

830497

REPORT ON CHIP SAMPLING
OF APRIL, 1991
ON THE
MACKTUSH PROPERTY

Alberni Mining Division
British Columbia

Latitude 49°08' North
Longitude 124°52' West

NTS 92F-2W

For SYMC Resources Ltd.

By John Wilson, FGAC

May, 1991

Introduction

The Macktush property, owned by SYMC Resources Ltd., is located south of Port Alberni, B.C. It consists of ten Modified Grid mineral claims, of which the COPPER 102 claim (record #1911), with an expiry date of Oct. 31, 1991 has received exploration and other studies since 1982 (Carter, 1990).

This report, prepared at the request of SYMC Resources Ltd., is based on mapping and chip sampling by the writer at an excavated site beside road M-100 on April 30, 1991.

Chip Sampling Report

The accompanying figure shows the location of work, a geological plan and a section illustrating the road cut / excavation.

The excavation is centered on a shear zone cutting an extensive Jurassic Island Intrusion exposure of diorite to quartz diorite. The shear has a true width of nearly six metres, strikes 035° , and dips 60° to 80° easterly. The zone has a deeply weathered centre that contains quartz veinlets, silicified patches and a few boulder sized intrusive remnants. Edges of the shear are marked by grey gouge bands up to one metre wide that contain quartz veins. Disseminated pyrite to 3% occurs throughout the entire zone but normally is less than 1%. Beyond the shear zone, the intrusive is nearly fresh.

One line of continuous chip sampling was taken across the zone and into country rock on both sides. It consisted of ten samples collected by the writer.

Locations of sampling is shown on the accompanying figure.

Geological descriptions of the ten samples follow. The intrusive is a borderline diorite-quartz diorite.

W-1: fairly fresh intrusive.

W-2: fractured intrusive, some brecciation, silicification, rusty veinlets.

W-3: interlayered gouge and sheared intrusive. Gouge is grey with quartz veins and veinlets. Disseminated pyrite reaches 3% but is usually less than 1%. Sheared rock is chloritic with lesser sericite.

W-4, W-5, W-6 and W-7: brecciated, sheared and deeply weathered intrusive. Some boulder sized intrusive remnants. Silicified in places. Some irregular quartz veins to 10 cm. Rusty fractures. Disseminated pyrite to 2%, usually less than 1%.

W-8: grey gouge with quartz veining to 20 cm. Silicified intrusive fragments. Disseminated pyrite to 3%, usually less than 1%.

W-9: fractured, sheared intrusive. Chloritic, sericitic. With 20cm quartz vein.

W-10: fairly fresh intrusive.

The certified analyses by Min En Laboratories (attached) are:

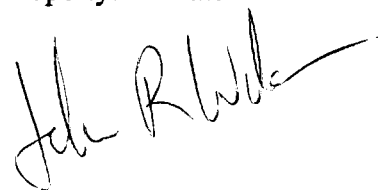
sample number	width (metres)	Au ppb	Ag ppm	Cu ppm
W-1	1.0	5	1.9	28
W-2	2.0	15	1.1	9
W-3	2.0	20	1.3	6
W-4	2.0	5	0.9	8
W-5	2.0	5	0.8	10
W-6	2.0	5	0.7	5
W-7	2.0	5	0.8	7
W-8	1.0	5	0.8	24
W-9	1.0	5	0.9	53
W-10	1.0	5	0.9	41

Conclusions and Recommendations

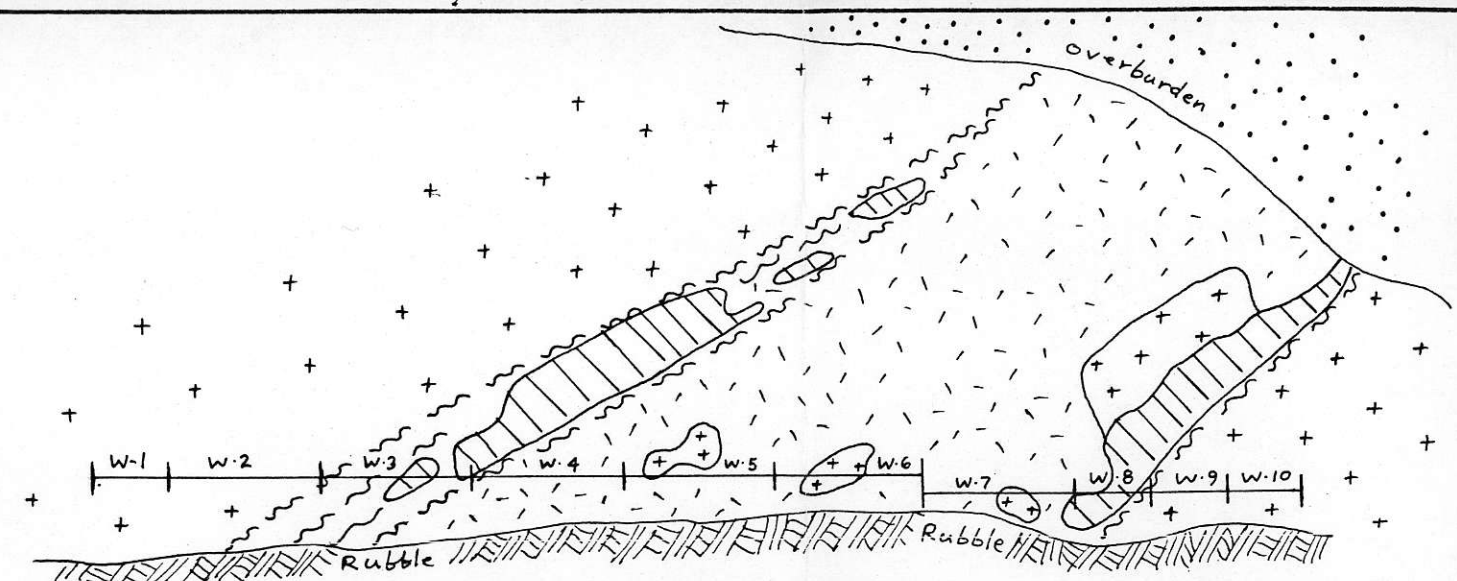
While no high analyses were found, the structure is significant because there are known gold bearing quartz veins nearby (Carter, 1990). The shear-vein system should be mapped and sampled along strike as part of a geological mapping and exploration program over the entire mineral property.

References

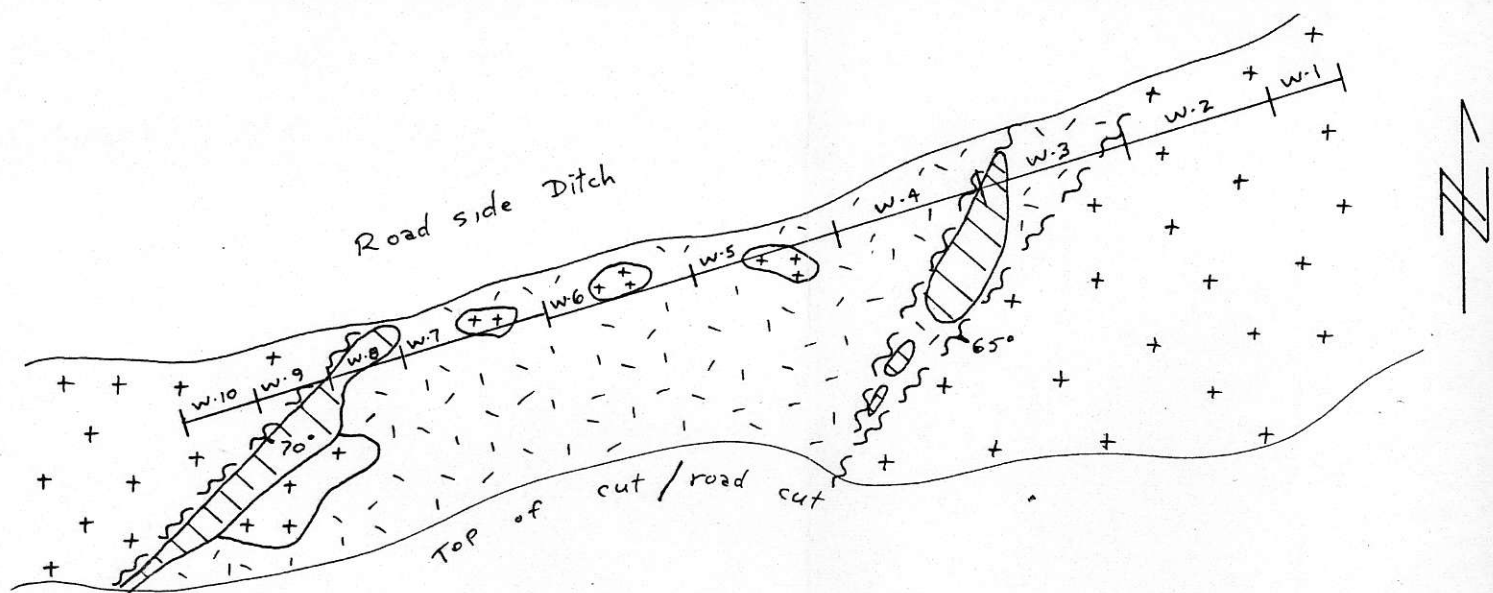
Carter, N.C. (1990): Geological Report on the Macktush Property. Private report for SYMC Resources Ltd.



John R. Wilson, F.G.A.C.
Consulting Geologist

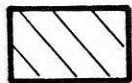


TRENCH/ROAD CUT SECTION-LOOKING SOUTHERLY

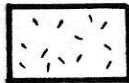


TRENCH/ROAD CUT PLAN

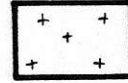
LEGEND



grey gouge, some quartz veining



deeply weathered diorite, quartz diorite



fresh diorite, quartz diorite

Scale 1:100 0 1 2 3 4 5 metres

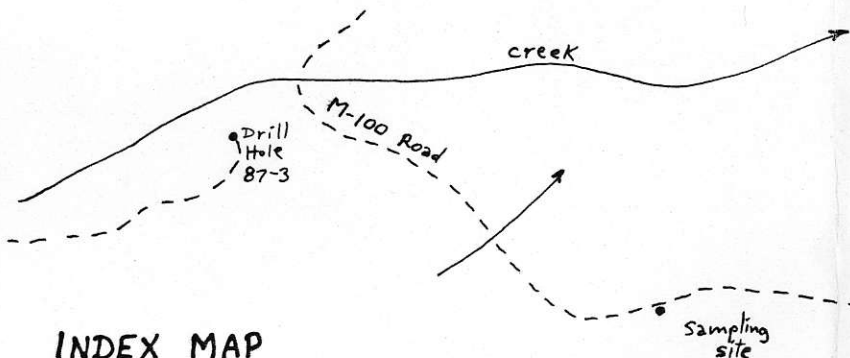
Scale 1:5000 0 100 200 300 metres

SYMBOLS



fault, shear

chip sample location, number



INDEX MAP

SYMC RESOURCES LTD
MACKTUSH PROPERTY
Chip Sampling on M-100 Road
Copper 102 claim
NTS: 92F-2W
Date of work: April 30, 1991
By: John Wilson



**MINERAL
• ENVIRONMENTS
LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

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Geochemical Analysis Certificate

1V-0386-RG1

Company: **JOHN WILSON**
Project: **MACKTUSH**
Attn: **HERB MCMASTER/JOHN WILSON**

Date: **MAY-06-91**

Copy 1. SYMC RES, PORT ALBERNI, B.C.
2. JOHN WILSON, MERVILLE, B.C.

We hereby certify the following Geochemical Analysis of 10 ROCK samples submitted APR-02-91 by JOHN WILSON.

Sample Number	AU-WET PPB	AG PPM	CU PPM
W-1	5	1.9	28
W-2	15	1.1	9
W-3	20	1.3	6
W-4	5	.9	8
W-5	5	.8	10
W-6	5	.7	5
W-7	5	.8	7
W-8	5	.8	24
W-9	5	.9	53
W-10	5	.9	41

Certified by _____

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