# PROPERTY EXAMINATION REPORT

## ON

## THE DOOLEY PLACER CLAIMS

**MAYO MINING DISTRICT**
**N. T. S. 105M/ 14P**

**LATITUDE: 63 46' N**
**LONGITUDE: 135 14' W**

**OWNERS: G. & N. REGIMBALD**

BY: Wade Carrell – President
TANANA EXPLORATION INC.
27 Tutshi Road
Whitehorse, Yukon Y1A 3R4

DATE: DECEMBER 20, 2006

# SUMMARY

It is estimated that the Dawn Gulch property owned by Msrs. G. & N. Regimbald contains in excess of 2,215,686 yd3 of mineable gravel of an attractive nature. Results from a test- pitting program conducted in conjunction with a MMI soil sampling survey in 2006 suggest a value of $10.71/cubic yard with a figure of (U.S.) $600.0 / ounce of gold being used for calculation purposes. This would put a gross value in excess of (U.S.) $23,729,997.0 for the contained gold on the property. The volume calculated is a best guess estimate using all available information as well as a number of assumptions in lieu of hard data. This is a fairly conservative estimate. It is also possible that depths of gravels contained within the claimed area are much deeper than that which was used in volume calculations (10m). These gravels can be quite thick as seen in nearby placer cuts on Anderson, Davidson, Duncan and Owl Creeks, which are estimated by the author to be in excess of 20m. The entire claimed area is blanketed by glacial gravels, all of which appear to be mineable. Prospecting and a mobile metal ion soil sampling survey have returned results that indicate a previously undiscovered silver target.

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# CHAPTER ONE: INTRODUCTION

## 1 – 1: INTRODUCTORY STATEMENT

Volume estimates, grade calculations and a reconnaissance MMI soil sampling survey was conducted on the Dooley Placer Claims in early July, 2006, by personnel of Tanana Exploration Inc. Ten additional test pits were dug and sampled in October, 2006, to enhance the initial survey. The property, which is located on the south side of Mayo Lake, is owned by George and Neil Regimbald and is being explored for it's placer gold potential.

## 1 – 2: PROPERTY DESCRIPTION

The property, which consists of nine contiguous placer claims located on N.T.S 105M/14P map sheet in the Mayo Mining District, covers lower Dawn Creek. The property is currently accessible by boat and barge from Mayo Lake Landing.

## 1 – 3: PROPERTY AND REGIONAL GEOLOGY

Mayo Lake and the Mayo Mining District has been well-described by previous Yukon Geological Survey authors (Bostock 1938-1941; Hughs 1964-1979, Roots 1996-1997). The reader is advised of the updated reference list attached to this report. The referenced reports adequately describe the current knowledge of the geological environment of this area.

## 1 – 4: PHYSIOGRAPHY AND VEGETATION

Dawn Gulch is draining the south side of Mayo Lake in south-central Yukon. The area in question is moderately rugged, with the creek bisecting a small Valley. The north end of the valley is well drained and gently dipping with slopes generally less than 20 degrees. The south end of the valley is considerably steeper, with slopes attaining 45 degrees and more. This end of the valley contains discontinuous permafrost under a thick moss layer. Vegetation consists primarily of spruce forest. Alder and willow are common in the wetter areas near the creek.

## 1 – 5: HISTORY OF CLAIMS

The Dawn Gulch claim group consists of 9 contiguous placer claims located In the Mayo Mining District. These claims are registered as:

Dooley #1 (P02343)
Dooley #2 (P02344)
Dooley #3 (P02345)
Dooley #4 (P02346)
Dooley #5 (P02347)
Dooley #6 (P02348)
Dooley #7 (P47934)
Dooley #8 (P47935)
Dooley #9 (P47936)

# FIGURE 1


# CLAIM LOCATION MAP

## DOOLEY CLAIMS

1 – 6: PREVIOUS EXPLORATION

Limited testing of the gold content of creek gravels at Dawn Gulch has been completed to date. Only two small-scale placer operators have worked this creek: Mr. Friezen of Mayo from 1970's to 1989; Mr. George and Neil Regimbald of Whitehorse from 1989 to present. Mr. Friezen reportedly sluiced 3000 yards of material with 100 ounces of gold recovered. This indicates a grade of $20.0/yd3, @ $600.0 per ounce of gold, for the lower portion of the creek. All the work done, to date, has been done on Dooley #1 and #2. From 1989 to present the owners have undertaken small-scale stripping and test mining in order to keep the claims in good standing. The owners have recovered fifteen ounces of gold for approximately three hundred yards sluiced, which indicates a grade of $30.0/yd3 @ $600.0 per ounce of gold.

1 – 7: DESCRIPTION AND SUMMARY OF WORK

A total of 50 man-days were spent prospecting and sampling the Dooley claims and preparing and shipping the samples for analysis. On June 27th hand digging of test pits commenced. Two grid lines were run perpendicular to the creek / claim common line and slope angles were taken across the areas of interest. The grid lines extend for 225 meters east and west of the creek / common line and are spaced 100 meters apart. MMI pit sampling commenced on June 29th and was completed on July 2nd. MMI soil samples were collected at 25- meter stations on the grid lines.

Mobile metal ion soil sampling was carried out in accordance with techniques outlined by J. Bond of the Yukon Geological Survey. A total of 100 soil samples were collected for the initial MMI survey. Sections were plotted and volumes were calculated. Bulk sampling and testing of seven grade pits was commenced on June 27th and completed on July 3rd. Ten additional grade pits were bulk sampled and tested from October 13th to the 18th, 2006.

Several areas of permafrost were encountered during the MMI soil- sampling program, which had no negative effect on results of the survey. Partially frozen soil and gravel did slow the bulk sampling of the test pits in October.

# MMI GRID LOCATION

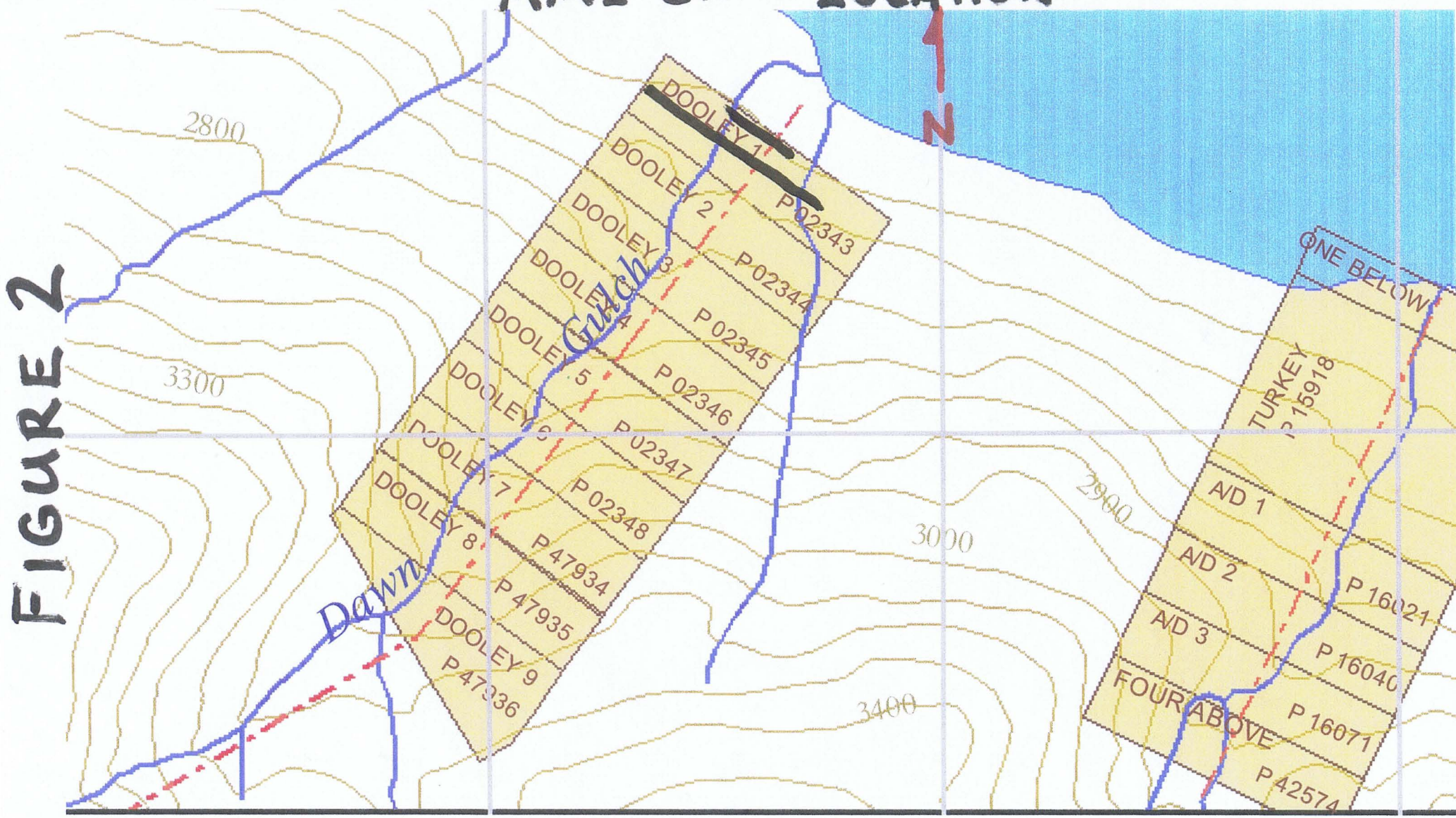



FIGURE 2

# Test Pit Location Map

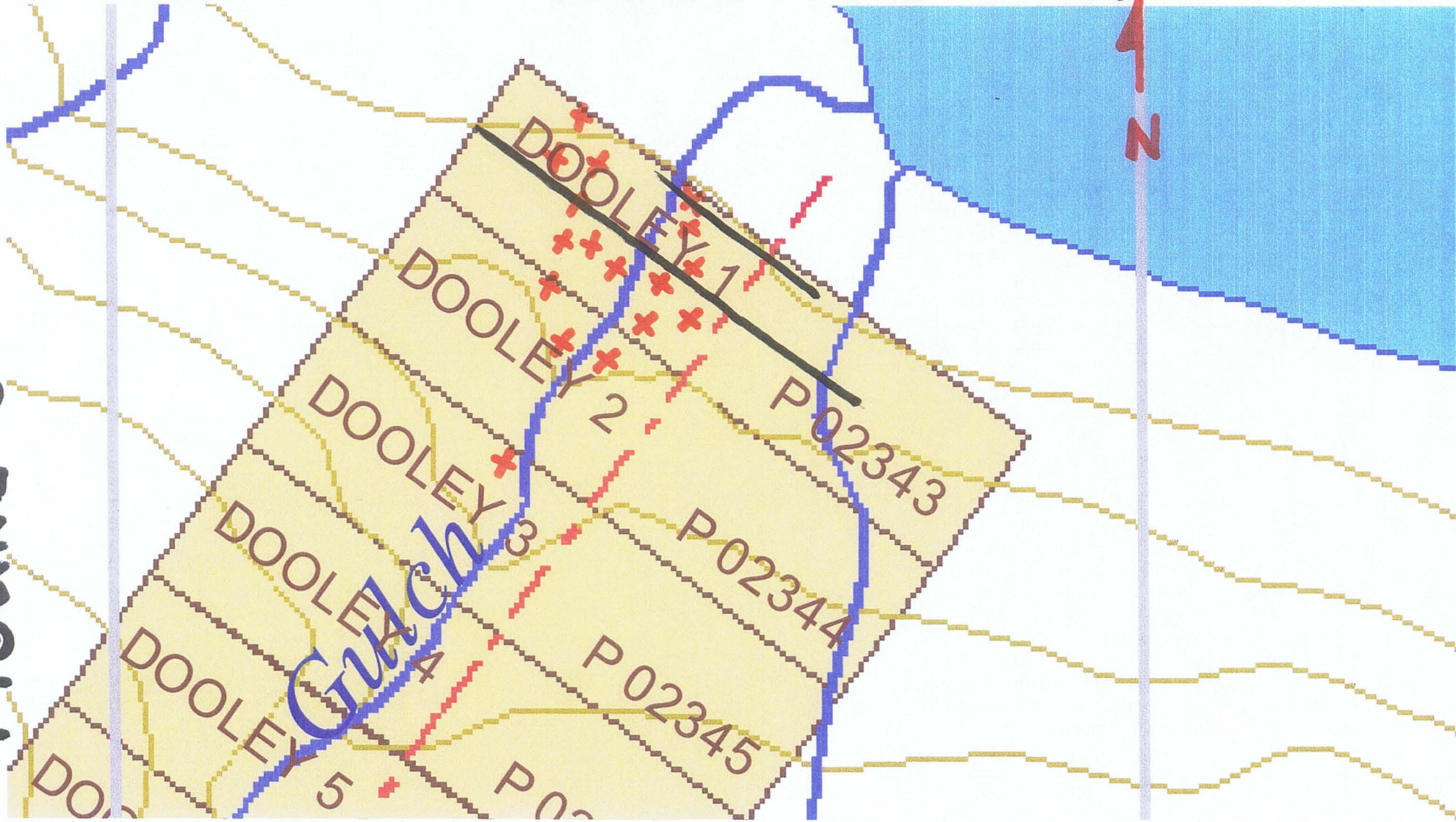



Figure 3

# CHAPTER 2: ANALYSIS AND DISCUSSION

## 2 – 1: VOLUME CALCULATIONS

I triangulated the width and length of the Dawn Gulch alluvial fan with a hand held g.p.s. unit, as well as using grid and slope data gathered during the MMI soil sampling survey. Approximate depth to bedrock was extrapolated from actual depth of bedrock exposed by placer working on Dooley #1 & #2.

A number of assumptions were made to facilitate the completion of volume calculations. These were:

1. Bedrock exposed in the creek by placer work was sloping uphill to the south at an angle of 20 degrees. This angle is assumed to continue from Dooley #1 to the mouth of the gulch, approximately 500 meters upstream.
2. Bedrock exposed by placer work sloped up to the east at an angle of 15 degrees. As there is no obvious change in depth of the creek banks upstream until Dooley #3, it is assumed that bedrock slopes at an angle of 15 degrees to the east and west of the creek.
3. Depth of gravel exposed above bedrock on Dooley #2 was ten meters. It is assumed that depth of gravel is a uniform 10m thick to the east and west of the creek.
4. Volume calculations were completed using basic mathematics, as more accurate methods were not justified due to the number of assumptions required.

## 2 – 2: GRADE CALCULATIONS

Grade pits were dug to a width and depth of one meter. Seventeen test pits were bulk sampled by screening gravel to ½" diameter to fill a twenty liter plastic pail. A second 20 L pail was used to measure the oversize material. The ½" material was concentrated using plastic gold pans with riffles. The coarse gold contained in the sample was removed and weighed, with an electronic pocket scale. The coarse gold from all seventeen pits was combined and the weight averaged. Fine gold remaining in the sample was determined by fire assay of the total sample of pan concentrate. The weight of the coarse and fine gold was added together to determine the amount of gold contained in a 20 L plastic pail. The amount of gold per cubic yard is calculated using the following formulas:

One 20 Liter sample = .02 cubic meters
50 x .02 cubic meters = 1 cubic meter
One cubic yard = 0.765 cubic meters
One ounce of gold = 37.8 grams

Do not forget to account for the number of pails of oversize material filled to obtain one 20-liter pail of pre-concentrate. E.g. Test Pit #1 – 4x20 L = .08 cubic meters.

The value of gold per cubic yard is calculated by extrapolating the total weight of gold in a 20-liter sample to the total weight of gold in one cubic yard using the above formulas.

Sample calculation:

| | |
|---|---|
| Weight of coarse gold from sample | = 0.070 g |
| Weight of fine gold from sample | = 0.082 g |
| Total weight of gold in 20 L sample | = 0.152 g |
| Total weight of gold per cubic meter | = 1.900 g |
| Total weight of gold per cubic yard | = 1.453 g |
| Total weight of gold in ounces | = 0.038 |
| Value @ (U.S.) $600.0 / ounce | = $22.80/yd3 |

2 –3 Mobile Metal Ion - SOIL SAMPLING SURVEY

MMI soil sampling was carried out in an attempt to obtain geochemical results in an area of known permafrost and to expand the area of known potential. An orientation survey of twenty five- sample pits was dug on two separate grid lines. The two lines are 100 meters apart and run in parallel. Twenty five-sample pits were dug at 25 meter spacing to a minimum depth of 60 centimeters. Four samples were taken from each pit at 10 cm spacing. The sample spacing is measured down from the bottom of the live organic layer at the top of the pit. Samples are taken from the bottom up to avoid cross - contamination. Samples are taken with a plastic scoop and placed in plastic freezer bags, then sealed and double bagged for shipment. Each sample is a minimum of 30 grams in weight. Each sample is numbered separately and each pit is described in notes for future geological referencing. Analysis of one hundred - 30-gram samples was completed by SGS Canada Inc.; 1885 Leslie Street; Toronto, On; and employed mobile metal ion multi-element leach analysis. Results of the geochemical analysis were emailed to me in excel spread- sheet format. The highest values from the one hundred samples taken were grouped by location and position of sample taken from each pit. Graphs of coincident anomalies were generated. The highest values returned from sampling came from the East side of the grid; with sample DP2/10B returning the highest values for gold and silver. Elevated values for pathfinder elements of cobalt and nickel are coincident with most of the high silver values.

Some areas of permafrost were encountered during the soil sampling survey. Frozen ground has no negative effect on the geochemical results.

## CHAPTER 3 – CONCLUSIONS & RECOMMENDATIONS

Volume and grade calculations made can be considered reliable if the various assumptions made were correct. The total mineable volume could be far in excess of that calculated if the depth of the gravels is thicker than assumed, as is the case of other creeks in the area. Total volume of gold calculated does not take into account the normal practice of placer miners, which is to routinely discard all of the heavy concentrates after the coarse gold is separated. When this practice is taken into the equasion, the actual value of a cubic yard of gravel on the Dooley claims, at $600.0 per ounce is $10.71 (U.S.) With a volume of mineable gravel far in excess of 2,000,000 / yd3, I believe this ground to realistically contain at least $21,420,000.0 of gold. Volume calculations were taken from the glacial fan area only, which covers most of three claims. I therefore conclude that the Dooley placer claims are very valuable.

It is recommended that the claim owners undertake a systematic overburden-drilling program to establish the depth and nature of gravel lying on bedrock.

The mobile metal ion geochemical survey is a relatively new process. The results obtained are not useful for delineating placer gold enrichment. However the significance of the MMI soil sampling on the property cannot be understated. Anomalous populations of silver, on the Eastern side of the grid, gives evidence of an underlying mineralized system in the area. A follow-up MMI soil- sampling program should be carried out on the East end of the existing grid, to fine – tune the silver anomallies in this area. Of final note, the differing rock clasts recovered through screening of the grade pit samples should be collected as individual samples and, after washing, submitted for geochemical analysis. This will provide a preliminary understanding of the local geology underlying the claims.

Respectfully submitted

Wade S. Carrell, President
Tanana Exploration Inc.

# ANOMALOUS SAMPLE LOCATION

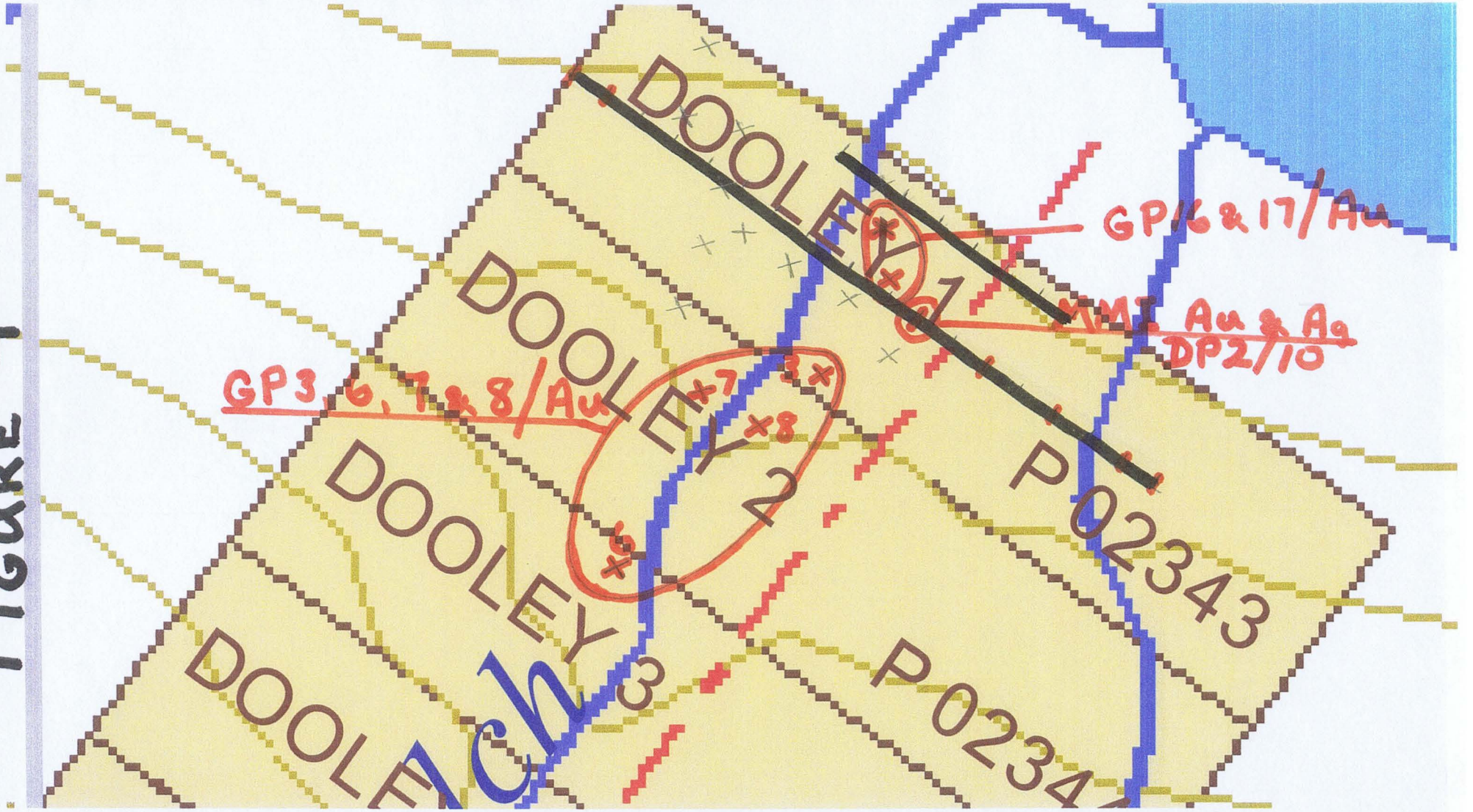
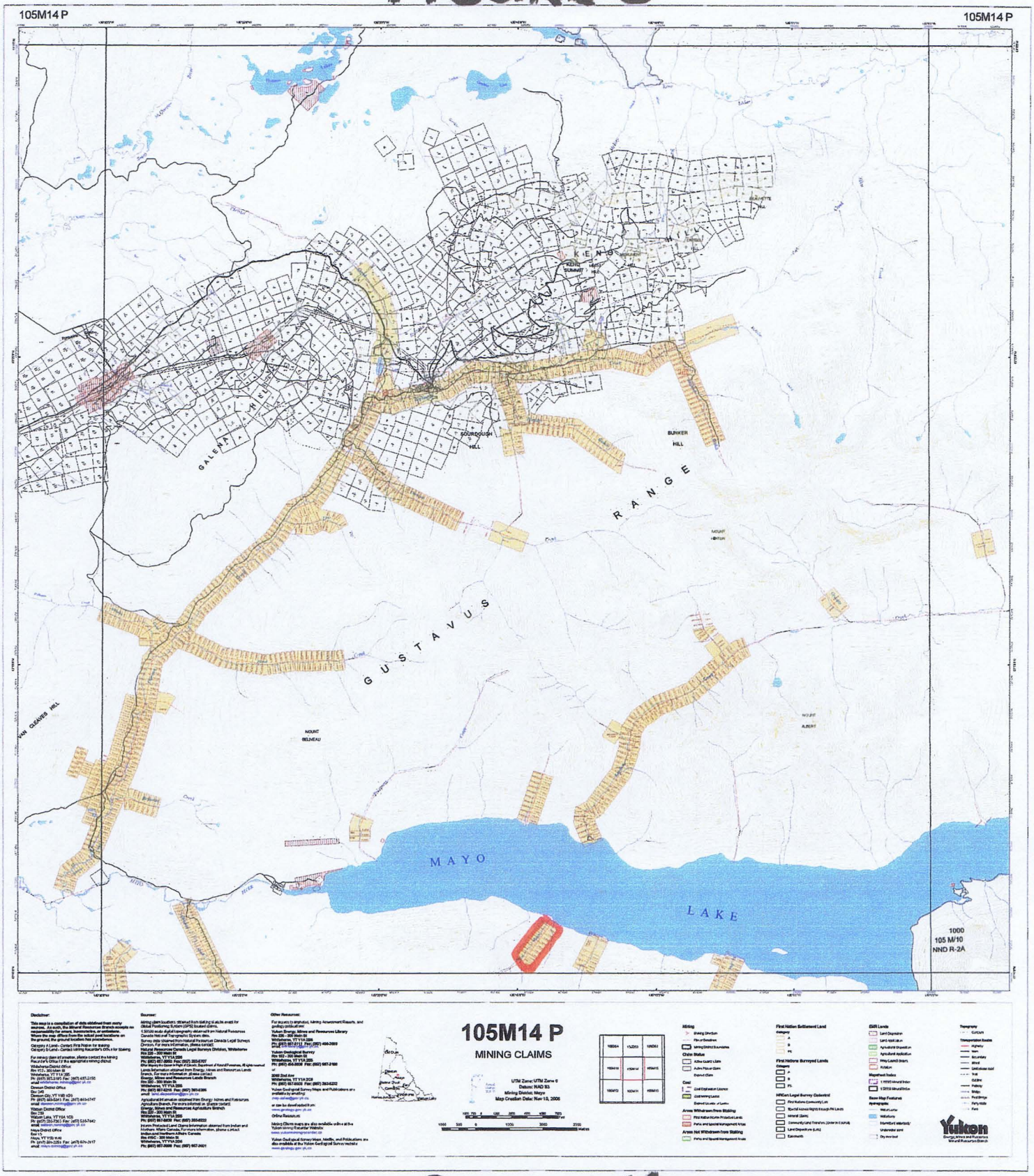



FIGURE 4

# FIGURE 5




# CURRENT CLAIM MAP

## REFERENCES


BRITISH COLUMBIA and YUKON CHAMBER OF MINES, 2000. The Tintina Gold Belt: Concepts, Exploration, and Discoveries. Cordilleran Roundup, January, 2000, T.L. Tucker and M.T. Smith (session chairs), Special Volume 2, 225 p.

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MURPHY, D.C. and ROOTS, C.F., 1996. Geological map of Keno Hill area, Central Yukon (105 M/14). Exploration and Geological Services Division, Indian and Northern Affairs Canada, Map 1996-1, scale 1:50 000.

MURPHY, D.C., 1997. Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Terrritory (115P/14, 15, 16: 105M/13, 14). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6, 122 p.

ROOTS, C.F., 1997. Geology of the Mayo Map Area, Yukon Territory (105M). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.

YUKON GEOLOGICAL SURVEY WEBSITE – MAP GALLERY

# APPENDIX - A

## ACTIVITY LOG

Personnel: Wade Carrell, Ivan Elash, Jason Wilson and Neil Regimbald

| DATE | PERSONNEL WC | IE | JW | NR | ACTIVITY DESCRIPTION |
|---|---|---|---|---|---|
| June 27/06 | x | x | | x | Mobilize to Dawn Cr.; dig pit |
| June 28/06 | x | x | | x | Stake claims; dig pits |
| June 29/06 | x | x | | x | Lay in grid & dig MMI pits |
| June 30/06 | x | x | | x | Dig grade sample pits |
| July 01/06 | x | x | | x | Dig grade sample pits |
| July 02/06 | x | x | | x | MMI pit sampling on grid |
| July 03/06 | x | x | | x | Grade pit sampling |
| July 04/06 | x | x | | x | GPS location, slope reading |
| July 05/06 | x | | | | Ship MMI samples to Toronto |
| July 06/06 | x | | | | remove coarse gold/grade samples |
| July 07/06 | x | | | | package grade samples for lab |
| | | | | | |
| Oct. 13/06 | x | | x | x | Mobilize Dawn Cr; dig grade pit |
| Oct. 14/06 | x | | x | x | Dig grade pits |
| Oct. 15/06 | x | | x | x | Dig grade pits |
| Oct. 16/06 | x | | x | x | Dig and sample grade pits |
| Oct. 17/06 | x | | x | x | Sample and back-fill grade pits |
| Oct. 18/06 | x | | x | x | GPS grade pits; pan concentrates |
| Oct. 19/06 | x | | x | x | Close camp & return to Whse. |
| Oct. 20/06 | x | | | | Remove coarse gold from samples |
| Oct. 21/06 | x | | | | Ship samples to Acme Lab / Van. |

# APPENDIX - B

## GRADE CALCULATIONS

Weight of coarse gold removed from concentrate samples = 0.882 gm/m3 average of 17 samples
Weight of fine gold determined by fire assay = 0.110 gm/m3 average of 7 samples, GP-01 to GP-07

| Sample # | Weight (gm) | Weight (gm/m3) | Weight (oz/yd3) | $/yd3 |
|---|---|---|---|---|
| GP- 08 | Coarse, 0.882 | | | |
| | Fine, 1.030 | | | |
| | Total - 1.912 | 1.912 | 0.050582 | 30.34 |
| GP- 09 | Coarse, 0.882 | | | |
| | Fine, 0.242 | | | |
| | Total 1.124 | 1.124 | 0.029735 | 17.84 |
| GP- 10 | Coarse, 0.882 | | | |
| | Fine 0.417 | | | |
| | Total 1.299 | 1.299 | 0.034365 | 20.61 |
| GP- 11 | Coarse, 0.882 | | | |
| | Fine 0.626 | | | |
| | Total 1.508 | 1.508 | 0.0398941 | 23.93 |
| GP- 12 | Coarse, 0.882 | | | |
| | Fine 0.853 | | | |
| | Total 1.735 | 1.735 | 0.0458994 | 27.53 |
| GP- 13 | Coarse, 0.882 | | | |
| | Fine 0.170 | | | |
| | Total 1.052 | 1.052 | 0.0278306 | 16.69 |
| GP- 14 | Coarse, 0.882 | | | |
| | Fine 0.596 | | | |
| | Total 1.478 | 1.478 | 0.0391005 | 23.46 |
| GP- 15 | Coarse, 0.882 | | | |
| | Fine 0.278 | | | |
| | Total 1.160 | 1.160 | 0.0306878 | 18.41 |

## GRADE CALCULATIONS CONTINUED

| | | | | |
|---|---|---|---|---|
| GP- 16 | Coarse, 0.882<br>Fine 1.128<br>Total 2.110 | 2.110 | 0.0558201 | 33.49 |
| GP- 17 | Coarse, 0.882<br>Fine 1.124<br>Total 2.006 | 2.006 | 0.0530687 | 31.84 |

Average value of 10 sample pits (GP-8 to GP-17) is $18.55 (U.S.) / yd3

Average value of 7 sample pits (GP-1 to GP-7) is $12.49 (U.S.) / yd3

Average value of 17 sample pits (GP-1 to GP-17) is $15.52 (U.S.) / yd3

# APPENDIX - C

## AREA CALCULATIONS, VOLUME AND VALUE

Dooley #1 – #3 alluvial fan; Length x width x depth = volume
Alluvial fan area – 500 m x 678 m x 10 m = 3,390,000 m3

Total volume of contained gravel on three claims = 3,390,000 m3

Mineable gravel = 3,390,000 m3 = (4,431,372.5 yd3)

Total value of contained gold @ $15.52(U.S.) / yd3 x $600.0(U.S.) / ounce = $68,774,901.0(U.S.)

Reality check # 1:

Due to built-in margin of error involved in using assumptions to calculate volume of mineable gravels it is deemed germane to halve the total volume.

Realistic volume of mineable gravel: 2,215,686.2 yd3

Total value of gold @ $15.52(U.S.)/ yd3 = $34,387,449.0(U.S.)

Reality check # 2:

No placer mining operation in the Yukon smelts the fine gold out of the black sand concentrate once the coarse gold is removed. Therefore value per cubic yard should be based on the coarse gold only.

Total value of recoverable gold @ $10.71(U.S) / yd3 = $23,729,999.0 (U.S.)

# APPENDIX - D

## MOBILE - METAL - ION - SURVEY

## SPREAD - SHEETS & GRAPHICS

Dooley Placer
4 samples for each location (25 sample sites)
only analyzed for Au, Ag, Co and Ni

some spotty anomalies plus:

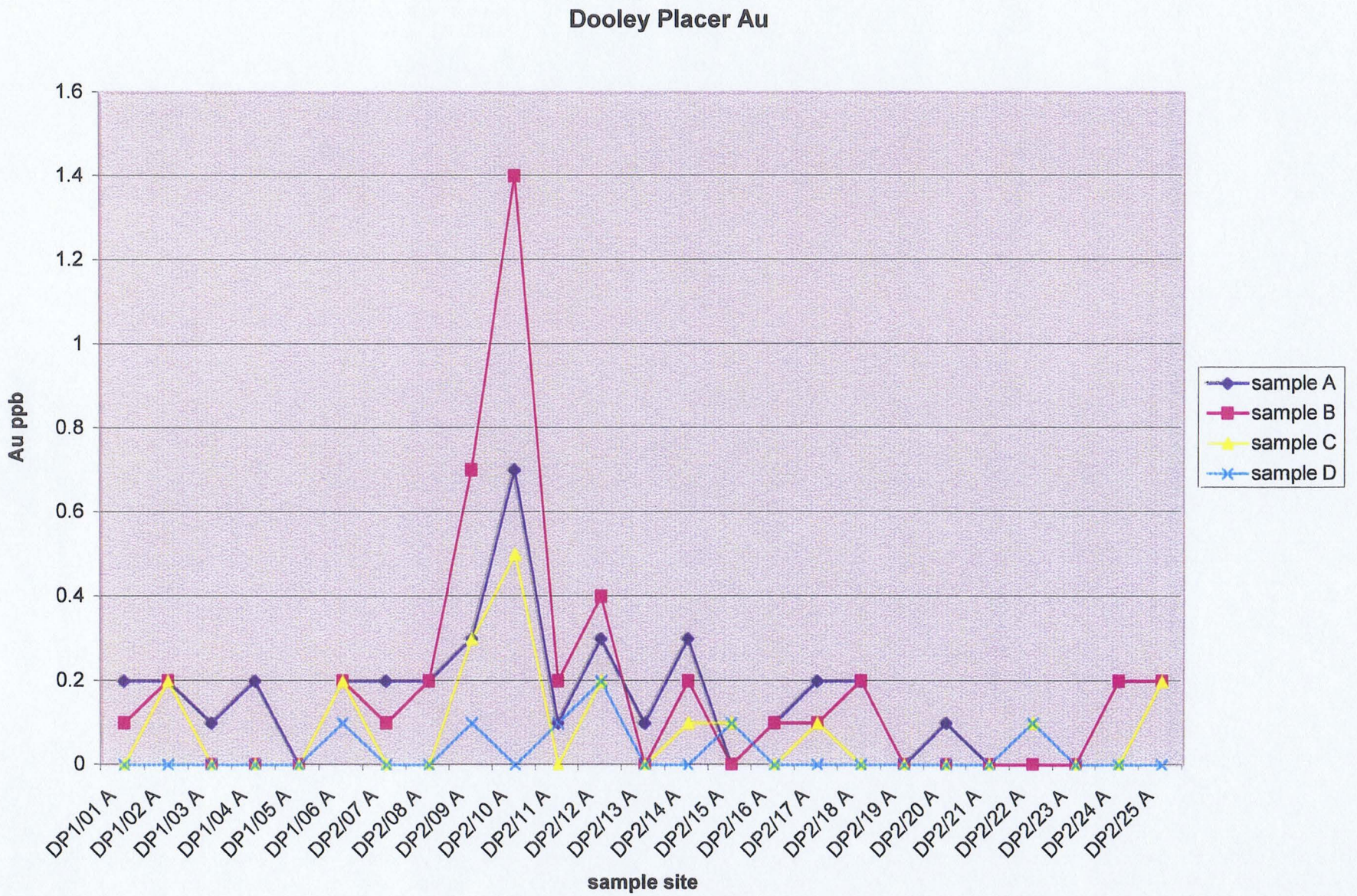
DP2/10 : coincident Au-Ag anomaly for A and B samples, Pd-Co-Ni for C sample
DP2/12: elevated in Ni for samples A and B
DP2/14: elevated silver in sample B, elevated Nin in sample D
DP2/16: sample A high Ni, sample B high Ni-Co, sample C high Co
DP2/17: elevated I for samples A, C and D w elevated Co in C
DP2/24: elevated Co in A, Ni-Co in B
DP2/25: elevated Ni-Co in B, Ni in C

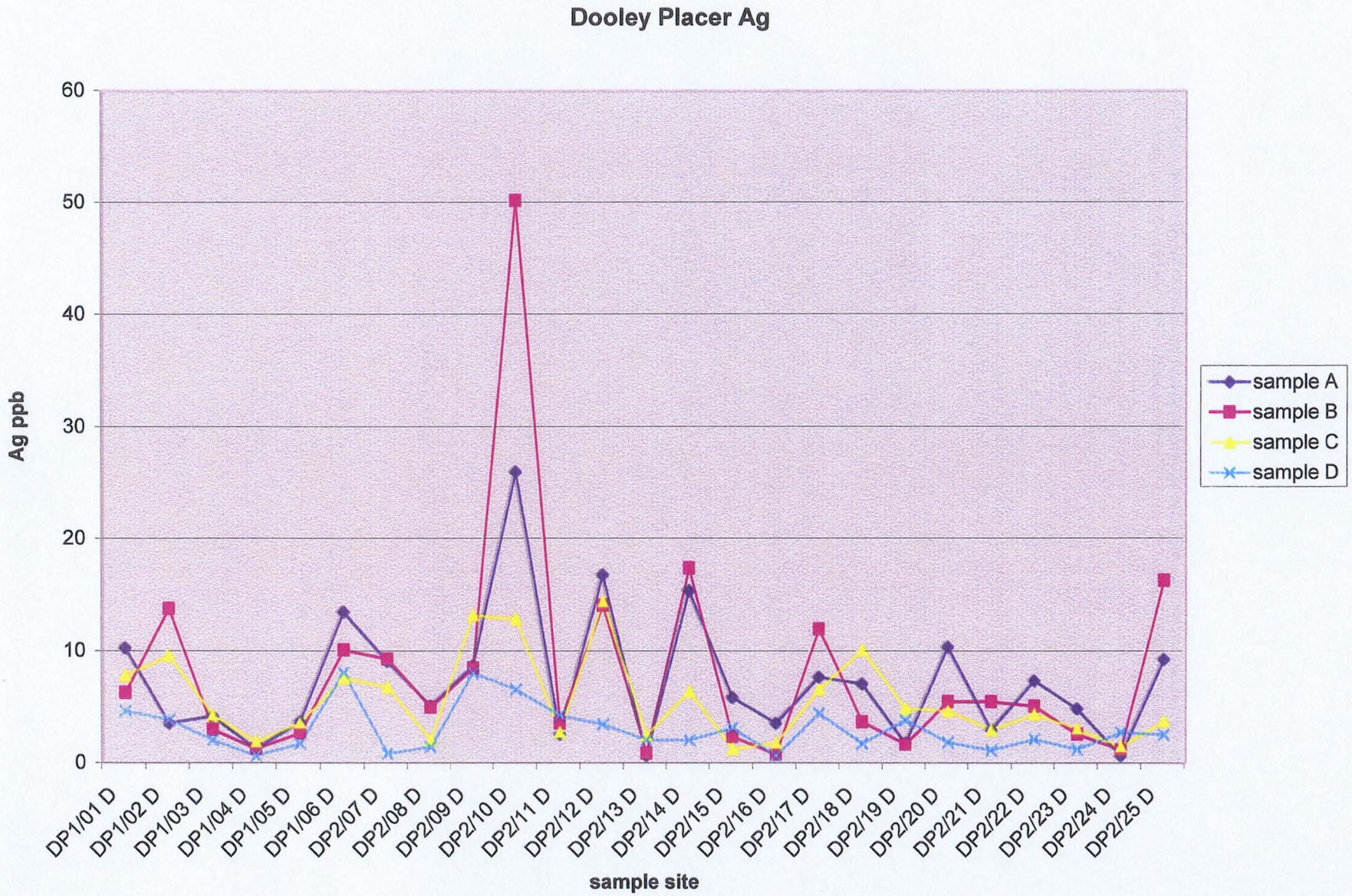
what about analyzing for Cu to help refine anomalies?

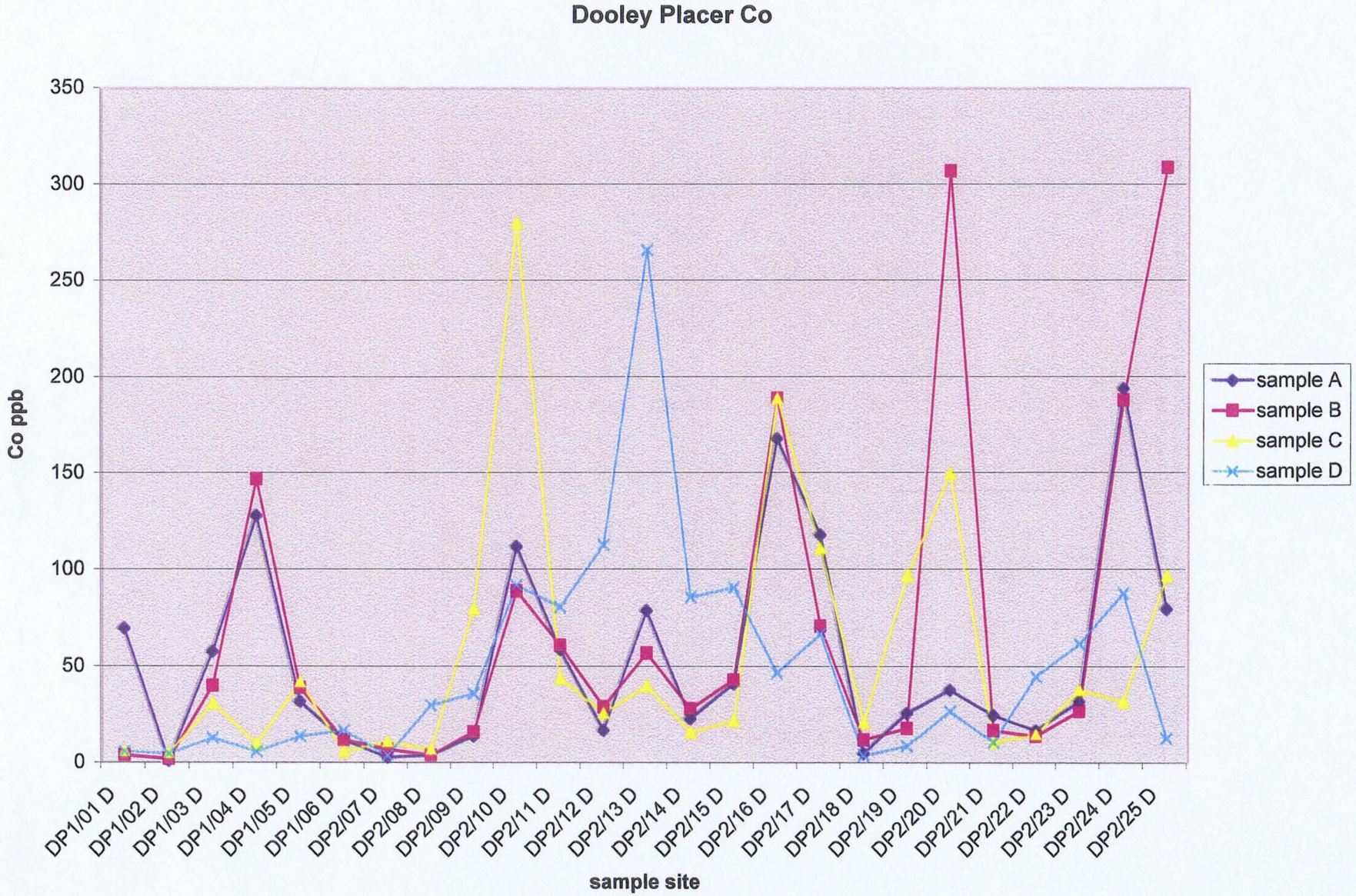
| ANALYTE | | Au | Ag | Pd | Co | Ni |
|---|---|---|---|---|---|---|
| METHOD | | MMI-B5 | MMI-B5 | MMI-B5 | MMI-B5 | MMI-B5 |
| DETECTION | | 0.1 | 0.1 | 0.1 | 1 | 3 |
| UNITS | | PPB | PPB | PPB | PPB | PPB |
| DP1/01 A | a | 0.2 | 10.3 | <0.1 | 70 | **388** |
| DP1/02 A | a | 0.2 | 3.6 | <0.1 | 1 | 20 |
| DP1/03 A | a | 0.1 | 4.2 | <0.1 | 58 | 73 |
| DP1/04 A | a | 0.2 | 1.3 | <0.1 | **128** | 29 |
| DP1/05 A | a | <0.1 | 3.7 | 0.1 | 32 | 60 |
| DP1/06 A | a | 0.2 | 13.5 | 0.2 | 12 | 184 |
| DP2/07 A | a | 0.2 | 9.1 | 0.1 | 3 | 74 |
| DP2/08 A | a | 0.2 | 5.1 | <0.1 | 4 | 178 |
| DP2/09 A | a | 0.3 | 8.7 | 0.2 | 14 | 72 |
| DP2/10 A | a | **0.7** | **26** | 0.3 | 112 | 176 |
| DP2/11 A | a | 0.1 | 2.6 | <0.1 | 59 | 181 |
| DP2/12 A | a | 0.3 | 16.8 | 0.1 | 17 | **790** |
| DP2/13 A | a | 0.1 | 0.7 | <0.1 | 79 | 311 |
| DP2/14 A | a | 0.3 | 15.4 | <0.1 | 23 | 272 |
| DP2/15 A | a | <0.1 | 5.9 | <0.1 | 41 | 260 |
| DP2/16 A | a | 0.1 | 3.6 | <0.1 | 168 | **404** |
| DP2/17 A | a | 0.2 | 7.7 | <0.1 | 118 | **413** |
| DP2/18 A | a | 0.2 | 7.1 | <0.1 | 5 | 59 |
| DP2/19 A | a | <0.1 | 1.8 | <0.1 | 26 | 50 |
| DP2/20 A | a | 0.1 | 10.4 | <0.1 | 38 | 50 |
| DP2/21 A | a | <0.1 | 3 | <0.1 | 25 | 59 |
| DP2/22 A | a | <0.1 | 7.4 | <0.1 | 17 | 66 |
| DP2/23 A | a | <0.1 | 4.9 | <0.1 | 32 | 164 |
| DP2/24 A | a | 0.2 | 0.7 | <0.1 | **194** | 307 |
| DP2/25 A | a | 0.2 | 9.3 | <0.1 | 80 | 201 |
| *median* | | *0.2* | *5.9* | *0.15* | *32* | *176* |
| | | | | | | |
| DP1/01 B | b | 0.1 | 6.3 | <0.1 | 4 | 132 |
| DP1/02 B | b | 0.2 | 13.8 | <0.1 | 2 | 26 |
| DP1/03 B | b | <0.1 | 3 | <0.1 | 40 | 56 |
| DP1/04 B | b | <0.1 | 1.3 | <0.1 | 147 | 38 |
| DP1/05 B | b | <0.1 | 2.7 | <0.1 | 39 | 51 |
| DP1/06 B | b | 0.2 | 10.1 | <0.1 | 12 | 242 |
| DP2/07 B | b | 0.1 | 9.3 | 0.2 | 7 | 111 |
| DP2/08 B | b | 0.2 | 5 | <0.1 | 4 | 117 |
| DP2/09 B | b | 0.7 | 8.5 | 0.2 | 16 | 84 |
| **DP2/10 B** | b | **1.4** | **50.2** | 0.4 | 89 | 94 |
| DP2/11 B | b | 0.2 | 3.6 | <0.1 | 61 | 196 |
| DP2/12 B | b | 0.4 | 14.1 | 0.1 | 29 | **544** |
| DP2/13 B | b | <0.1 | 0.9 | <0.1 | 57 | 183 |
| DP2/14 B | b | 0.2 | **17.4** | <0.1 | 28 | 263 |
| DP2/15 B | b | <0.1 | 2.4 | <0.1 | 43 | **443** |
| **DP2/16 B** | b | 0.1 | 0.8 | <0.1 | **189** | **440** |
| DP2/17 B | b | 0.1 | 12 | <0.1 | 71 | 284 |
| DP2/18 B | b | 0.2 | 3.7 | <0.1 | 12 | 50 |
| DP2/19 B | b | <0.1 | 1.7 | <0.1 | 18 | 59 |
| DP2/20 B | b | <0.1 | 5.5 | <0.1 | **307** | 53 |

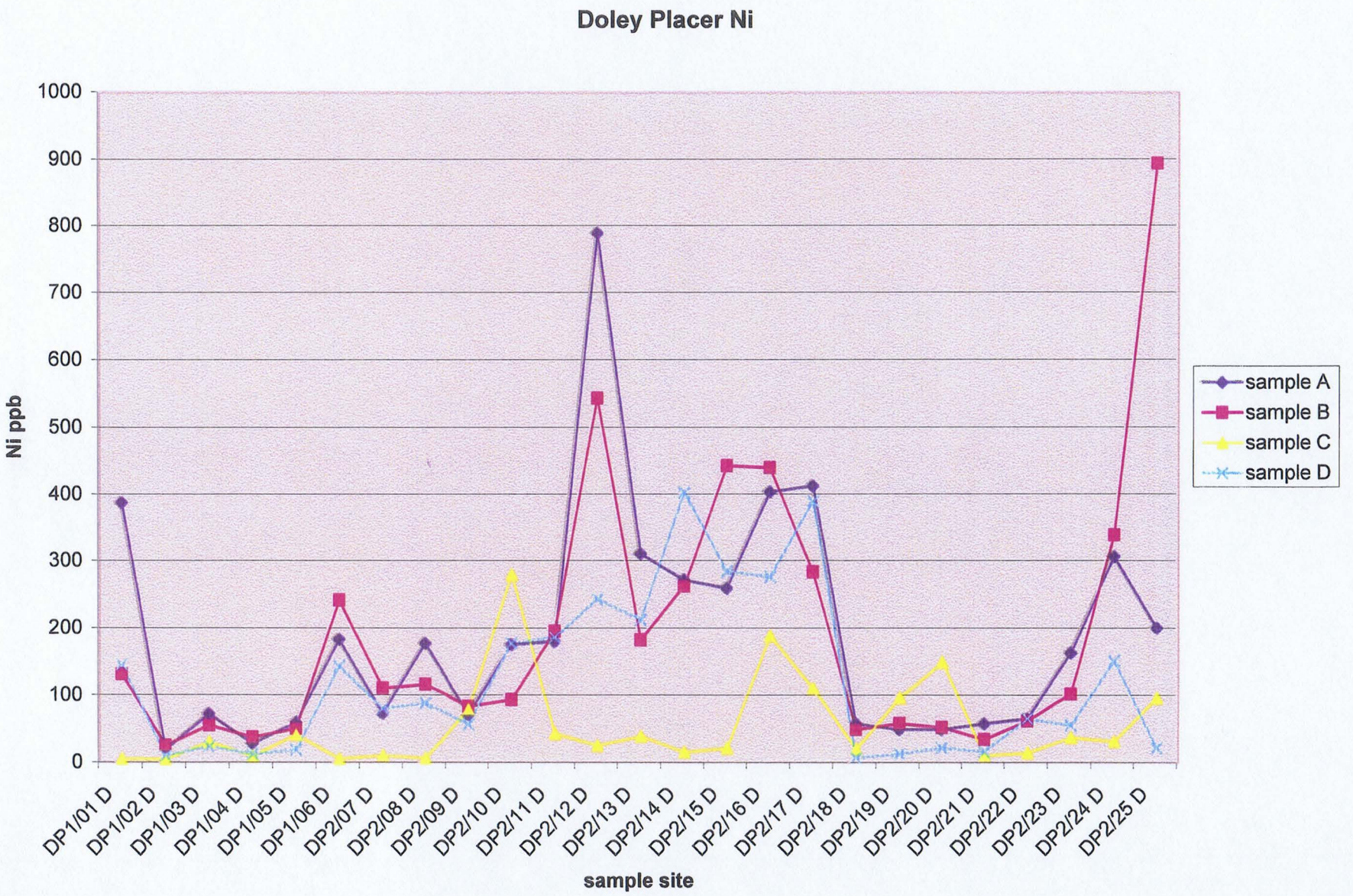
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DP2/21 B | b | <0.1 | | 5.5 | <0.1 | | 17 | 35 |
| DP2/22 B | b | <0.1 | | 5.1 | <0.1 | | 14 | 63 |
| DP2/23 B | b | <0.1 | | 2.6 | <0.1 | | 27 | 103 |
| **DP2/24 B** | b | | 0.2 | 1.2 | <0.1 | | **188** | **339** |
| **DP2/25 B** | b | | 0.2 | 16.3 | | 0.3 | **309** | **894** |
| *median* | | | *0.2* | *5.1* | | *0.2* | *29* | *111* |
| | | | | | | | | |
| DP1/01 C | c | <0.1 | | 7.8 | <0.1 | | 6 | 87 |
| DP1/02 C | c | | 0.2 | 9.6 | | 0.2 | 5 | 42 |
| DP1/03 C | c | <0.1 | | 4.3 | <0.1 | | 31 | 52 |
| DP1/04 C | c | <0.1 | | 1.9 | <0.1 | | 10 | 20 |
| DP1/05 C | c | <0.1 | | 3.6 | <0.1 | | 42 | 26 |
| DP1/06 C | c | | 0.2 | 7.6 | <0.1 | | 6 | 166 |
| DP2/07 C | c | <0.1 | | 6.8 | <0.1 | | 11 | 135 |
| DP2/08 C | c | <0.1 | | 2.1 | <0.1 | | 7 | 84 |
| DP2/09 C | c | | 0.3 | 13.2 | | 0.1 | 80 | 113 |
| **DP2/10 C** | c | | 0.5 | 12.9 | | **0.9** | **280** | **368** |
| DP2/11 C | c | <0.1 | | 2.8 | <0.1 | | 44 | 185 |
| DP2/12 C | c | | 0.2 | 14.4 | <0.1 | | 26 | 245 |
| DP2/13 C | c | <0.1 | | 2.5 | <0.1 | | 40 | 127 |
| DP2/14 C | c | | 0.1 | 6.4 | <0.1 | | 16 | 219 |
| DP2/15 C | c | | 0.1 | 1.3 | <0.1 | | 22 | **357** |
| DP2/16 C | c | <0.1 | | 1.8 | <0.1 | | **189** | 257 |
| **DP2/17 C** | c | | 0.1 | 6.6 | <0.1 | | **111** | **320** |
| DP2/18 C | c | <0.1 | | 10.1 | <0.1 | | 21 | 59 |
| DP2/19 C | c | <0.1 | | 4.9 | <0.1 | | 97 | 53 |
| DP2/20 C | c | <0.1 | | 4.7 | <0.1 | | **150** | 46 |
| DP2/21 C | c | <0.1 | | 3 | <0.1 | | 11 | 19 |
| DP2/22 C | c | | 0.1 | 4.4 | <0.1 | | 15 | 98 |
| DP2/23 C | c | <0.1 | | 3.1 | <0.1 | | 38 | 87 |
| DP2/24 C | c | <0.1 | | 1.5 | <0.1 | | 32 | 104 |
| DP2/25 C | c | | 0.2 | 3.8 | <0.1 | | 97 | **438** |
| *median* | | | *0.2* | *4.4* | | *0.2* | *31* | *104* |
| | | | | | | | | |
| DP1/01 D | d | <0.1 | | 4.7 | <0.1 | | 6 | 146 |
| DP1/02 D | d | <0.1 | | 3.9 | <0.1 | | 5 | 11 |
| DP1/03 D | d | <0.1 | | 2.1 | <0.1 | | 13 | 25 |
| DP1/04 D | d | <0.1 | | 0.7 | <0.1 | | 6 | 13 |
| DP1/05 D | d | <0.1 | | 1.8 | <0.1 | | 14 | 20 |
| DP1/06 D | d | | 0.1 | **8.1** | <0.1 | | 17 | 144 |
| DP2/07 D | d | <0.1 | | 0.9 | <0.1 | | 4 | 81 |
| DP2/08 D | d | <0.1 | | 1.5 | <0.1 | | 30 | 89 |
| DP2/09 D | d | | 0.1 | **8.1** | <0.1 | | 36 | 58 |
| DP2/10 D | d | <0.1 | | **6.6** | <0.1 | | 92 | 178 |
| DP2/11 D | d | | 0.1 | 4.3 | <0.1 | | 81 | 187 |
| **DP2/12 D** | d | | 0.2 | 3.5 | <0.1 | | **113** | 244 |
| **DP2/13 D** | d | <0.1 | | 2.1 | <0.1 | | **266** | 213 |
| **DP2/14 D** | d | <0.1 | | 2.1 | <0.1 | | 86 | **403** |
| DP2/15 D | d | | 0.1 | 3.2 | <0.1 | | 91 | 285 |
| DP2/16 D | d | <0.1 | | 0.7 | <0.1 | | 47 | 277 |
| **DP2/17 D** | d | <0.1 | | 4.5 | <0.1 | | 67 | **390** |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DP2/18 D | d | <0.1 | | 1.8 | <0.1 | | 4 | 8 |
| DP2/19 D | d | <0.1 | | 3.9 | <0.1 | | 9 | 14 |
| DP2/20 D | d | <0.1 | | 1.9 | <0.1 | | 27 | 23 |
| DP2/21 D | d | <0.1 | | 1.2 | <0.1 | | 11 | 17 |
| DP2/22 D | d | | 0.1 | 2.2 | <0.1 | | 45 | 66 |
| DP2/23 D | d | <0.1 | | 1.3 | <0.1 | | 62 | 57 |
| DP2/24 D | d | <0.1 | | 2.8 | <0.1 | | 88 | 152 |
| DP2/25 D | d | <0.1 | | 2.6 | <0.1 | | 13 | 23 |
| *median* | | | *0.1* | *2.2* | | *#NUM!* | *30* | *81* |


Dooley Placer Au
Au ppb
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
DP1/01 A
DP1/02 A
DP1/03 A
DP1/04 A
DP1/05 A
DP1/06 A
DP2/07 A
DP2/08 A
DP2/09 A
DP2/10 A
DP2/11 A
DP2/12 A
DP2/13 A
DP2/14 A
DP2/15 A
DP2/16 A
DP2/17 A
DP2/18 A
DP2/19 A
DP2/20 A
DP2/21 A
DP2/22 A
DP2/23 A
DP2/24 A
DP2/25 A
sample site
sample A
sample B
sample C
sample D


Dooley Placer Ag
Ag ppb
60
50
40
30
20
10
0
DP1/01 D
DP1/02 D
DP1/03 D
DP1/04 D
DP1/05 D
DP1/06 D
DP2/07 D
DP2/08 D
DP2/09 D
DP2/10 D
DP2/11 D
DP2/12 D
DP2/13 D
DP2/14 D
DP2/15 D
DP2/16 D
DP2/17 D
DP2/18 D
DP2/19 D
DP2/20 D
DP2/21 D
DP2/22 D
DP2/23 D
DP2/24 D
DP2/25 D
sample site
sample A
sample B
sample C
sample D


Dooley Placer Co
Co ppb
350
300
250
200
150
100
50
0
DP1/01 D
DP1/02 D
DP1/03 D
DP1/04 D
DP1/05 D
DP1/06 D
DP2/07 D
DP2/08 D
DP2/09 D
DP2/10 D
DP2/11 D
DP2/12 D
DP2/13 D
DP2/14 D
DP2/15 D
DP2/16 D
DP2/17 D
DP2/18 D
DP2/19 D
DP2/20 D
DP2/21 D
DP2/22 D
DP2/23 D
DP2/24 D
DP2/25 D
sample site
sample A
sample B
sample C
sample D


Doley Placer Ni
Ni ppb
1000
900
800
700
600
500
400
300
200
100
0
DP1/01 D
DP1/02 D
DP1/03 D
DP1/04 D
DP1/05 D
DP1/06 D
DP2/07 D
DP2/08 D
DP2/09 D
DP2/10 D
DP2/11 D
DP2/12 D
DP2/13 D
DP2/14 D
DP2/15 D
DP2/16 D
DP2/17 D
DP2/18 D
DP2/19 D
DP2/20 D
DP2/21 D
DP2/22 D
DP2/23 D
DP2/24 D
DP2/25 D
sample site
sample A
sample B
sample C
sample D

# APPENDIX - E

# CERTIFICATES OF ANALYSIS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHO
Tanana Exploration Inc.
Acme file # A607838 Received: OCT 27 2006 * 12 samples in this disk file.
Analysis: GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM TOTAL SAMPLE, ANALYSIS BY I

| ELEMENT | Au** | Sample |
|---|---|---|
| SAMPLES | mg | gm |
| GP-8 | 8.241 | 122.42 |
| GP-9 | 1.936 | 74.43 |
| GP-10 | 3.338 | 108.98 |
| GP-11 | 5.01 | 61.74 |
| GP-12 | 6.824 | 93.16 |
| GP-13 | 1.362 | 89.73 |
| GP-14 | 4.775 | 106.49 |
| GP-15 | 2.224 | 91.25 |
| GP-16 | 9.026 | 137.28 |
| GP-17 | 8.998 | 103.16 |
| MHS-1PC | 0.439 | 250.6 |
| MHS-2PC | 1.292 | 293.14 |

10 GRADE PIT SAMPLES FROM DOOLEY PLACER GP-8 TO GP-17 ANALIZED FOR TOTAL GOLD CONTENT

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHO
Tanana Exploration Inc. PROJECT MOOSEHORN
Acme file # A604447 Received: JUL 24 2006 * 7 samples in this disk file.
Analysis: GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM TOTAL SAMPLE, ANALYSIS BY I

| ELEMENT | Au** | Sample |
|---|---|---|
| SAMPLES | gm/mt | gm |
| GPIT-1 | 9.44 | 19.7 |
| GPIT-2 | 0.74 | 73.3 |
| GPIT-3 | 133.74 | 442.1 |
| GPIT-4 | 23.85 | 51 |
| GPIT-5 | 1.36 | 67.1 |
| GPIT-6 | 24.12 | 383 |
| GPIT-7 | 96.28 | 315.6 |

7 Grade Pit Samples From Dooley Placer Analized As Part of Moosehorn Project For Total gold content

# 089809 DOOLEY PLACER

| ANALYTE | Au | Ag | Pd | Co | Ni |
|---|---|---|---|---|---|
| METHOD | MMI-B5 | MMI-B5 | MMI-B5 | MMI-B5 | MMI-B5 |
| DETECTIC | 0.1 | 0.1 | 0.1 | 1 | 3 |
| UNITS | PPB | PPB | PPB | PPB | PPB |
| DP1/01 A | 0.2 | 10.3 | <0.1 | 70 | 388 |
| DP1/01 B | 0.1 | 6.3 | <0.1 | 4 | 132 |
| DP1/01 C | <0.1 | 7.8 | <0.1 | 6 | 87 |
| DP1/01 D | <0.1 | 4.7 | <0.1 | 6 | 146 |
| DP1/02 A | 0.2 | 3.6 | <0.1 | 1 | 20 |
| DP1/02 B | 0.2 | 13.8 | <0.1 | 2 | 26 |
| DP1/02 C | 0.2 | 9.6 | 0.2 | 5 | 42 |
| DP1/02 D | <0.1 | 3.9 | <0.1 | 5 | 11 |
| DP1/03 A | 0.1 | 4.2 | <0.1 | 58 | 73 |
| DP1/03 B | <0.1 | 3 | <0.1 | 40 | 56 |
| DP1/03 C | <0.1 | 4.3 | <0.1 | 31 | 52 |
| DP1/03 D | <0.1 | 2.1 | <0.1 | 13 | 25 |
| DP1/04 A | 0.2 | 1.3 | <0.1 | 128 | 29 |
| DP1/04 B | <0.1 | 1.3 | <0.1 | 147 | 38 |
| DP1/04 C | <0.1 | 1.9 | <0.1 | 10 | 20 |
| DP1/04 D | <0.1 | 0.7 | <0.1 | 6 | 13 |
| DP1/05 A | <0.1 | 3.7 | 0.1 | 32 | 60 |
| DP1/05 B | <0.1 | 2.7 | <0.1 | 39 | 51 |
| DP1/05 C | <0.1 | 3.6 | <0.1 | 42 | 26 |
| DP1/05 D | <0.1 | 1.8 | <0.1 | 14 | 20 |
| DP1/06 A | 0.2 | 13.5 | 0.2 | 12 | 184 |
| DP1/06 B | 0.2 | 10.1 | <0.1 | 12 | 242 |
| DP1/06 C | 0.2 | 7.6 | <0.1 | 6 | 166 |
| DP1/06 D | 0.1 | 8.1 | <0.1 | 17 | 144 |
| DP2/07 A | 0.2 | 9.1 | 0.1 | 3 | 74 |
| DP2/07 B | 0.1 | 9.3 | 0.2 | 7 | 111 |
| DP2/07 C | <0.1 | 6.8 | <0.1 | 11 | 135 |
| DP2/07 D | <0.1 | 0.9 | <0.1 | 4 | 81 |
| DP2/08 A | 0.2 | 5.1 | <0.1 | 4 | 178 |
| DP2/08 B | 0.2 | 5 | <0.1 | 4 | 117 |
| DP2/08 C | <0.1 | 2.1 | <0.1 | 7 | 84 |
| DP2/08 D | <0.1 | 1.5 | <0.1 | 30 | 89 |
| DP2/09 A | 0.3 | 8.7 | 0.2 | 14 | 72 |
| DP2/09 B | 0.7 | 8.5 | 0.2 | 16 | 84 |
| DP2/09 C | 0.3 | 13.2 | 0.1 | 80 | 113 |
| DP2/09 D | 0.1 | 8.1 | <0.1 | 36 | 58 |
| DP2/10 A | 0.7 | 26 | 0.3 | 112 | 176 |
| DP2/10 B | 1.4 | 50.2 | 0.4 | 89 | 94 |
| DP2/10 C | 0.5 | 12.9 | 0.9 | 280 | 368 |
| DP2/10 D | <0.1 | 6.6 | <0.1 | 92 | 178 |
| DP2/11 A | 0.1 | 2.6 | <0.1 | 59 | 181 |
| DP2/11 B | 0.2 | 3.6 | <0.1 | 61 | 196 |
| DP2/11 C | <0.1 | 2.8 | <0.1 | 44 | 185 |
| DP2/11 D | 0.1 | 4.3 | <0.1 | 81 | 187 |
| DP2/12 A | 0.3 | 16.8 | 0.1 | 17 | 790 |
| DP2/12 B | 0.4 | 14.1 | 0.1 | 29 | 544 |
| DP2/12 C | 0.2 | 14.4 | <0.1 | 26 | 245 |
| DP2/12 D | 0.2 | 3.5 | <0.1 | 113 | 244 |

| | | | | | | |
|---|---|---|---|---|---|---|
| DP2/13 A | | 0.1 | 0.7 | <0.1 | 79 | 311 |
| DP2/13 B | <0.1 | | 0.9 | <0.1 | 57 | 183 |
| DP2/13 C | <0.1 | | 2.5 | <0.1 | 40 | 127 |
| DP2/13 D | <0.1 | | 2.1 | <0.1 | 266 | 213 |
| DP2/14 A | | 0.3 | 15.4 | <0.1 | 23 | 272 |
| DP2/14 B | | 0.2 | 17.4 | <0.1 | 28 | 263 |
| DP2/14 C | | 0.1 | 6.4 | <0.1 | 16 | 219 |
| DP2/14 D | <0.1 | | 2.1 | <0.1 | 86 | 403 |
| DP2/15 A | <0.1 | | 5.9 | <0.1 | 41 | 260 |
| DP2/15 B | <0.1 | | 2.4 | <0.1 | 43 | 443 |
| DP2/15 C | | 0.1 | 1.3 | <0.1 | 22 | 357 |
| DP2/15 D | | 0.1 | 3.2 | <0.1 | 91 | 285 |
| DP2/16 A | | 0.1 | 3.6 | <0.1 | 168 | 404 |
| DP2/16 B | | 0.1 | 0.8 | <0.1 | 189 | 440 |
| DP2/16 C | <0.1 | | 1.8 | <0.1 | 189 | 257 |
| DP2/16 D | <0.1 | | 0.7 | <0.1 | 47 | 277 |
| DP2/17 A | | 0.2 | 7.7 | <0.1 | 118 | 413 |
| DP2/17 B | | 0.1 | 12 | <0.1 | 71 | 284 |
| DP2/17 C | | 0.1 | 6.6 | <0.1 | 111 | 320 |
| DP2/17 D | <0.1 | | 4.5 | <0.1 | 67 | 390 |
| DP2/18 A | | 0.2 | 7.1 | <0.1 | 5 | 59 |
| DP2/18 B | | 0.2 | 3.7 | <0.1 | 12 | 50 |
| DP2/18 C | <0.1 | | 10.1 | <0.1 | 21 | 59 |
| DP2/18 D | <0.1 | | 1.8 | <0.1 | 4 | 8 |
| DP2/19 A | <0.1 | | 1.8 | <0.1 | 26 | 50 |
| DP2/19 B | <0.1 | | 1.7 | <0.1 | 18 | 59 |
| DP2/19 C | <0.1 | | 4.9 | <0.1 | 97 | 53 |
| DP2/19 D | <0.1 | | 3.9 | <0.1 | 9 | 14 |
| DP2/20 A | | 0.1 | 10.4 | <0.1 | 38 | 50 |
| DP2/20 B | <0.1 | | 5.5 | <0.1 | 307 | 53 |
| DP2/20 C | <0.1 | | 4.7 | <0.1 | 150 | 46 |
| DP2/20 D | <0.1 | | 1.9 | <0.1 | 27 | 23 |
| DP2/21 A | <0.1 | | 3 | <0.1 | 25 | 59 |
| DP2/21 B | <0.1 | | 5.5 | <0.1 | 17 | 35 |
| DP2/21 C | <0.1 | | 3 | <0.1 | 11 | 19 |
| DP2/21 D | <0.1 | | 1.2 | <0.1 | 11 | 17 |
| DP2/22 A | <0.1 | | 7.4 | <0.1 | 17 | 66 |
| DP2/22 B | <0.1 | | 5.1 | <0.1 | 14 | 63 |
| DP2/22 C | | 0.1 | 4.4 | <0.1 | 15 | 98 |
| DP2/22 D | | 0.1 | 2.2 | <0.1 | 45 | 66 |
| DP2/23 A | <0.1 | | 4.9 | <0.1 | 32 | 164 |
| DP2/23 B | <0.1 | | 2.6 | <0.1 | 27 | 103 |
| DP2/23 C | <0.1 | | 3.1 | <0.1 | 38 | 87 |
| DP2/23 D | <0.1 | | 1.3 | <0.1 | 62 | 57 |
| DP2/24 A | | 0.2 | 0.7 | <0.1 | 194 | 307 |
| DP2/24 B | | 0.2 | 1.2 | <0.1 | 188 | 339 |
| DP2/24 C | <0.1 | | 1.5 | <0.1 | 32 | 104 |
| DP2/24 D | <0.1 | | 2.8 | <0.1 | 88 | 152 |
| DP2/25 A | | 0.2 | 9.3 | <0.1 | 80 | 201 |
| DP2/25 B | | 0.2 | 16.3 | 0.3 | 309 | 894 |
| DP2/25 C | | 0.2 | 3.8 | <0.1 | 97 | 438 |
| DP2/25 D | <0.1 | | 2.6 | <0.1 | 13 | 23 |

| | | | | | | |
|---|---|---|---|---|---|---|
| DUP-DP1/( | 0.1 | 9.6 | <0.1 | | 82 | 426 |
| DUP-DP1/( | <0.1 | 1.4 | <0.1 | | 143 | 38 |
| DUP-DP2/( | 0.1 | 11.4 | <0.1 | | 4 | 87 |
| DUP-DP2/· | 0.5 | 21.9 | | 0.4 | 97 | 154 |
| DUP-DP2/· | 0.1 | 0.7 | <0.1 | | 84 | 349 |
| DUP-DP2/· | <0.1 | 3.3 | <0.1 | | 172 | 446 |
| DUP-DP2/· | <0.1 | 1.7 | <0.1 | | 20 | 45 |
| DUP-DP2/; | <0.1 | 8.8 | <0.1 | | 15 | 63 |
| DUP-DP2/; | 0.2 | 11.4 | <0.1 | | 91 | 245 |

# APPENDIX - F

# STATEMENT OF COSTS

TANANA EXPLORATION INC.
27 Tutshi; Whitehorse, Yukon Y1A 3R4

July 30, 2006

# STATEMENT OF COST

Project: Dooley Placer
Client: Neil Regimbald; Box 31514; Whitehorse, Yukon Y1A 6K8

Type of Report: Property Examination and Evaluation – Phase 1 - MMI Survey

a) Wages: three men @ $300.0/ per day/per man
No. of days: eight
Total Wages: $7,200.0

b) Food: three men @ $35.0 per man per day
No of days: eight
Total cost: $840.0

c) Equipment Rental:
Type of equipment: 4x4 truck x 2; boat & trailer
No of days: 8
Rate per day: Boat- $200.0/day; Truck – 2 @ $0.42/kilometer – 1628km
Dates: June 27 – July 4, 2006
Total cost: $2,283.76

d) Field Supplies
Total cost: $150.0

e) Analysis:
Shipping to Toronto and assessing of samples
Total cost: $2,544.0

f) Preparation of report - $150.00

Cost: $13,167.76 + GST: $790.06 = TOTAL COST: $ 13,957.82

TANANA EXPLORATION INC.
27 Tutshi; Whitehorse, Yukon Y1A 3R4

Oct. 30, 2006

# STATEMENT OF COST

Project: Dooley Placer
Client: Neil Regimbald; Box 31514; Whitehorse, Yukon Y1A 6K8

Type of Report: Property Examination and Evaluation – Phase 2 – Grade Survey

a) Wages: two men @ $300.0/ day, one man @ $150.0/day
No. of days: seven
Total Wages: $5,250.0

b) Food: three men @ $35.0 per man per day
No of days: seven
Total cost: $735.0

c) Equipment Rental:
Type of equipment: 4x4 truck x 2; boat & trailer
No of days: seven
Rate per day: Boat- $200.0/day; Truck – 2 @ $0.42/kilometer – 1628km
Dates: June 27 – July 4, 2006
Total cost: $2,083.76

d) Field Supplies
Total cost: $150.0

e) Analysis:
Shipping to Vancouver and assessing of samples
Total cost: $1,200.0

f) Preparation of report - $150.00

Cost: $9,568.76 + GST: $574.12 = TOTAL COST: $ 10,142.88

## APPENDIX - G

## STATEMENT OF QUALIFICATIONS

## WADE S. CARRELL

I am self-employed as President of Tanana Exploration Inc., which carries out reconnaissance prospecting and geological surveys of quartz and placer properties in the Yukon and Northern B.C.
I have 15 years prospecting and exploration experience in Alberta, B.C., N.W.T. and Yukon.
Completed Yukon Chamber of Mines "Basic Prospecting Coarse(1993)" and "Advanced Prospecting Coarse(1994 & 1998)", Cordilleran Roundup VMS short coarse (1999), Geoscience Forum Gemstone short coarse, etc.
Recent discoveries: Big Top VMS project (1997); Fox VMS property (1999); Spice gold prospect (2001), under option to Klondike Gold Corp. (2004); Clark/Cameron deposits (2001), under option to CMC Metals (2006); Moosehorn gold prospect (2006); King Lake Copper – porphyry prospect (2006).

I reside at 27 Tutshi Road, Whitehorse, and have been a resident of the Yukon since 1981.

I supervised the work on the Dawn Creek property.

I hold no interest in the above-mentioned property.

W. S. CARRELL - President

**STATEMENT OF QUALIFICATIONS**
**FOR**
**NEIL V. REGIMBALD**

- **Thirty (30) years prospecting and exploration experience in Yukon, British Columbia and N. W. T.**

- **Extensive personal, industry and management experience working with private companies and as an independent prospector on various hard-rock and placer projects ( Dooley placer claims – Mayo Lake, Yukon, 1989 to present).**

- **Majority (51%) owner of Goody Bin Enterprises Ltd., a registered Yukon business eligible for the 25% Yukon Mineral Exploration Tax Credit (YMTEC).**

- **I reside at Braeburn Lake, and have been a resident of the Yukon since 1956. I have well-established local industry and retired former industry contacts.**

- **I will undertake the work on the fore-mentioned properties.**

**N. V. Regimbald - Contractor**

SGS

# Certificate of Analysis

**Work Order: 089809**

**To: Tanana Explorations Inc.**
Attn: Wade Carrell
27 Tutshi Rd.
WHITEHORSE
YUKON Y1A 3R4

Date: Aug 16, 2006

| | | |
|---|---|---|
| P.O. No. | : | DOOLEY PLACER / TANANA EXPL |
| Project No. | : | DEFAULT |
| No. Of Samples | | 100 |
| Date Submitted | | Jul 18, 2006 |
| Report Comprises | | Pages 1 to 4<br>(Inclusive of Cover Sheet) |

**Distribution of unused material:**

5 ts

Certified By :

Stuart Lam
Operations Manager

***ISO 9002 REGISTERED***
***ISO 17025 Accredited for Specific Tests. SCC No. 456***

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable
I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method
*M* after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Subject to SGS General Terms and Conditions

SGS

# Final : 089809 Order: DOOLEY PLACER / TANANA EXPL



| Element | Au | Ag | Pd | Co | Ni |
|---|---|---|---|---|---|
| Method | MMI-B5 | MMI-B5 | MMI-B5 | MMI-B5 | MMI-B5 |
| Det.Lim. | 0.1 | 0.1 | 0.1 | 1 | 3 |
| Units | PPB | PPB | PPB | PPB | PPB |
| DP1/01 A | 0.2 | 10.3 | <0.1 | 70 | 388 |
| DP1/01 B | 0.1 | 6.3 | <0.1 | 4 | 132 |
| DP1/01 C | <0.1 | 7.8 | <0.1 | 6 | 87 |
| DP1/01 D | <0.1 | 4.7 | <0.1 | 6 | 146 |
| DP1/02 A | 0.2 | 3.6 | <0.1 | 1 | 20 |
| DP1/02 B | 0.2 | 13.8 | <0.1 | 2 | 26 |
| DP1/02 C | 0.2 | 9.6 | 0.2 | 5 | 42 |
| DP1/02 D | <0.1 | 3.9 | <0.1 | 5 | 11 |
| DP1/03 A | 0.1 | 4.2 | <0.1 | 58 | 73 |
| DP1/03 B | <0.1 | 3.0 | <0.1 | 40 | 56 |
| DP1/03 C | <0.1 | 4.3 | <0.1 | 31 | 52 |
| DP1/03 D | <0.1 | 2.1 | <0.1 | 13 | 25 |
| DP1/04 A | 0.2 | 1.3 | <0.1 | 128 | 29 |
| DP1/04 B | <0.1 | 1.3 | <0.1 | 147 | 38 |
| DP1/04 C | <0.1 | 1.9 | <0.1 | 10 | 20 |
| DP1/04 D | <0.1 | 0.7 | <0.1 | 6 | 13 |
| DP1/05 A | <0.1 | 3.7 | 0.1 | 32 | 60 |
| DP1/05 B | <0.1 | 2.7 | <0.1 | 39 | 51 |
| DP1/05 C | <0.1 | 3.6 | <0.1 | 42 | 26 |
| DP1/05 D | <0.1 | 1.8 | <0.1 | 14 | 20 |
| DP1/06 A | 0.2 | 13.5 | 0.2 | 12 | 184 |
| DP1/06 B | 0.2 | 10.1 | <0.1 | 12 | 242 |
| DP1/06 C | 0.2 | 7.6 | <0.1 | 6 | 166 |
| DP1/06 D | 0.1 | 8.1 | <0.1 | 17 | 144 |
| DP2/07 A | 0.2 | 9.1 | 0.1 | 3 | 74 |
| DP2/07 B | 0.1 | 9.3 | 0.2 | 7 | 111 |
| DP2/07 C | <0.1 | 6.8 | <0.1 | 11 | 135 |
| DP2/07 D | <0.1 | 0.9 | <0.1 | 4 | 81 |
| DP2/08 A | 0.2 | 5.1 | <0.1 | 4 | 178 |
| DP2/08 B | 0.2 | 5.0 | <0.1 | 4 | 117 |
| DP2/08 C | <0.1 | 2.1 | <0.1 | 7 | 84 |
| DP2/08 D | <0.1 | 1.5 | <0.1 | 30 | 89 |
| DP2/09 A | 0.3 | 8.7 | 0.2 | 14 | 72 |
| DP2/09 B | 0.7 | 8.5 | 0.2 | 16 | 84 |
| DP2/09 C | 0.3 | 13.2 | 0.1 | 80 | 113 |
| DP2/09 D | 0.1 | 8.1 | <0.1 | 36 | 58 |
| DP2/10 A | 0.7 | 26.0 | 0.3 | 112 | 176 |
| DP2/10 B | 1.4 | 50.2 | 0.4 | 89 | 94 |
| DP2/10 C | 0.5 | 12.9 | 0.9 | 280 | 368 |
| DP2/10 D | <0.1 | 6.6 | <0.1 | 92 | 178 |
| DP2/11 A | 0.1 | 2.6 | <0.1 | 59 | 181 |
| DP2/11 B | 0.2 | 3.6 | <0.1 | 61 | 196 |
| DP2/11 C | <0.1 | 2.8 | <0.1 | 44 | 185 |
| DP2/11 D | 0.1 | 4.3 | <0.1 | 81 | 187 |
| DP2/12 A | 0.3 | 16.8 | 0.1 | 17 | 790 |
| DP2/12 B | 0.4 | 14.1 | 0.1 | 29 | 544 |
| DP2/12 C | 0.2 | 14.4 | <0.1 | 26 | 245 |
| DP2/12 D | 0.2 | 3.5 | <0.1 | 113 | 244 |

SGS

# Final : 089809 Order: DOOLEY PLACER / TANANA EXPL



| Element | Au | Ag | Pd | Co | Ni |
|---|---|---|---|---|---|
| Method | MMI-B5 | MMI-B5 | MMI-B5 | MMI-B5 | MMI-B5 |
| Det.Lim. | 0.1 | 0.1 | 0.1 | 1 | 3 |
| Units | PPB | PPB | PPB | PPB | PPB |
| DP2/13 A | 0.1 | 0.7 | <0.1 | 79 | 311 |
| DP2/13 B | <0.1 | 0.9 | <0.1 | 57 | 183 |
| DP2/13 C | <0.1 | 2.5 | <0.1 | 40 | 127 |
| DP2/13 D | <0.1 | 2.1 | <0.1 | 266 | 213 |
| DP2/14 A | 0.3 | 15.4 | <0.1 | 23 | 272 |
| DP2/14 B | 0.2 | 17.4 | <0.1 | 28 | 263 |
| DP2/14 C | 0.1 | 6.4 | <0.1 | 16 | 219 |
| DP2/14 D | <0.1 | 2.1 | <0.1 | 86 | 403 |
| DP2/15 A | <0.1 | 5.9 | <0.1 | 41 | 260 |
| DP2/15 B | <0.1 | 2.4 | <0.1 | 43 | 443 |
| DP2/15 C | 0.1 | 1.3 | <0.1 | 22 | 357 |
| DP2/15 D | 0.1 | 3.2 | <0.1 | 91 | 285 |
| DP2/16 A | 0.1 | 3.6 | <0.1 | 168 | 404 |
| DP2/16 B | 0.1 | 0.8 | <0.1 | 189 | 440 |
| DP2/16 C | <0.1 | 1.8 | <0.1 | 189 | 257 |
| DP2/16 D | <0.1 | 0.7 | <0.1 | 47 | 277 |
| DP2/17 A | 0.2 | 7.7 | <0.1 | 118 | 413 |
| DP2/17 B | 0.1 | 12.0 | <0.1 | 71 | 284 |
| DP2/17 C | 0.1 | 6.6 | <0.1 | 111 | 320 |
| DP2/17 D | <0.1 | 4.5 | <0.1 | 67 | 390 |
| DP2/18 A | 0.2 | 7.1 | <0.1 | 5 | 59 |
| DP2/18 B | 0.2 | 3.7 | <0.1 | 12 | 50 |
| DP2/18 C | <0.1 | 10.1 | <0.1 | 21 | 59 |
| DP2/18 D | <0.1 | 1.8 | <0.1 | 4 | 8 |
| DP2/19 A | <0.1 | 1.8 | <0.1 | 26 | 50 |
| DP2/19 B | <0.1 | 1.7 | <0.1 | 18 | 59 |
| DP2/19 C | <0.1 | 4.9 | <0.1 | 97 | 53 |
| DP2/19 D | <0.1 | 3.9 | <0.1 | 9 | 14 |
| DP2/20 A | 0.1 | 10.4 | <0.1 | 38 | 50 |
| DP2/20 B | <0.1 | 5.5 | <0.1 | 307 | 53 |
| DP2/20 C | <0.1 | 4.7 | <0.1 | 150 | 46 |
| DP2/20 D | <0.1 | 1.9 | <0.1 | 27 | 23 |
| DP2/21 A | <0.1 | 3.0 | <0.1 | 25 | 59 |
| DP2/21 B | <0.1 | 5.5 | <0.1 | 17 | 35 |
| DP2/21 C | <0.1 | 3.0 | <0.1 | 11 | 19 |
| DP2/21 D | <0.1 | 1.2 | <0.1 | 11 | 17 |
| DP2/22 A | <0.1 | 7.4 | <0.1 | 17 | 66 |
| DP2/22 B | <0.1 | 5.1 | <0.1 | 14 | 63 |
| DP2/22 C | 0.1 | 4.4 | <0.1 | 15 | 98 |
| DP2/22 D | 0.1 | 2.2 | <0.1 | 45 | 66 |
| DP2/23 A | <0.1 | 4.9 | <0.1 | 32 | 164 |
| DP2/23 B | <0.1 | 2.6 | <0.1 | 27 | 103 |
| DP2/23 C | <0.1 | 3.1 | <0.1 | 38 | 87 |
| DP2/23 D | <0.1 | 1.3 | <0.1 | 62 | 57 |
| DP2/24 A | 0.2 | 0.7 | <0.1 | 194 | 307 |
| DP2/24 B | 0.2 | 1.2 | <0.1 | 188 | 339 |
| DP2/24 C | <0.1 | 1.5 | <0.1 | 32 | 104 |
| DP2/24 D | <0.1 | 2.8 | <0.1 | 88 | 152 |

SGS

# Final : 089809 Order: DOOLEY PLACER / TANANA EXPL



| Element | Au | Ag | Pd | Co | Ni |
|---|---|---|---|---|---|
| Method | MMI-B5 | MMI-B5 | MMI-B5 | MMI-B5 | MMI-B5 |
| Det.Lim. | 0.1 | 0.1 | 0.1 | 1 | 3 |
| Units | PPB | PPB | PPB | PPB | PPB |
| DP2/25 A | 0.2 | 9.3 | <0.1 | 80 | 201 |
| DP2/25 B | 0.2 | 16.3 | 0.3 | 309 | 894 |
| DP2/25 C | 0.2 | 3.8 | <0.1 | 97 | 438 |
| DP2/25 D | <0.1 | 2.6 | <0.1 | 13 | 23 |
| *Dup DP1/01 A | 0.1 | 9.6 | <0.1 | 82 | 426 |
| *Dup DP1/04 A | <0.1 | 1.4 | <0.1 | 143 | 38 |
| *Dup DP2/07 A | 0.1 | 11.4 | <0.1 | 4 | 87 |
| *Dup DP2/10 A | 0.5 | 21.9 | 0.4 | 97 | 154 |
| *Dup DP2/13 A | 0.1 | 0.7 | <0.1 | 84 | 349 |
| *Dup DP2/16 A | <0.1 | 3.3 | <0.1 | 172 | 446 |
| *Dup DP2/19 A | <0.1 | 1.7 | <0.1 | 20 | 45 |
| *Dup DP2/22 A | <0.1 | 8.8 | <0.1 | 15 | 63 |
| *Dup DP2/25 A | 0.2 | 11.4 | <0.1 | 91 | 245 |

No. DOOLEY PROJECT
Date JUNE 27/06 Page 01

MOBILIZE FROM WHITEHORSE TO DAWN GULCH ON MAYO LAKE.

ARRIVED 2:PM

NEIL & I SET UP CAMP.

IVAN STARTED DIGGING TEST PITS ON DOOLEY #2

WEATHER: RAIN COOL.

PERSONNEL: W. CANNEL, IVAN ELLASH, NEIL REGINBALD

No. DOOLEY PROJECT
Date JUNE 28/06 Page 02

IVAN, NEIL & I STAKED DOOLEY 7-9 PLACER CLAIMS

WENT TO MAYO TO REGISTER TRANSFER & GROUP CLAIMS.

RETURN TO DAWN GULCH 3:PM

IVAN NEIL & I DUG 3 PITS.

FINISHED: 7:PM

WEATHER: RAIN SHOWERS

No. DOOLEY PROJECT

Date JUNE 29/06 Page 03

LINE 1 EAST

NEIL, IVAN & I STARTED THE M.M.I. GEOCHEM SURVEY 9:AM.

PIT # DP1/01 DUG ON WEST SIDE OF DAWN CREEK 25 METERS WEST OF CAT ROAD SOUTH OF CAMP.

PIT # DP1/02 DUG ON WEST SIDE OF CAT ROAD S OF CAMP.

PIT # DP1/03 DUG 25 METERS EAST OF CAT ROAD S OF CAMP.

PITS 1-3 ALL dug TO A DEPTH OF 60 CM MINIMUM

THE LIVE ORGANICS ARE COMPRISED OF MOSS & LABRADOR

No. DOOLEY MMI SURVEY

Date JUNE 29/06 Page 04

LINE 1 EAST

TEA TO A DEPTH OF 20 CM

O-DATUM IS BLACK DEAD ORGANIC TO A DEPTH OF 10 CM

THE BALANCE OF EACH PIT IS FROZEN GRAVEL-CLAY RICH; TO BOTTOM OF PIT

PIT # DP1/04 Dug 50 METERS EAST OF CAT ROAD.

ORGANICS: MOSS, LAB TEA & BLA SPRUCE. 12 CM DEEP

O-DATUM: 10 CM BELOW ORGANI

FROZEN CLAY-RICH GRAVEL TO BOTTOM OF PIT.

No. Dooley MMI Survey
Date June 29/06 Page 05

LINE 1 EAST

PIT # DP1/05 Dug 75 meters East of CAT ROAD

ORGANICS: Black Spruce, Birch, Moss, Lab Tea 10 cm from surface.

O-Datum: 10 cm below Organ

Clay-rich sandy silt & gravel to bottom of pit.

PIT # DP1/06 Dug 100 m East of CAT ROAD on edge of Mayo Lk.

ORGANICS: Black spruce, moss & Lab Tea. 15 cm from S.

O-Datum: 10 cm below organics

Clay-rich silt & gravel to bottom of Pit.

No. Dooley MMI Survey
Date June 29/06 Page 06

LINE 2 EAST

PIT # DP2/07 Dug on West side of Dawn Cr. 100 m South of DP1/01

ORGANICS: Willow, moss & Black Spruce 10 c

O-Datum: 10 cm below organ Heavey Org in Dsam

Sandy gravel to bottom of P

PIT # DP2/08 Dug on East Dawn Cr. above placer work

ORGANICS: B Spruce, moss, Lab Alders 4 cm / surface

O-Datum: 10 cm thick; Die organic & soil

Sandy gravel to bottom of Pit

No. DOOLEY MMI SURVEY
Date JUNE 29/06 Page 07
LINE 2 EAST

PIT # DP2/09: DUG 25M EAST OF 08

ORGANICS: MOSS, GRASS, LAB TEA & B. SPRUCE 10CM - SURFACE

O- DATUM: DEAD ORG & SILT 10CM

SANDY GRAVEL TO BOTTOM OF PIT

PIT # DP2/10: 25M E OF 09

ORGANICS: B. SPRUCE, MOSS, LAB TEA FROZEN AT 4 CM.

O- DATUM: FROZEN GREY CLAY 10+ CM

FROZEN GREY CLAY, SILT & GRAVEL TO 50 CM.

No. DOOLEY MMI SURVEY
Date JULY 2/06 Page 08
LINE 2 EAST

PIT # DP2/11

ORGANICS: MOSS, LAB TEA & BLACK SPRUCE 10 CM

O- DATUM: BLACK ORGANIC & SILT TO 20CM

FROZEN GREY CLAY, SILT & GRAVEL TO 50 CM

PIT # DP2/12

ORGANICS: 10CM; MOSS, L. TEA, BLACK SPRUCE & WILLOW

O-DATUM: BLACK ORGANIC & SILT - 4 CM

BROWN - RUSTY SILT, SAND &

No. DOOLEY MMI SURVEY
Date JULY 2/06 Page 09
LINE 2 EAST

PIT #DP2/12 CONT

GRAVEL TO 50 CM.

FINISHED PITS DP2/11 - 13 ON JULY 2 TO LET FROST MELT.

PIT DP2/13

ORGANIC: MOSS, B. SPRUCE - 20 CM

O-DATUM: BLACK ORG & SILT 5 CM

FROZEN GREY SAND & SILT TO 50 CM

No. DOOLEY MMI SURVEY
Date JUNE 29/06 Page 10
LINE 2 EAST

PIT #DP2/14 DUG 185M EAST OF DP2/07

ORGANICS: MOSS, B. SPRUCE, LAB TEA & ALDERS 10CM -

O-DATUM: DEAD ORGANICS, SILT

SILTY - SANDY GRAVEL TO BOTTOM

PIT #DP2/15 25 METERS EAST OF DP2/14

- ORGANICS: MOSS, B. SPRUCE, WILLOW & LAB. TEA 15 CM -

O-DATUM: DEAD ORG & SILT 10CM

FROZEN SANDY GRAVEL TO BOTTOM

No. Dooley MMI Survey
Date June 29/06 Page 11

LINE 2 EAST

PIT # DP2/16

Org: 20 cm Moss & Willow

O-Datum Black Org & Silt 10cm

Frozen grey silt, sand & gravel to 50 cm.

PIT # DP2/17

Organic: Moss, Spruce & Alder 10 cm.

O-Datum Black Org & Silt 15cm

Frozen grey silt, sand & gravel to Bottom 50 cm

No. Dooley Pit Sampling
Date June 30/06 Page 12

Neil Ivan & I dug pit for grade sampling. Finished three pits 4' square by 3' deep. Hand going in partly frozen grounds. We will dig more tomorrow. The are fairly large boulders to 2' or more in the gravel.

Weather: Sunny & Warm

No. DOOLEY GRADE SAMPLING
Date JULY 1/06 Page 13

IVAN, NEIL & I DUG MORE PITS FOR GRADE SAMPLING

3 MORE PITS 4' SQUARE x 3' DEEP IN PARTIALLY FROZEN ORGANICS & GRAVEL. HAND DIGGING; BOULDERS TO 3' IN DIAMETER.

WEATHER: SUNNY & WARM

No. DOOLEY MMI SURVEY
Date JULY 2/06 Page 14

LINE 2 WEST

IVAN NEIL & I CONTINUED THE MMI ORIENTATION GEOCHEMICAL SURVEY 48M - THE WEST OF DP2/07.

PIT # DP2/18

ORGANICS: MOSS, LAB TEA BLACK SPRUCE.

O-DATUM: 4 CM

RUSTY, SANDY GRAVE TO BOT OF PIT.

PIT # DP2/19

ORGANICS: MOSS, LAB TEA 5

O-DATUM: BLACK DEAD Org & SILT 10 CM

LINE 2 WEST

DP2/19 cont.

Rusty - Sandy gravel to 50 cm

Pit # DP2/20

Organics: Moss, Lab Tea & Rose 10 cm

O-Datum: Black Dead Org & Silt 4 cm

Partially Frozen Brown - silt, clay & gravel to 50 cm.

Pit # DP2/21

Organics: Moss, Lab Tea & Alder 4 cm

O-Datum: Black-Dead Organic & Silt 5 cm



LINE 2 WEST

DP2/21 cont.

Brown silt, sand & c
-el to 50 cm partially froz

Pit # DP2/22

Organics: 10 cm - Moss, L

O-Datum: 10 cm - Black Dead & Silt

Frozen compact Black-silt sand & gravel to 50 cm

Pit # DP2/23

Organics: 10 cm - Moss & L-

O-Datum: 10 cm Black Dea organics & silt

PIT DP2/23 CONT.

FROZEN - BROWN SANDY GRAVEL TO 50 CM.

PIT # DP2/24

ORGANICS: MOSS, BLACK SPRUCE, LABRADOR TEA TO 10 CM.

O-DATUM: FROZEN BLACK - DEAD ORGANICS & SILT

FROZEN: BLACK SILTY SAND TO 50 CM

PIT # DP2/25

ORGANICS: MOSS, B. SPRUCE & LABRADOR TEA 15 CM



DP2/25 CONT.

O-DATUM: FROZEN BLACK DE
ORGANICS & SILT

FROZEN BLACK SILTY SAND TO 20 CM

FROZEN GREY BROWN SANDY - & GRAVEL TO 50 CM

I TOOK SLOPE READING ACCROSS THE WIDTH & LENGTH OF THE ALLUVIAL FAN, THAT EXTENDS FROM DOOLEY #4-#1 POST TO THE E OF MAYO LAKE ON DOOLEY

No. DOOLEY GRADE PITS
Date JULY 3/06 Page 19

G. PIT #1 DUG ON EAST SIDE OF DAWN CREEK 100 METERS SOUTH OF CAMP.

PIT IS FOUR FEET WIDE BY 3 FEET DEEP.

SAMPLE: 20 LITRES SCREENED TO 1/4 INCH

80 LITRES SCREENED TOTAL FROM BOTTOM OF PIT. = 4 PAILS

PAN CONCENTRATE PLACED IN KRAFT SED BAG TO DRY

SEVERAL FLAKES OF GOLD SEEN WHILE PANNING.

SANDY GRAVEL - BROWN

No. DOOLEY GRADE PI
Date JULY 3/06 Page 20

G. PIT #2 DUG ON EAS SIDE OF DAWN CREE 150 METERS SOUTH OF PIT #

PIT IS FOUR FEET WIDE BY THREE FEET DEEP

SAMPLE: 20 LITRES SCREEN TO 1/4"

60 LITRES SCREENED FROM BOTTOM OF PIT = 3 PAILS

PAN CON PLACED IN KRAI PAPER SED BAG TO DRY

A FEW GOLD FLAKES SEEN WHILE PANNING.

BROWN SANDY GRAVEL

No. DOOLEY GRADE PITS
Date JULY 3/06 Page 21

G. PIT #3 DUG ON EAST SIDE OF DAWN CR 15 METERS WEST OF PIT #2 ABOVE THE EASTERN PLACER CUT.

PIT IS 4' WIDE BY 3' DEEP

SAMPLE: 20 LITRES SCREENED TO 1/4"

60 LITRES FROM BOTTOM OF PIT TOTAL = 3 PAILS FOR 20 LITRES.

BROWN SANDY GRAVEL

PAN CON PLACED IN KRAFT PAPER SED BAG TO DRY

SEVERAL GOLD FLAKES SEEN WHILE PANNING

No. DOOLEY GRADE PITS
Date JULY 3/06 Page 22

G. PIT #4 DUG ON WES BANK OF DAWN

PIT IS 4' WIDE X 4' DE

SAMPLE; 20 LITRES SCREE TO 1/4"

80 LITRES TOTAL FROM B OF PIT = 4 PAILS

PAN CONCENTRATE PLACED KRAFT PAPER SED BAG TO

FLAKES OF GOLD SEEN WHILE PANNING

BROWN SANDY GRAVEL

No. Dooley Grade Pits
Date July 3/06 Page 23

G Pit #5 Dug on ~~East~~ West side of Dawn Creek at site of MMI Pit # DP2/18

Pit is Four' wide by 3' deep

Sample: 20 litres screened to 1/4"

80 litres screened = 4 pails

Rusty sand & gravel

Pan concentrate placed in Kraft paper sed bag to Day.

Flakes of gold seen while panning.

Weather: Overcast, showers

No. Dooley Grade Pi-
Date July 3/06 Page 24

G. Pit #6 Dug on We side of Dawn Gulc up the canyon above th top of the alluvial fan on Dooley # ~~5~~4

Pit is 4' wide by 3' deep

Sample: 20 litres @ 1/4"

100 litres @ 20L = 5 pails/Sa

Rusty Brown sand, gravel & Bc

Pan con in Kraft sed bag/ I

Abundant gold flakes/smal nuggets in pan con.

Much coarser black sand

No. DOOLEY GRADE PITTING
Date July 3/06 Page 25

G. PIT #7 DUG ON WEST SIDE OF DAWN GULCH NEAR THE TOP OF THE ALLUVIAL FAN ON DOOLEY #45

PIT IS 4' WIDE X 3' DEEP

SAMPLE: 20 LITRES @ 1/4"

80 LITRES ÷ 20L = 4 PAIL / SAMPLE

BROWN SAND & SCHIST GRAVEL

PAN CON IN KRAFT BAG TO DRY

FINE GOLD IN ABUNDANT BLACK SAND

FINE TO COARSE BLACK SAND.

WEATHER: BROKEN CLOUD & COOL @ 8:45 PM

No. DOOLEY SURVEY
Date July 4/06 Page 2

I GPS LOCATED THE TOP
THE ALLUVIAL FAN ON DOOL
AFAN-S - MOUTH OF CANY
ON DAWN GULCH

I GPS LOCATED THE EAST
LIMIT OF THE DAWN GULCH A
FAN WHERE IT MEETS MAYO
AFAN-E & AFAN-W

I TRIANGULATED THE DISTA
THE FAN IS 678 METERS W
AT THE BASE & 500 METER

THE BEDROCK DIPS AT 15°
NORTH AT THE PLACER CUT, DOO

GRAVEL EXPOSED ABOVE TH
BEDROCK IS 10 METERS DE
AND DIPS AT 15° N TO TH
LAKE.

No. Dooley Survey
Date July 4/06 Page 27

By multiplying the length x the width x the depth ~~and dividing by three~~ I calculate the cubic meters of gravel in the alluvial fan.

$678 \times 500 \times 10 \div 3 = 1,130,000\ m^3$ → 3,390

$3,390,000\ m^3 = 3,766,666\ yd^3$

Demobilized camp & return to Whitehorse

Pan concentrates from GPit #1 - GPit #7 were hung up to dry

MMI samples were packaged for shipping.

Weather: Broken cloud, showers - warm

No. Dooley Placer
Date July 6/06 Page 28

I dried the pan co on my stove at home removed the coarse go from each sample.

The coarse gold was re oved with tweezers & magnifying glass.

My scale is accurate 0.1 gram so I combine the coarse gold from all pits to get an average w

Note: GP-3, 6 & 7 contai about 75% of the coarse recovered.

No. Dooley Placer
Date Oct. 13/06 Page 01

Neil Reimbald, Jason Wilson & I mobilized to Mayo Lake, Yukon.

Jason & I dug one test pit while Neil set up camp.

Weather: Broken Cloud & Cool.

G. Pit #8 located on the East side of Dawn Gulch North of G. Pit #3.

3 pails screened to ½ to get 1 20 litre pail

No. Dooley Placer
Date Oct. 14/06 Page C

Neil, Jason & I. D

Three test pits on

West side of Dawn

The pits are 1 meter

wide by 1 meter I

Like the pits dug

usly in this area. Th

ground is partially f

There are cobbles &

dens to ½ meter & l

Weather: Cloudy, Cold & Li

S

No. DOOLEY PLACER
Date. OCT 15/06 Page. 03

NEIL, JASON & I DUG THREE MORE TEST PITS ON THE WEST SIDE OF DAWN GULCH.

WE SCREENED THE TILL TO ½" TO FILL 1/20 LITRE BUCKE

ALL SIX PITS ON THE WEST SIDE OF DAWN GULCH REQUIR ED 4 20 LITRE PAILS TO GET 1 PAIL FOR PANNING.

WEATHER: CLEAR - SUNNY COOL

No. DOOLEY PLACER
Date. OCT 16/06 Page. C

NEIL, JASON & I

THREE TEST PITS ON EAST SIDE OF DAWN G

PITS ARE DUG AT 25 SPACING ~~NORTH~~ SOUTH OF G

G. PIT #15 - 17 SCREEN

½" 60 LITRES TO GET 1/2

PAIL FOR PANNING.

WEATHER: CLEAR, SUN COOL

No. DOOLEY PLACER
Date OCT 17/06 Page 05

NEIL & I HEATED WATER AND PANNED THE CONCENTRATE AT CAMP.

JASON BACK FILLED THE GRADE PITS.

I TOOK PICTURES OF PITS #8 TO #14 BEFORE JAY COULD FILL THEM IN.

NEIL & I FINISHED PANNING SEVEN SAMPLES. THIS IS SLOW WORK BECAUSE OF HEATING WATER FOR PANNING

WEATHER: CLOUD - SUN & COLD

No. DOOLEY PLACER
Date OCT 18/06 Page 0

I WENT OUT & GPS
ATED THE GRADE PITS

NEIL & JASON FIN
PANNING THE CONCENT

THE WIND CAME UP FRI
IN THE AM

THE LAKE TOO ROUGH T
TRAVEL.

WE WILL DEMOBILIZE TO

WEATHER: CLEAR - COLD - L
SKIFF OF SNOW O
HIGHTS

No. Dooley Placer
Date Oct 19/06 Page 07

Neil, Jason & I closed up the camp & returned to Whitehorse. Arrived Whse at 5:20 pm. Except for the mountain tops there is no snow from Mayo Lake to Braeburn Lake.

Weather: Sunny & Cold in Mayo & Cloudy & cold in Whse.

No. Dooley Placer Follow
Date Oct 20/06 Page 08

I dried the pan cons
the grade pits on my s
at home.

I re packaged the samp
for shipping along wi
4 rock samples from K
Lake.

I Ivan, Neil & I toa
the season at the 20

Note: I removed the c
gold from each sa
with tweasers & magnifying gl
for weighing

No. DOOLEY PLACER
Date OCT 21/06 Page 09

No.
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I SHIPPED THE SAMPLES TO ACME LAB IN VANCOUVER

I COMBINED THE COARSE GOLD REMOVED FROM THE SAMPLES FOR WEIGHING.

NOTE: GP-8, 16 & 17 CARRIED 60% OF THE COARSE GOLD RECOVERED.

THE COMBINED WEIGHT OF COARSE GOLD I RECOVERED FROM 17 SAMPLE PITS IS 1.2 GRAMS FROM A 0.08 CUBIC METER SAMPLE SIZE. OR AN AVERAGE OF 0.882 g PER CUBIC METER.