .03 | .01 | <2 | 6 |
| B 28543 | <1 | 151 | 3 | 104 | .8 | 2 | 14 | 925 | 4.88 | <2 | <5 | <2 | <2 | 73 | <.2 | <2 | <2 | 245 | 2.16 | .157 | 11 | 11 | .85 | 111 | .21 | 7 | 1.81 | .03 | .06 | <2 | 3 |
| B 28544 | <1 | 28 | 4 | 202 | .9 | 7 | 15 | 2945 | 7.06 | <2 | <5 | <2 | <2 | 298 | 2.6 | <2 | <2 | 124 | 25.39 | .008 | 4 | 5 | 9.15 | 6 | <.01 | <3 | .28 | .05 | .01 | <2 | <2 |
| B 28545 | <1 | 17 | 8 | 221 | .8 | 4 | 14 | 3107 | 7.25 | 2 | <5 | <2 | <2 | 291 | 3.8 | <2 | <2 | 147 | 27.12 | .004 | 4 | 7 | 9.83 | 9 | <.01 | <3 | .24 | .06 | .01 | <2 | <2 |
| B 28546 | <1 | 28 | 13 | 209 | 1.0 | 6 | 20 | 3506 | 7.92 | <2 | <5 | <2 | <2 | 281 | 3.8 | 6 | <2 | 160 | 27.56 | .009 | 5 | 3 | 9.59 | 9 | <.01 | <3 | .29 | .06 | .02 | <2 | <2 |
| B 28547 | 1 | 152 | 8 | 104 | 1.4 | 22 | 22 | 1266 | 5.34 | 17 | <5 | <2 | <2 | 129 | <.2 | <2 | <2 | 229 | 4.03 | .139 | 14 | 37 | 1.53 | 18 | <.01 | <3 | .80 | .04 | .05 | <2 | 6 |
| B 28548 | <1 | 156 | <3 | 85 | .6 | 5 | 18 | 960 | 4.68 | <2 | <5 | <2 | <2 | 50 | <.2 | <2 | 4 | 187 | 3.60 | .083 | 7 | 3 | 1.22 | 79 | .20 | 11 | 3.12 | .09 | .20 | <2 | <2 |
| B 28549 | 2 | 54 | <3 | 77 | .8 | 5 | 17 | 952 | 5.25 | 8 | <5 | <2 | <2 | 93 | 2.4 | 3 | <2 | 188 | 3.75 | .078 | 5 | 7 | 1.33 | 45 | .27 | 20 | 3.46 | .16 | .07 | <2 | 2 |
| B 28550 | 2 | 56 | 4 | 85 | .8 | 8 | 13 | 1258 | 4.64 | <2 | <5 | <2 | <2 | 118 | .2 | <2 | <2 | 185 | 3.66 | .080 | 6 | 6 | 1.59 | 66 | .27 | 26 | 3.75 | .11 | .08 | <2 | 2 |
| B 28551 | 1 | 121 | 5 | 110 | .9 | 8 | 17 | 1226 | 4.67 | <2 | <5 | <2 | <2 | 72 | <.2 | <2 | 4 | 165 | 2.14 | .087 | 7 | 8 | 1.54 | 106 | .29 | 12 | 3.28 | .10 | .13 | 3 | 2 |
| RE B 28551 | 1 | 122 | <3 | 108 | .8 | 6 | 15 | 1196 | 4.64 | 2 | <5 | <2 | <2 | 70 | <.2 | <2 | <2 | 162 | 2.04 | .084 | 7 | 7 | 1.52 | 104 | .28 | 14 | 3.26 | .10 | .13 | <2 | 3 |
| B 28552 | 1 | 53 | 10 | 86 | 1.0 | 1 | 11 | 1054 | 4.87 | 10 | <5 | <2 | <2 | 54 | .2 | 5 | <2 | 180 | 2.62 | .084 | 5 | 6 | 1.36 | 51 | .25 | 25 | 3.18 | .10 | .10 | <2 | 5 |
| B 28553 | 3 | 21 | <3 | 95 | .8 | 1 | 8 | 1053 | 4.40 | 12 | <5 | <2 | <2 | 76 | 1.1 | 2 | <2 | 150 | 2.51 | .078 | 6 | 8 | 1.51 | 60 | .26 | 10 | 3.21 | .17 | .09 | <2 | 4 |
| B 28554 | 5 | 22 | 20 | 69 | .8 | 6 | 7 | 1145 | 4.56 | 13 | <5 | <2 | <2 | 52 | <.2 | 3 | <2 | 151 | 2.03 | .076 | 7 | 9 | 1.72 | 46 | .28 | 11 | 3.10 | .11 | .10 | <2 | 2 |
| B 28555 | 1 | 52 | <3 | 92 | .9 | 2 | 12 | 1124 | 4.34 | 3 | <5 | <2 | <2 | 32 | .6 | 3 | 4 | 177 | 1.76 | .081 | 6 | 6 | 1.92 | 37 | .29 | 7 | 2.71 | .08 | .06 | <2 | 2 |
| B 28556 | 2 | 7 | 4 | 77 | .7 | 1 | 8 | 1149 | 4.07 | 4 | <5 | <2 | <2 | 45 | .5 | <2 | 3 | 160 | 3.22 | .122 | 7 | 6 | 1.38 | 70 | .20 | 36 | 3.28 | .09 | .15 | <2 | <2 |
| STANDARD C2/AU-R | 19 | 61 | 40 | 141 | 6.8 | 70 | 35 | 1176 | 3.90 | 37 | 21 | 7 | 34 | 53 | 19.7 | 15 | 21 | 74 | .54 | .089 | 41 | 65 | .95 | 199 | .09 | 25 | 2.05 | .06 | .15 | 11 | 451 |

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