

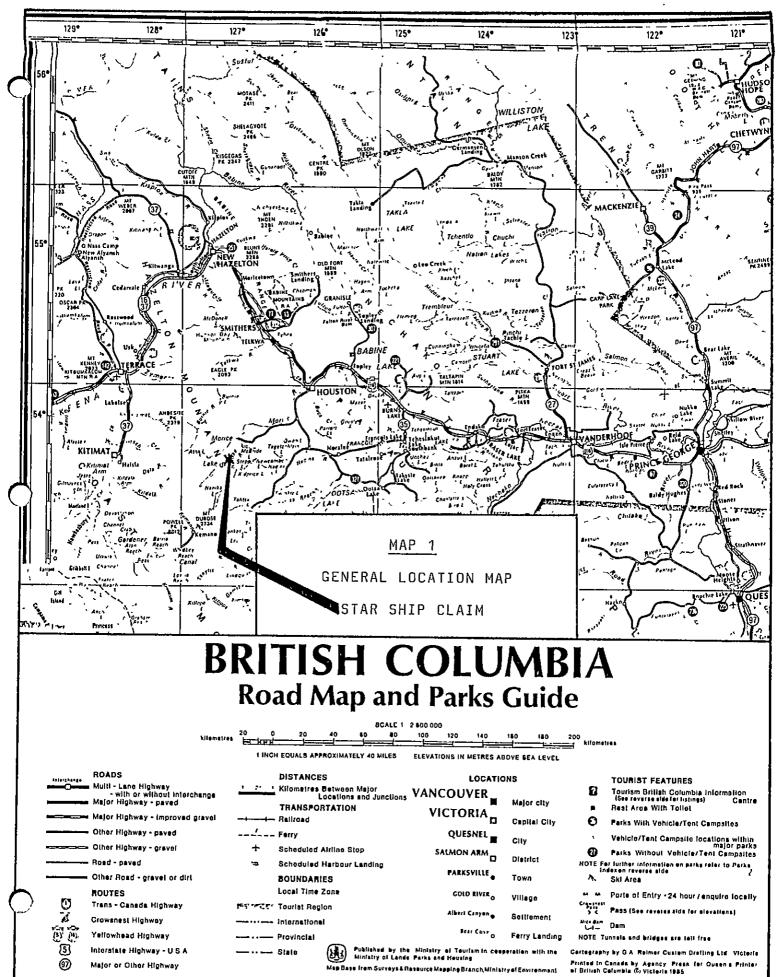
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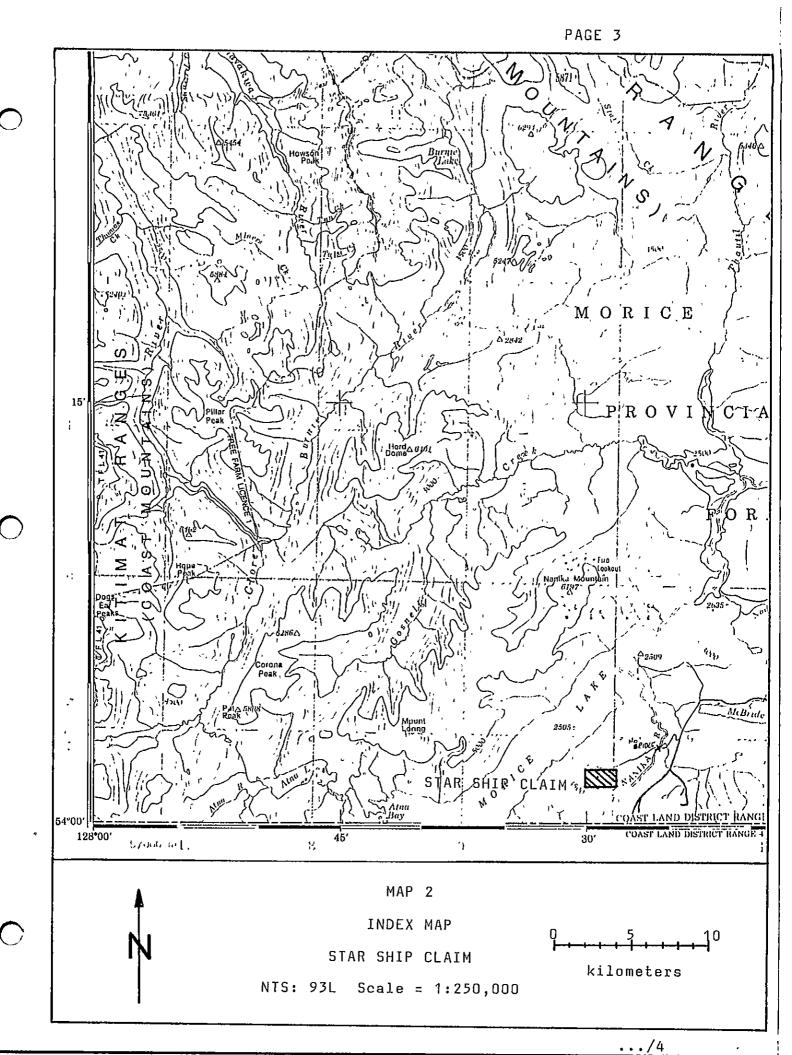
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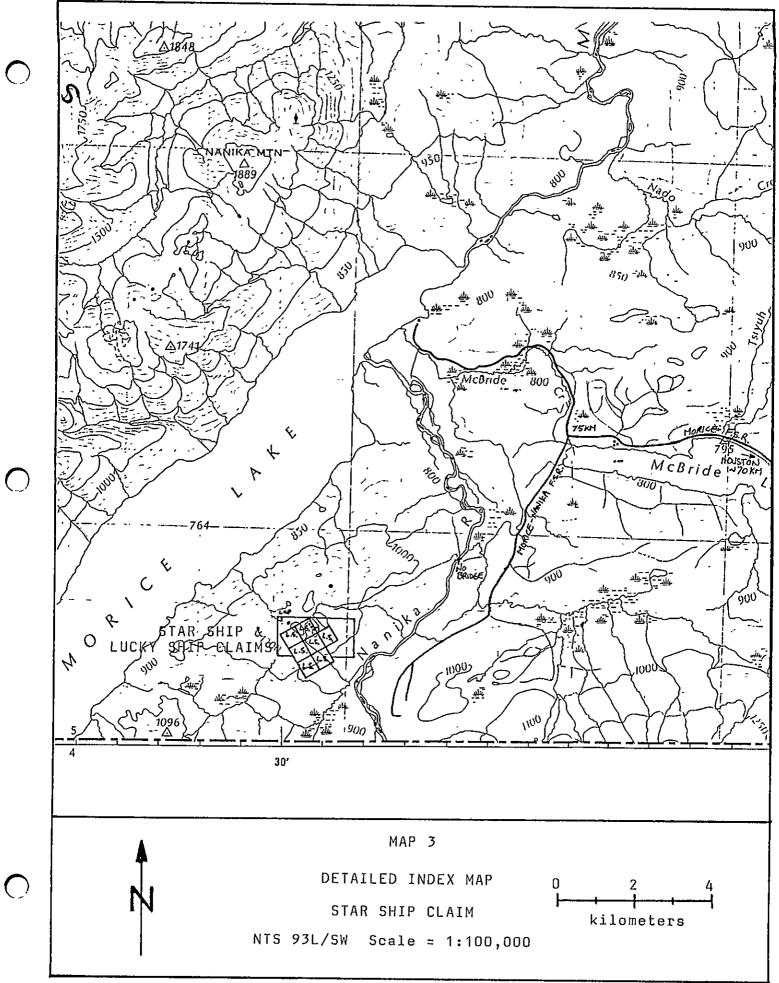
#### **INTRODUCTION:**

1. <u>Property Description</u>: The Star Ship property consists of a single metric grid claim - originally of 20 units (5Sx4E), subsequently reduced to 8 units (2Sx4E) - record number 7738 in the Omineca Mining Division. The anniversary date is August 5th, and with the application of the work reported on herein, the claim will be in good standing until 1990. The claim was staked on July 07, 1986 along with five 2-post Lucky Star claims, to cover the major portion of the Lucky Ship porphyry molybdenum deposit which became open ground when Canamax Resources allowed some of their Lucky Ship claims to forfeit. The 2-post Lucky Star claims were subsequently allowed to lapse as they covered common ground with the Star Ship claim. The recorded owners of the Star Ship claim are Eric A. Shaede of R.R. #1, Sicamous, B.C., VOE 2VO and Lorne B. Warren of P.O. Box 662, Smithers, B.C., VOJ 2NO.

2. Location and Access: The Star Ship claim is located at about 1200M elevation on top of a small mountain between Morice Lake and the Nanika River, approximately 70 km by air from Houston, B.C. The legal corner post is at the edge of a small swampy lake approximately 1km west of the old Lucky Ship property exploration camp. Maps 1,2 and 3 show the claim relative to highways, logging roads and topography. The only other claims in good standing in the area are seven old 2-post Lucky Ship claims (#27, #40-45incl.) owned by Canamax Resources. These claims are shown on Maps 3 and 4.







The claim area is presently accessable only by helicopter as the bridge across the Nanika River on the old Amax camp access road was washed out some years ago. In addition, the road is overgrown and it is not possible to ford the Nanika River because of steep banks and deep water. Good all-weather logging roads lead from Highway 16 at Houston to the Nanika River area where numerous sites are available for helicopter staging within a few minutes flying time from the claim. Access for this prospecting trip was via a Northern Mountain Helicopters aircraft which was operating in the area for Newmont Exploration Company. The old exploration camp site located on the Lucky Ship #40 claim was used as a basecamp and numerous suitable helicopter landing sites are present in the vicinity of this camp. Most of the old camp buildings have been destroyed by the ravages of weather but one small building remains in good condition and this was used for accomodation during the time spent on the property.

3. <u>Physiography</u>: The claim area is forest covered to a large extent with pine, spruce and hemlock timber. Underbrush is quite heavy in places and some of the old exploration roads are heavily overgrown with willows and brush. Relief is moderately steep on the south-east side of the property with elevation dropping from 1250M to 900M, Outcrop is quite plentiful on the property and considerable areas have been stripped and trenched by previous owners. A small lake at the camp site and several

small creeks provide sufficient water for camp and exploration purposes. Snowfall in the area is fairly heavy and the claim is probably snow-free only from July to October.

4. Previous Work: The Minfile reference number for the Lucky Ship Molybdenum deposit is 93L/053. The property was apparently discovered by M. Sam and B. McRae of Topley in 1957. Plateau Metals (now Wharf Resources) optioned the prospect in 1963 from the original owners and subsequently dealt the claims to Southwest Potash Corp. (Amax) who held the ground until 1986. During the 1960's, Amax did considerable work on the property including more than 35,000 feet of diamond drilling. Unfortunately none of their results have been published. Only a small amount of general geological information is available from public files and a published reserve figure of 20,000,000 tons @ 0.16% MoS2 is given as total geological reserves. The molybdenum mineralization is reported to be primarily associated with a small complex rhyolite porphyry intrusive plug which intrudes Hazelton group volcanic, pyroclastic and sedimentary rocks. The deposit has been compared to the Climax Colorado deposit, only being smaller in extent. The best available geological description of the deposit was found to be a 1:2400 scale geology map produced by Amax in 1967 and available in the B.C. Ministry of Mines. Open Property File in Victoria.

5. <u>Scope of Present Work</u>: The property was staked by the present owners as a precious metals exploration prospect with

the proven molybdenum resorves being of potential future value. The owners believe there is significant potential for the discovery of precious metals mineralization in vein deposits peripheral to the intrusive plug. Accordingly, in order to fulfill assessment work requirements, a small program of 8 man-days prospecting, covering an area of about 20 hectares, was carried out from July 21 to 24, 1987 inclusive. The prospecting work involved examination of outcrop and diamond drill core , with a total of 11 rock chip, 10 diamond drill core and 1 stream sediment samples being collected and analysed for gold (fire assay-AA det'n) and 30 elements by ICP.

#### **RESULTS AND DISCUSSION:**

The prospecting traverse routes and sample site locations are plotted on Map 4, which is a simplified reduced scale copy of the detailed 1:2400 scale geology/topographical map produced by Amax in 1967. A brief description of the character of each sample is given in Table 1 and a copy of the analyses certificate is included as Appendix 1.

The following is a brief description of the observations made during the prospecting traverses:

The road which leads west from the camp area was followed to its end some distance west of the Star Ship L.C.P.. Only minor amounts of outcrop occurs along the road cut and no mineralization was observed. At the end of the road, several shallow, overgrown trenches were found, mostly in glacial

overburden with no bedrock evident. One of the trenches contained some large angular boulders which may have been sub-outcrop, and a sample of this sparsely mineralized rock returned minor lead, zinc and silver values. An insufficient amount of time was spent in this area to fully assess the significance of the mineralization.

Two areas of outcrop noted on Amax's map as having quartz veining were investigated in the area northwest of the camp. Only one small area of very minor quartz veining was found. The few veins located were very narrow, discontinuous and contained only traces of sulfides. No samples were taken.

A, small outcrop of pyritic rock found near the junction of the west and main roads was sampled but the analyses showed it contained no base or precious metals values.

Road cuts, stripped outcrop and trenches on the small hill immediately east of the camp lake were closely examined in search of copper mineralization noted on Amax's map. However, only very minor chalcopyrite mineralization was found in a couple of locations. One selected sample gave a 0.55% copper analysis but none of the three samples taken in this area contained any significant amounts of gold or silver.

About 100 meters east of the southeast end of the camp lake a large area of heavily pyritized quartz-feldspar-porphyry is exposed in trenches and stripped areas. The two grab samples taken from this area contained low but definitely anomalous gold and silver values in addition to some copper and molybdenum.

Several hundred meters northeast of the camp lake, a small outcrop of quartz with massive pyrite and chalcopyrite was found on the edge of an old tractor trail road cut. The exact location of this outcrop was not determined as the road is not shown on the Amax map. The outcrop is heavily weathered and poorly exposed so that it was not possible to define the exact nature of the mineralization or its extent. A grab sample of the mineralized quartz returned significant copper, silver and gold values with anomalous lead, zinc, cobalt, molybdenum, arsenic, tungsten and bismuth analyses.

A traverse was made south from the main camp area to the main molybdenum ore zone and outcrop in that area and the area to the southwest was examined. An attempt was made to obtain some silt samples from several of the creeks but most were too steep and rocky and no silt could be obtained except for the lower portion of one small stream which was sampled. Two samples of quartz-feldspar-porphyry from the ore zone and vicinity gave only very low gold values but the sample from the ore zone carried 5.1 ppm of silver. The creek silt sample contained significant molybdenum as expected and was slightly anomalous in copper, silver and gold when compared to the regional data published for map area 93L.

The majority of the diamond drill core samples from the 35,000 feet of drilling done by Amax is stored on the Lucky Ship #40 claim where the camp is located. Unfortuantely, the core storage building has collapsed and in the process destroyed about half of the core. The other half of the core is still

accessable and is in fairly good condition. Selected portions of hole LS-68-19 were sampled to determine precious and trace element content. According to the Amax geology map, this hole was collared in tuffs and drilled through the ore zone. 10 foot sections of the split core were taken approximately every 150 feet in this hole to try to obtain a cross-sectional profile of the deposit. The analyses of these samples did not reveal any significant precious or base metal content.

A single piece of andesite with quartz and tetrahedrite was found in the pile of specimen rocks found near the core shack. The origin of this float is unknown. The sample contained good silver values but negligable gold.

#### CONCLUSION:

Based on the relatively limited amount of prospecting and sampling done to date, it appears that the main molybdenum ore zone on the Star Ship claim contains no appreciable gold or silver values. However two areas peripheral to the moly zone were found to contain significant copper, silver and gold. The best sample contained approximately 2% copper, 207 g/t silver and 1 g/t gold. These two zones should be mapped and sampled in more detail to assess their economic potential. In addition, more general prospecting is recommended to search for additional mineralization in the area peripheral to the moly zone.

# TABLE 1<sup>cont.</sup>

 $\bigcirc$ 

SAMPLE NUMBER	DESCRIPTION
L.S. 87 #12	Diamond drill core- hole #19, 597-617'. Most of whole box of core. Silicified volcanic (andesite ? ) with pyrite, epidote, gouge and slickensides - fault zone?.
#13	Hole #19, 1708-1734'. Granite with pyrite and molybdenite.
#14	Hole #19, 130-140'. Black argillite or tuff with pyrite and pyrrhotite.
#15	Hole #19, 210-220'.'Bleached, banded very fine grained argillite with quartz veinlets and pyrite.
#16	Hole #19, 420-430'. Bleached, altered volcanics. clots of epidote, pyrite and pyrrhotite. Open vuggy calcite veinlets.
#17	Hole #19, 820-830'. Dark fine grained volcanic with pyrite, epidote and quartz veinlets.
#18	Hole #19, 1010-1020'. Fine grained cherty tuffs with Quartz veinlets with dark sulfides. Sections of breccia with bleached fragments and sulfides.
#19	Hole #19, 1410-1420'. Quartz-feldspar-porphyry dyke with quartz veinlets with molybdenite.
#20	Hole #19, 1264-74'. Upper contact zone of fine grained volcanics with Q-F-P dyke. Quartz veinlets with epidote and pyrite.
#21	Hole #19, 1493-1503. Contact zone of granite with argillaceous rock. Quartz veinlets, moly, pyrite and K-spar alteration in granite.
L.S. SS #01	Silt sample from small creek south of ore zone.

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### <u>TABLE 1</u>

## STAR SHIP CLAIM

## PROSPECTING SAMPLE DESCRIPTIONS

SAMPLE NUMBER	DESCRIPTION
L.S. 87 #01	Grab sample of several pieces of breccia with pyrite and other sulfides from trench in West Showing area.
#02	Grab sample of breccia with pyrite from small outcrop at edge of road near junction.
#03	Single piece of andesite with quartz and tetrahedrite from pile of specimen rocks at old core shack. Origin unknown.
#04	Grab sample of basalt with magnetite and pyrite from outcrop on edge of cat road on east side of lake across from camp.
#05	Grab sample of basalt with pyrite from outcrop on cat road at the north end of large stripped area on east side of camp lake.
#O6	Selected grab sample of breccia with minor chalcopyrite from outcrop in large stripped area on east side of camp lake.
· #07	Selected grab sample of massive pyrite in quartz-feldspar-porphyry from big trench north east of road about 100 meters southeast of camp lake.
#08	Grab sample of hematitic quartz with pyrite from same area as sample #07.
#09	Grab sample of quartz with massive pyrite and some chalcopyrite from poorly exposed, badly weathered outcrop on old cat road about 500 meters northeast of camp. Exact location not measured.
<i>#</i> 10	Grab sample of quartz-feldspar-porphyry with pyrite from outcrop in small creek south of ore zone.
#11	Large grab sample from several small trenches

Т

Large grab sample from several small trenches and outcrop of quartz-feldspar-porphyry with quartz stockwork and disseminated molybdenite from ore zone.

## **REFERENCES:**

B.C. Minister of Mines Annual Reports; 1957(12), 1963(28), 1964(53), 1965(84), 1966(104), 1967(109), 1968(139).

G.S.C. Paper 68-56

B.C. Department of Mines - Open Property Files - 93L/3W for Amax Exploration Inc. - Lucky Ship Project 1966 Geological Map - Lucky Ship Pluton - and other maps and information.

## DETAILED COST STATEMENT:

Prospecting- EAS, 4 man days @ \$150=	\$600.00
LBW, 4 man-days @ \$150=	\$600.00
Field Accomodation and food- 8 man-days @ \$35=	\$280.00
Helicopter charter 0.6 hours	\$316.10
Truck travel- 285km @ \$0.25=	\$71.25
Freight on samples=	\$41.00
Analyses - Acme Analytical Labs=	\$323.50
Report Preparation- EAS, 2 man-days @ \$150=	\$300.00
Report Costs - photocopies, maps etc=	\$75.00

TOTAL COST =  $\frac{$2606.85}{}$ 

#### AUTHOR'S CERTIFICATE:

I, ERIC ALBERTSHAEDE, of 411 Coach Road, R.R. #1, Sicamous, B.C., VOE 2VO, do hereby certify that:

- -I am a graduate of the University of B.C. and I received degrees of B.Sc., M.Sc. and Ph.D. from that University in 1966, 1968 and 1971 respectively.
- I have been employed in the mining industry from
  1973 to 1984 at various positions ranging from
  metallurgist to mill superintendent to mine manager.
- -I have successfully completed the Province of B.C., Mineral Exploration Course for Prospectors on May 18, 1985 and have been engaged in prospecting full-time since that date.
- -I personally conducted the work program reported herein and personally wrote this report based on that work and information gathered from published and private reports.

Dated at Sicamous, B.C., October 16, 1987,

Frie a. Stacke

Eric A. Shaede, Ph.D.

.../A1

/END

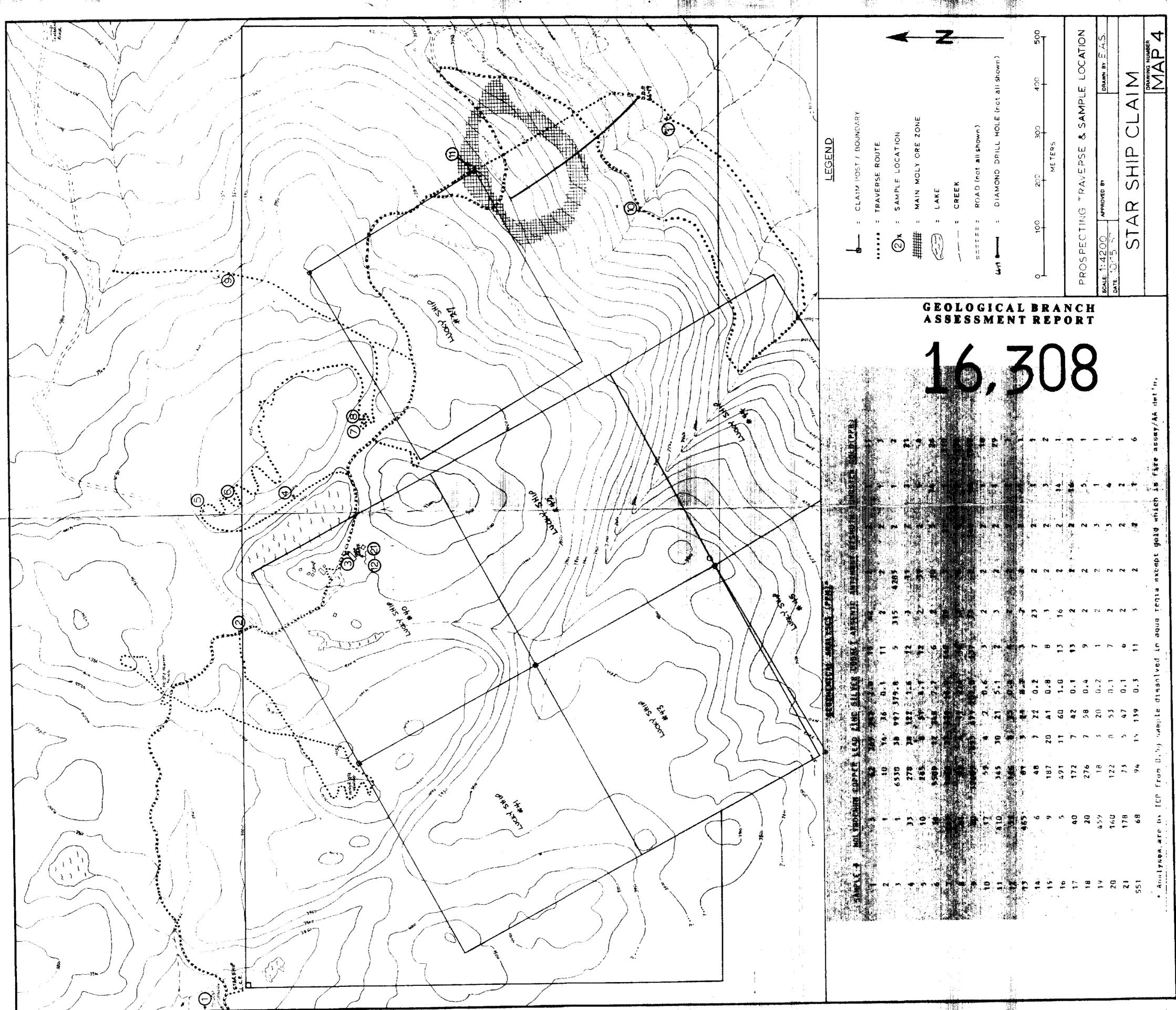
#### GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HK03-H20 AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MR FE CA P LA CR NG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK/STREAM SED AUSS ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE. 111 1

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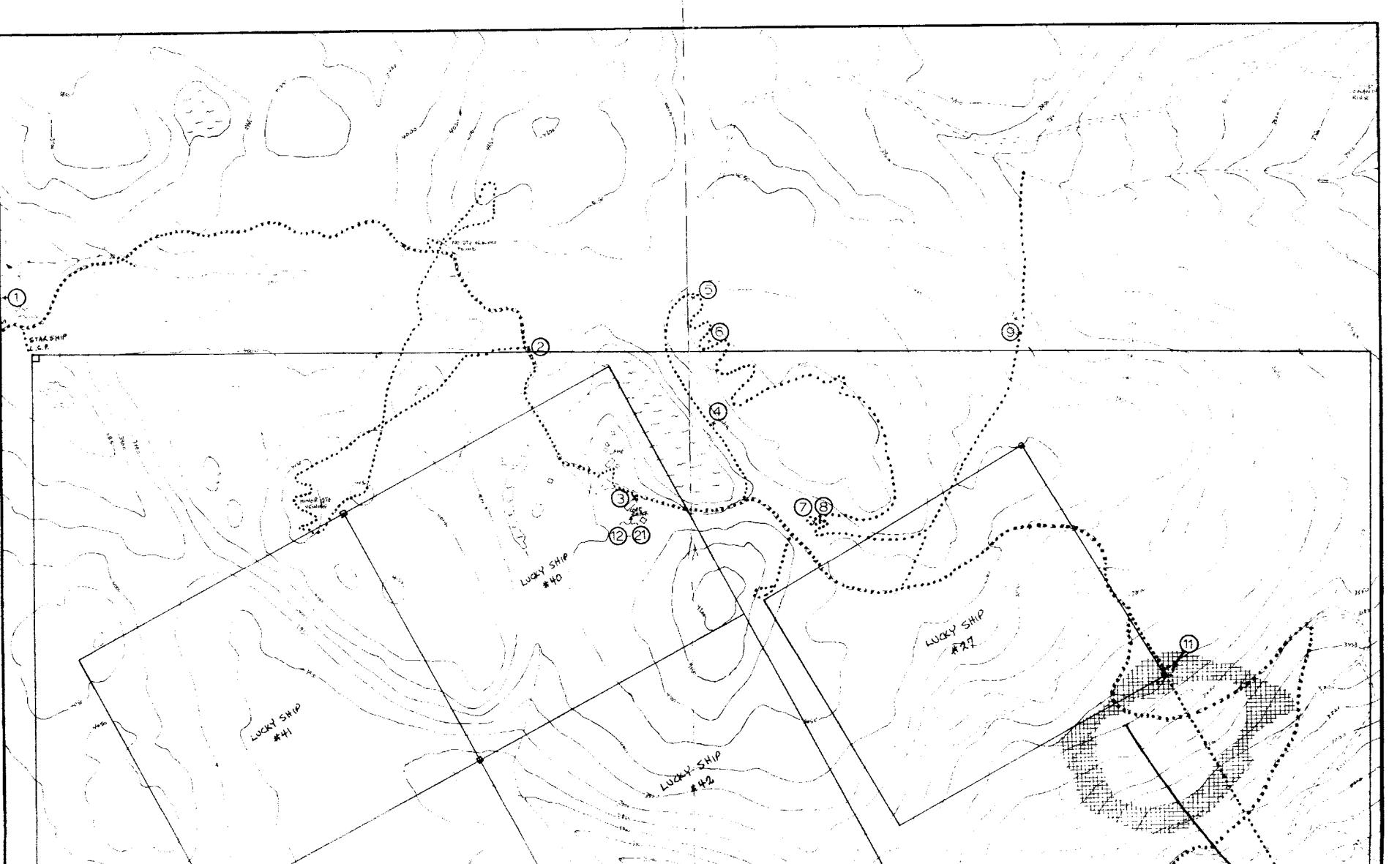
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