

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 90.03.22

ASSESSMENT REPORT 18592

MINING DIVISION: Atlin

PROPERTY: Ehau

LOCATION: LAT 59 31 00 LONG 133 39 00
UTM 08 6598153 576395
NTS 104N04E

CAMP: 053 Atlin Camp

CLAIM(S): Ehau

OPERATOR(S): Wallis, W.B.

AUTHOR(S): Wallis, W.B.

REPORT YEAR: 1989, 12 Pages

KEYWORDS: Permian, Cache Creek Group, Chert, Limestone, Argillite

WORK

DONE: Prospecting

PROS 375.0 ha

Map(s) - 1; Scale(s) - 1:4800

LOG NO: 0403
ACTION:
FILE NO:

Prospecting Report
on the
EH-AU Claim
Atlin Mining District
Atlin B.C.

FILMED

For
William B. Wellis
Box 57
Atlin B.C. VOWLAO.

By
William B. Wellis
Box 57
Atlin B.C. VOWLAO.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

Prospector **18,592**

March 1989.

**GOLD COMMISSIONER
RECEIVED and RECORDED
MAR 22 1989
M.R. # _____
ATLIN, B.C.**

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TO WEST SEE M1

A. 11382

339

L 5478
1P2
ANNH

DEER
2787(12)
44-58

MAYBE 1
3086(8)
41-58

920(111)

WMT 2
3107(12)
55 x 40W

TRADE
L 337(5)
200(5)

L 0415
L 212(1)

Como
Lake

SIS #1
2490(6)

SIS #2
2491(6)

BALSAM
2318(6)

BAY VIEW
2588(4)
44 x 28

JACK 33FR.
2792(2)

21

L 510

JACK (D.P.)
2785(9)

UTOP
2178
44 x 42

WET 1
3106(12)
55 x 40W

ALSO
AL CENTRO 3
O/C 233 (05)
L 352 (11/40)

MINERAL RESERVE
O/C 3410, 16-10-70
NO STAKING

MINERAL RESERVE
O/C 1515
87-07-31

MINERAL RESERVE
O/C 2204, 4-7-74
NO STAKING

MINERAL RESERVE
O/C 84
81-01-15
NO STAKING

TARAHNE PARK
First I.
L 4372

Second I.
L 4371

Third I.
JACK 27
2748(10)
34 x 20W

YJ 5
2676(8)
55 x 40W
(12/29/60)

MINERAL RESERVE
O/C 1515
87-07-31
NO STAKING

AL CENTRO 3
O/C 233 (05)
L 352 (11/40)

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L 352 (11/40)

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O/C 233 (05)
L 352 (11/40)

AL CENTRO 3
O/C 233 (05)
L 352 (11/40)

ATLIN

A. 11379

348

MINERAL RESERVE
O/C 1882, 6-20-50
NO STAKING

JACK 28
2749(10)
35 x 30W

YJ 13
2682(8)
45 x 30W
(12/28/43)

MINERAL RESERVE
O/C 2063-2-78
NO STAKING

PORSCHE
2487(2)

S-2
13951
(12/10/40)

LAKE

BC 1364

MILLIONAIRE
L 844 2486(5)
44 x 20W

MONARCH
MTN.

ANNA (1) 1903 (6)	ANNA (2) 1904 (6)
ANNA (3) 1905 (6)	ANNA (4) 1906 (6)
ANNA (5) 1907 (6)	ANNA (6) 1908 (6)
ANNA (7) 1909 (6)	ANNA (8) 1910 (6)
ANNA (9) 1911 (6)	ANNA (10) 1912 (6)

S.J.C.
1996
(19)

392

A. 11390

Five Mile Pt.

Five
Mile
Bay

100

EHAU
2793(3)
34 x 28

394

BC 363

L 5456
1R3

LODEQUEST (2)
300B(7)
34 x 28W

BC 1498

4

INTRODUCTION

On the 23rd of March 1987 Mr. William B. Wallis staked a block of twelve units to cover the possible source of hard rock gold on Lina Creek.

Assessment work was paid in cash in lieu of work in the 1987 season.

Although road access is good to the EH-AU lease the major part of the property is extremely steep, on the most part it has a one to one grade. The area covered started in the canyon of Lina Creek where the geology is very well exposed, then to the right and left of the creek starting at the top of the canyon walls.

LOCATION and ACCESS

The EH-AU claim consists of a block of 12 units which effectively covers the canyon of Lina Creek and about half of the creek.

The area lies approximately 8 kilometers south east of the town of Atlin, just off the Warm Bay road, then via the Lina Creek Road for approximately one kilometer.

TOPOGRAPHY and VEGETATION

Although the claim area is located on the south slope of the Coast Range Mountains, the area is extremely steep.

Relief ranges from 1000 meters to 1400 meters. Tree line is approximately 1300 meters with the greatest amount of timber between 1200 and 1300 meters. Timber ranges from Pine, Spruce, Balsam, Poplar, Artic Birch and numerous short thick willows.

OWNERSHIP

The property consists of one 12 unit claim, staked under the modified grid system, and recorded in the name of William B. Wallis. Details are as follows.

PC

OWNERSHIP. contu.

<u>CLAIM NAME</u>	<u>NUMBER OF UNITS</u>	<u>RECORD NUMBER</u>	<u>EXPIRY DATE</u>
EH-AU	12	2793	March 29, 1989.

HISTORY

Placer gold was discovered in the Atlin Area sometime prior to 1897 and was recorded in 1898, coincidental with the Great Klondike Gold Rush.

In its peak year of 1898 the area boasted a population of 30,000 most of whom were actively engaged in either mining or prospecting.

Near the turn of the century, lode gold deposits were discovered to the north and to the East of the EH-AU Claim. To the north, the Yellow Jacket had an active underground in operation with up to twelve men in employ. The Gold View, to the East of the EH-AU Claim had a small underground operation. Lina Creek itself had Placer Leases which were in operation until the early 1980's.

GEOLOGY

The geology of the Atlin Area is well documented by J.D. Aitken in the Geological Survey of Canada, Memoir 307- 1959.

In summary, the Atlin Area is underlain by a complex of permian volcanics and metasedimentary rocks known as the Cache Creek Series. This series became known to the early prospectors as the "Gold Series" of rocks

All the rocks examined on the EH-AU Claim belong either to the volcanics or the Meta Sedimentary Series.

LITHOLOGY

The Lithology of the Area is best exposed on the canyon of Lina Creek on the EH-AU Claim. This indicates a basement structure of volcanics overlain by Meta-Sedimentary rocks.

PC

FIELD PROGRAM 1988.

A prospecting team of William E. Wallis and B. Wallis commenced on the first of June 1988. Abasic prospecting program was conducted over the claim area to determine whether any Gold Bearing veins could be found. Results of this proved geological interesting although no samples were taken at the time. On this program we oriented ourselves with the rock structures and the property in General. A sampling program is planned for the 1989 season. This program was completed on the 20th of June 1988.

FIELD PROGRAM

Lina Creek cuts the centre of the EH-AU claim. For the most part this creek runs at the bottom of a steeply sided canyon, with the bottom ranging between three meters and fifteen meters in width. The canyon walls range from twenty meters to fifty meters in height.

The creek bed is composed of glacier run boulders and gravel with the boulders ranging from a half a meter to six meters in diameter. Small placer operations were present on the creek up to eight years ago and the last placer post is approximately five hundred meters above the south boundary of the EH-AU claim.

Lina Creek is a classic example of ribbon bedded cherts, limestone, and argillaceous sediments.

The left bank of the canyon looking upstream is composed of thinly bedded cherts (ribbon bedded) weathered a greyish white, from creek level to a height of fifteen meters. This is overlain with a very altered limestone, nearly a quartzite, for about fifteen meters. The limestone is then covered with glacier run gravels with various depths up to twenty meters. The gravels are covered with grasses, arctic birch, spruce, pine, balsam, poplar and numerous willows. Ninety percent of the claim is on the south slope of Union Mountain and is extremely steep in most places.

At the lower end of Lina Creek, starting where the property line crosses the creek, a large grey-black carbonaceous quartz vein runs N.N.E. up the creek. Approximately five hundred meters upstream the vein dips beneath the overburden. This is the upper end of the placer leases. Just above this point a quartz porphyry vein drops off the canyon wall from the left, crosses the creek and continues up the right wall. On the left wall, where the vein starts it is about fifteen centimeters wide, crossing the creek it is a meter wide and up the right wall, it is a meter and a half wide. This vein is a very poor rusty, vuggy quartz and is quite rotten.

As it continues up the right wall of the canyon the vein turns and strikes nearly due east in the direction of the Gold View property, at the top of the mountain. This vein travels up the right wall for approximately three meters before it is covered with overburden.

This vein warrants extensive exploration and sampling in the 1989 summer season.

At a point a hundred or so meters upstream from the quartz porphyry vein, the ribbon bedded cherts stop and what appears to be a buff coloured poor quality fine grained rock appears. (possibly a Greywacke or a siltstone). I am not well versed in this type of alternation.

Twenty meters or so upstream from this contact is a very soft contact of Magnesite with crystals up to two centimeters in width. This Magnesite runs for about ten meters and then the rock changes again to volcanics with numerous quartz veins. (I would venture to say that at this point is the contact between the ultramafics and the volcanics).

This area also warrants further exploration and sampling in the 1989 season.

From this contact, upstream, bed rock is seldom seen as the overburden takes over. When rock is seen it is volcanics with numerous quartz veins.

PC

On the right hand slope of the claim, above the creek canyon, to the eastern boundary of the claim, the common rock is a very altered limestone. Through this limestone numerous quartz veins, up to a third of a meter, cut the rock and tend to strike east and west. These veins warrant sampling for gold.

The upper levels of the property are covered with glacier gravels, pine, balsam and willows. The very top of the property is low swamp land and bed rock is not to be found.

On the left side of the property, the lower side, from number one post, for six hundred meters or so, is swamp land, laced with dense black spruce and willows.

Towards the second post, the bed rock is seen again. This rock is a very altered limestone, nearly a quartzite. Quartz veins cut the rock but this time they strike nearly north and south.

Seven hundred meters above the second post the quartz veins strike in a east west direction.. In this area a tree covered ravine cuts the mountain in a south east direction and this I believe is a fault.

(It could be the south eastern extension of the Beavis Fault)

This area also warrants further exploration. The upper reaches of the property is tree covered and the very top of the property is swamp.

CONCLUSIONS

Preliminary prospecting indicates four zones of interest. These zones should prove by sampling and assaying that hard rock gold does exist on the EH-AU Claim. To date, no samples were taken to prove this but the 1989 season will prove that they exist in economic quantities.

The geological setting of the property is conducive to high grade gold. This property definitely warrants further work.

RECOMMENDATIONS Phase 1

Basic sampling.

2 men, 2 weeks, at \$200./day.....	\$ 4800.
Assaying, geochemical analysis	\$ 2000.
Total.....	\$ 6800.

PC

RECOMMENDATIONS Phase 2

If the results of Phase 1 are favourable, Phase two costs are detailed as follows.

Line grid cutting - 20km. @ \$ 300./km.	\$ 6000.
VLF - MAG survey 20km @ \$150./km	3000.
Truck rental	1500.
Tools and mag rental	<u>1000.</u>
Total	\$10,500.

PC

EXPENSES FOR THE 1988 SEASON

June 1st through to June 20th/88

Transportation and wages- two men @150/day\$6000.

Grub 400.

Total \$6400.

Wm B. Bellis

PC

STATEMENT of QUALIFICATIONS

I, WILLIAM B. WALLIS, SWEAR THAT I HAVE BEEN PROSPECTING SINCE 1964. IN 1965 I WORKED FOR QUEENS UNIVERSITY IN KINGSTON ONTARIO, PROSPECTING AN AREA IN ONTARIO FOR THE UNIVERSITY, FOR VIABLE DEPOSITS OF LIMESTONE AND SANDSTONE FOR THE USE OF BUILDING STONE FOR THE UNIVERSITY.

IN, 1982, I AND MY PARTNER PURCHASED FROM COMINCO LTD. THE "PER" LEASE IN THE ATLIN AREA AND HAVE ADDED THE GOPHER CLAIMS TO IT IN 1989. THIS IS A SILVER, LEAD, ZINC, TIN PROPERTY.

IN 1987, I AND MY PARTNER, STAKED THE "FOX CLAIMS" ON MT. VAUGHN, HERE IN THE ATLIN AREA, AND OPTIONED THEM TO HOMESTAKE MINERALS OF VANCOUVER, B.C.

IN 1988, I AND MY PARTNER B. WALLIS, FOUND AND PARTICALLY IDENTIFIED, (TOTAL IDENTIFICATION BY MR. BRUCE BALLANTYNE OF THE GEOLOGICAL SURVEY OF CANADA), THE ONLY DEPOSIT OF "WRIGGLITE" KNOWN IN NORTH AMERICA.

SIGNED *William B. Wallis*.....

WILLIAM. B. WALLIS.

LINDA 3465

S.T.C 1476

ATLIN LAKE

WARM BAY ROAD

ATLIN 8 KM



L. 160

I.R

QUARTZ VEINS



QUARTZ VEINS



FAULT



L.P.

SWAMP
DENSE SPRUCE

LODGE #2
3008

LINA CREEK ROAD

LINA CREEK

FAULT



QUARTZ PORPHYRY
VEIN

MAGNESITE VEIN

SWAMP

LOW LAND

#2

#3

#4

THE EH-AU PROPERTY
CLAIM NUMBER 2793
DRAWING BY W.M. B. WALLIS
OWNER
MARCH 1989.
SCALE - 1" = 400'
W.M. B. WALLIS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,592

LODGE #2
3007

L.P.
97

L.P.
97