

Daiwan Engineering Ltd.  
1030-609 Granville Street, Vancouver, B. C. Canada. V7Y 1G5  
Phone: (604) 688-1508

LOG NO: OCT 21 1991	RD.
ACTION:	
FILE NO:	

**PROSPECTING REPORT**  
**ON THE**  
**SJ and PAPA MINERAL CLAIMS**  
**NORTHERN VANCOUVER ISLAND, BRITISH COLUMBIA**

NTS: 92L/12W  
102I/9E

Latitude: 50° 40' N  
Longitude: 128° 00' W

For

Universal Trident Industries Ltd. VANCOUVER, B.C.  
1030 - 609 Granville Street  
Vancouver, B.C.  
V7Y 1G5

By

Ron Bilquist

July 19, 1991

SUB-RECORDER  
RECEIVED  
OCT 15 1991  
M.R. # \_\_\_\_\_ \$ \_\_\_\_\_

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

21,732

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## INTRODUCTION

At the request of Mr Ron Philp, President of Universal Trident Industries Ltd., Daiwan Engineering Ltd. conducted 37.5 man days of prospecting on the Papa and SJ claim group. The property consists of 17 contiguous modified grid and 2-post claims totalling 128 units. The claims are located at, and north of, the west end of Holberg Inlet, approximately 37 kilometres west of Port Hardy on northern Vancouver Island.

The program was carried out over the entire property and consisted of reconnaissance prospecting of the major drainages, road cuts and the shoreline within the claims. Five panned moss mat sediments were also taken from select drainages to test for the presence of heavy metals. Copper mineralization was discovered in one road cut and a general outline of the geology was obtained.

The work programs were carried out between June 25 and August 12, 1991. A total of \$14,112.25 was spent prospecting on the claims.

## ACCESS

Good access to the claims is obtained via a network of logging roads leading north out of Holberg. A small boat and motor was used to access the claims along the shore of Holberg Inlet.

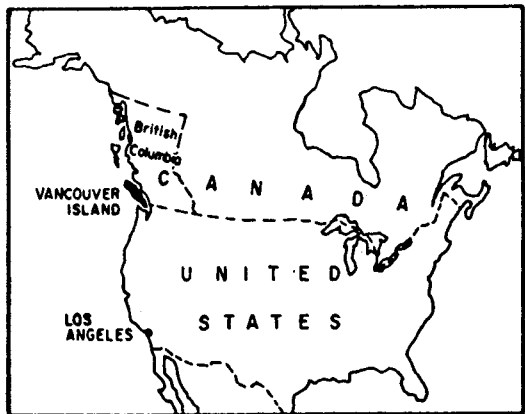
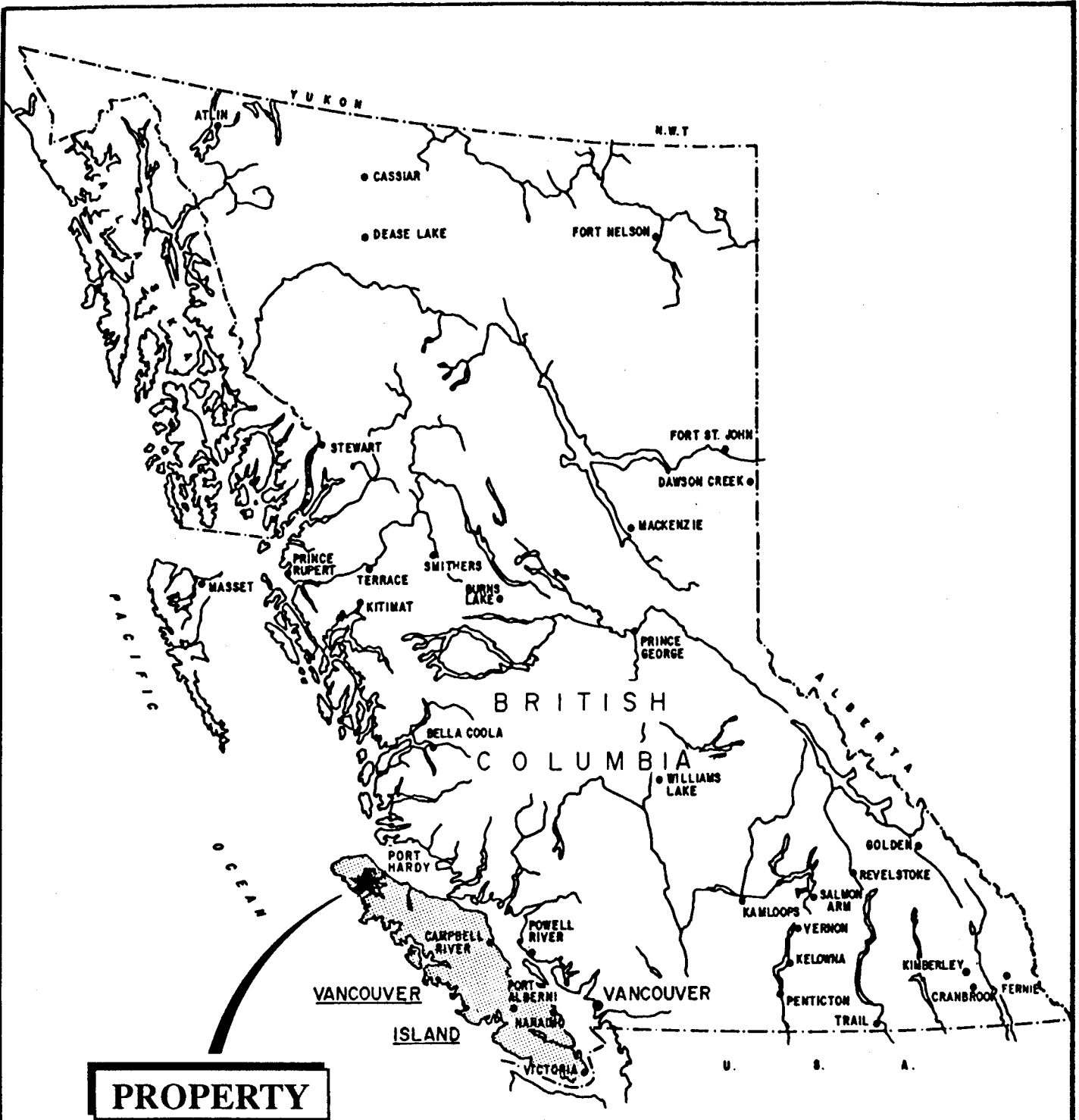
## PROPERTY

The property consists of the following contiguous claims located in the Nanaimo Mining Division. The claims are depicted on Figure 2:

<u>Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry</u>	<u>Recorded Owner</u>
SJ 1	3967	20	July 13, 1991	Daiwan Engineering Ltd.
SJ 2	3968	12	July 15, 1991	Daiwan Engineering Ltd.
SJ 3	3969	12	July 15, 1991	Daiwan Engineering Ltd.
SJ 4	3922	20	July 29, 1991	Daiwan Engineering Ltd.
SJ 9	3974	1	July 13, 1991	Daiwan Engineering Ltd.

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UNIVERSAL TRIDENT INDUSTRIES LTD.			
SJ & PAPA MINERAL CLAIMS Northern Vancouver Island B.C.			
<b>LOCATION MAP</b>			
DAIWAN ENGINEERING LTD.			
SCALE	As Shown	DATE	Sept. '91
		FIG.	1

UNIVERSAL TRIDENT INDUSTRIES LTD.

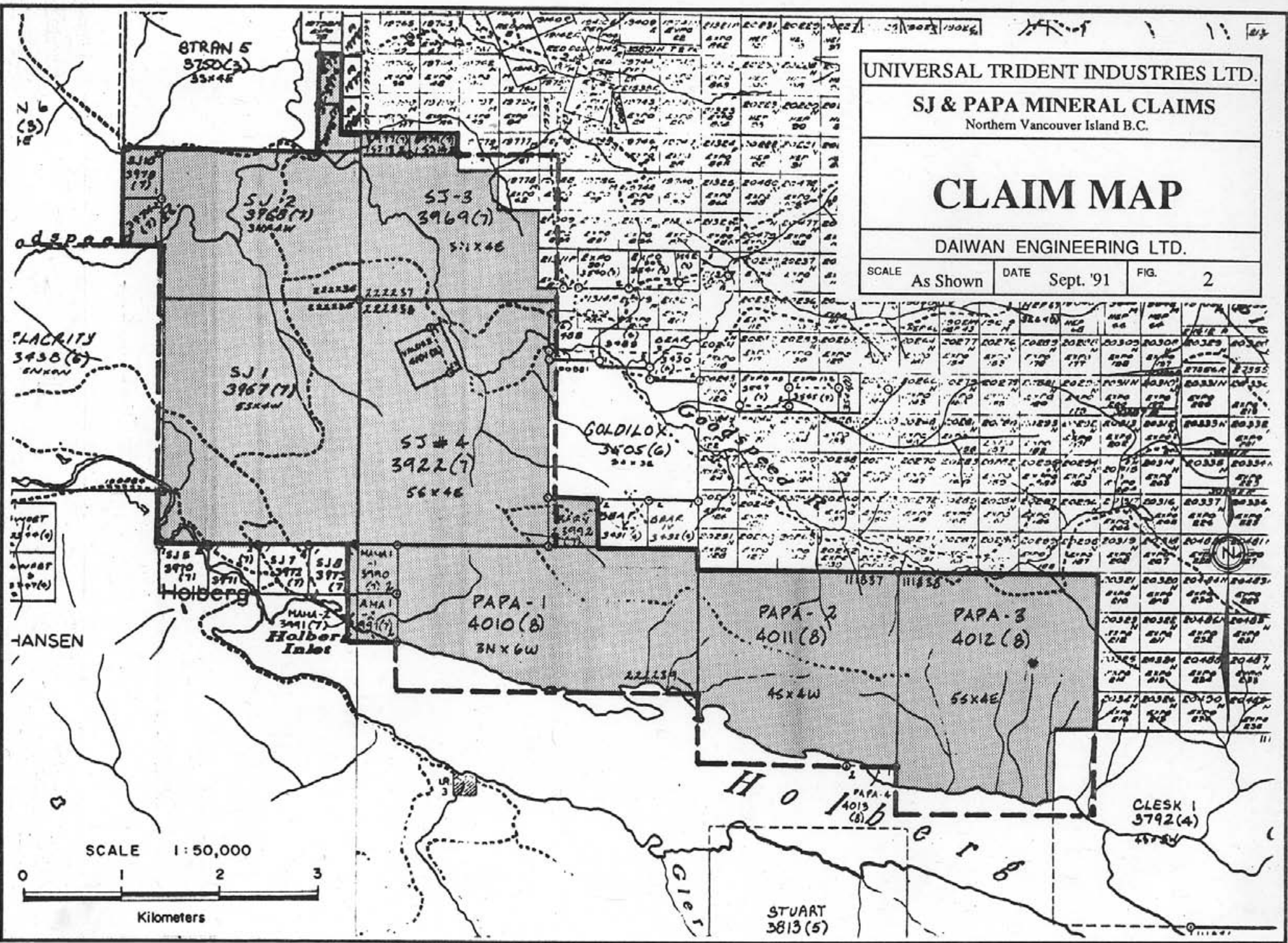
SJ & PAPA MINERAL CLAIMS

Northern Vancouver Island B.C.

# CLAIM MAP

DAIWAN ENGINEERING LTD.

SCALE As Shown    DATE Sept. '91    FIG. 2



BTRAN 5  
3750(3)  
55x4E

SJ-2  
3968(7)  
30x4W

SJ-3  
3969(7)  
57x4E

SJ-1  
3967(7)  
55x4W

SJ-4  
3922(7)  
56x4E

GOLDILOX  
3805(6)  
24x3E

PAPA-1  
4010(8)  
3N x 6W

PAPA-2  
4011(8)  
45x4W

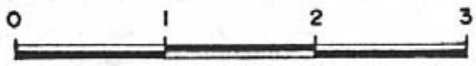
PAPA-3  
4012(8)  
55x4E

PAPA-4  
4013(8)  
3N x 6W

CLESK 1  
3792(4)  
45x5W

STUART  
3813(5)

SCALE 1:50,000



Kilometers

claims continued

<u>Name</u>	<u>Record No.</u>	<u>Units</u>	<u>Expiry</u>	<u>Recorded Owner</u>
SJ 10	3978	1	July 12, 1991	Daiwan Engineering Ltd.
SJ 11-13	3975-7	3	July 14, 1991	Daiwan Engineering Ltd.
SJ 14	3979	1	July 14, 1991	Daiwan Engineering Ltd.
Papa 1	4010	18	August 20, 1991	Daiwan Engineering Ltd.
Papa 2	4011	16	August 22, 1991	Daiwan Engineering Ltd.
Papa 3	4012	20	August 22, 1991	Daiwan Engineering Ltd.
Papa 4	231196	1	August 20, 1991	Daiwan Engineering Ltd.
Mama 1-2	231174-5	2	July 29, 1991	Daiwan Engineering Ltd.
Baby	231176	1	July 29, 1991	Daiwan Engineering Ltd.

### PROSPECTORS REPORT

#### AREA 1: SJ Claims, Mama, and Papa 1 claim

The entire area of the claims was covered by prospecting and a relatively good picture of the geology was obtained. Two distinct volcanic units were found - a dark blue or green amygdaloidal andesite which quite often displays pillows or pillow fragments and a varicolored (purple, red, green) volcanoclastic unit. The former is thought to be the Karmutsen Formation while the latter is probably the Bonanza Formation.

The sediments found on the property can be divided into two packages. A massive grey limestone (Quatsino Formation?) underlies interbedded calcareous and noncalcareous sediments. These underlying sediments are mainly mudstones and siltstones and have abundant fossils of ammonoids(?) and bivalve molluscs.

Copper mineralization was discovered in a road cut two kilometers north of Holberg. Malachite, chalcopyrite and bornite were found in discontinuous quartz/carbonate(?) veins cutting what appears to be a very tight, dark green amygdaloidal andesite. The zone is relatively flat lying with the irregular discontinuous veins occurring over a width of approximately one and one half meters. Traces of sulphides are sometimes seen in the andesite immediately adjacent to the veins. In the veins the copper mineralization is sparsely distributed but locally becomes concentrated. Two rock samples were taken from this location; sample #60761 was taken from the mineralized vein material and sample #60703

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was taken from the andesite host adjacent to 60761 sample site. Traces of copper were noted in #60703.

Traces of copper mineralization were also found in a road cut (sample 60704) 600 meters southeast of 60701 sample site. The copper (chalcopyrite) was seen in a quartz/epidote vein in fractured and sheared amygdaloidal andesite.

A piece of subrounded quartz float (60720) was found in the Goodspeed River near the eastern boundary of SJ #4 mineral claim. This float was mineralized with bornite, chalcopyrite and pyrite.

The only other mineralization found on the property to date is disseminated pyrite in andesite near the southwest corner of SJ #4. Sample #60705 was taken here to determine if copper may occur with the pyrite.

#### AREA 2: Papa 2 and 3 claims

The Papa 2 and 3 claims are mainly underlain by Bonanza Formation volcanics. The volcanics vary from fine to medium grained, green-grey flows and pyroclastics to more coarse grained purplish porphyritic rocks.

In the center of the Papa 3 claim the rock is predominantly altered volcanic porphyry. Several mineralized shears occur near the eastern claim boundary.

Disseminated pyrite was noted in a more felsic volcanic which outcrops along the road across the center of the Papa 2 claim. West of this area rock outcrops consist of calcereous siltstones and shales of the Parson Bay Formation which apparently underlies most of the Papa 1 claim.

Interbedded calcareous and non-calcareous sediments outcrop across the Papa 1, Papa 2 and extend into the Papa 3 claim along the shore of Holberg Inlet. The sediments strike easterly and dip alternately north (about 50°) and south (about 70°) with the anticlinal fold crest or hinge being exposed at west-central Papa 2 claim. Medium grained, green Bonanza volcanics outcrop along the shore on the eastern part of Papa 3 claim.

A cross-cutting andesite dyke occurs on the shore at Papa 4 claim. Mineralization (sample #60791) occurs along the dyke margins where the sediments have been altered.

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Six rocks, nine moss mat sediments and one panned silt sample were collected during stage two of the prospecting survey.

## SAMPLE RESULTS

### AREA 1

The most significant mineralization found on the property was quartz vein float in the Goodspeed River (#60720). This float contains 295.5 ppm silver and 1,150 ppb gold. The source of this quartz vein float was not determined.

One other sample (#60761) from this area has an anomalous metal content. This sample is quartz vein material with malachite, bornite and chalcopyrite found in andesite two kilometres north of Holberg. Rock sample # 60761 contains 10,777 ppm copper. The surrounding andesite was not significantly enriched in copper (249 ppm). The quartz veins occur over one and a half metres. No other quartz veins were seen.

There was no significant mineralization indicated by any of the silt samples from this area. The only slightly anomalous values (103-160 ppm) were for zinc.

### AREA 2

The sediment samples collected in Area 2 have a very different geochemical signature from those of Area 1.

Many of the Area 2 samples have elevated zinc contents, especially those draining areas with Parson Bay Formation sediments (eg, #99304, 253 ppm Zn). Three samples, numbered 60792, 60794 and 60795, were taken on consecutive drainages west of Clesklagh Creek. These samples have elevated gold and zinc contents. Sample 60794 contains 770 ppb gold.

These gold values with the associated zinc mineralization should be investigated further.

None of the rock samples from Area 2 returned significant analyses. Sample 60791 had the highest base metal content (302 ppm Cu).

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**STATEMENT OF COSTS****1.0 Personnel**

P.G. Dasler Sr. Geologist - .9 days @ \$380/day	\$ 342.00	
L. Allen Prospector - 18.5 days @ \$260/day	4,810.00	
S. Oakley Prospector - 8.25 days @ \$250/day	2062.50	
R. Bilquist Prospector - 10.75 days @ \$260.00/day	<u>2795.00</u>	\$9,470.41

**2.0 Food and Accommodation**

37.5 man days @ \$23.23/man day		871.29
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**3.0 Transportation**

Mobilization		539.09
4x4 truck - 18 days @ \$44.05/day (incl. gas)		792.86

<b>4.0 Field Supplies (flagging, topo, etc.)</b>		214.61
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**5.0 Geochemical Analyses**

15 silts or moss mats @ \$ 10.32	154.80	
11 rocks @ \$ 11.17	122.87	
Freight etc.	<u>12.92</u>	290.57

<b>6.0 Boat rentals</b>		126.00
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<b>7.0 Office Costs (typing, copying, drafting)</b>		345.08
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\$13,189.02

<b>GST</b>		<u>923.23</u>
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**\$14,112.25****Daiwan Engineering Ltd.**

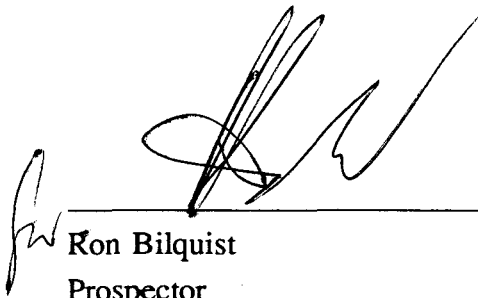
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**CERTIFICATE OF QUALIFICATIONS**

I, Ron Bilquist, do hereby certify that:

- 1.0 I am a prospector employed by Daiwan Engineering Ltd. with offices at 1030 - 609 Granville Street, Vancouver, B.C. V7Y 1G5.
- 2.0 I have been employed as a prospector for the past 22 years in various parts of Canada and the United States, and am President of Lone Trail Prospecting Ltd., at Box 81, Gabriola, B.C. V0R 1X0.
- 3.0 I have acquired a working knowledge of the techniques of prospecting over the past 22 years.
- 4.0 This report is based on property examinations between June 25 and August 12, 1991.
- 5.0 I have no interest in the SJ property or in Universal Trident Industries Ltd. nor do I expect to receive anything.



---

Ron Bilquist  
Prospector  
August 16, 1991

**APPENDIX I**

**Certificates of Analysis**

**Daiwan Engineering Ltd.**

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GEOCHEMICAL ANALYSIS CERTIFICATE



Daiwan Engineering Ltd. File # 91-3411 Page 1  
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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
D 60576	1	43	10	82	.5	8	16	905	4.96	3	5	ND	1	78	.5	5	7	138	4.37	.070	9	10	1.46	22	.32	2	4.86	.10	.02	5	7
D 60577	1	33	4	71	.2	9	14	1185	5.00	2	5	ND	1	269	.2	5	2	98	3.35	.078	14	8	1.17	78	.33	2	4.16	.12	.08	2	1
D 60790	1	35	3	79	.3	11	16	1423	7.33	4	5	ND	1	489	.3	4	2	172	4.13	.098	7	10	2.25	53	.46	11	4.48	.21	.09	3	6
D 60791	2	302	2	55	.2	149	29	316	4.39	5	5	ND	1	132	.2	4	2	45	1.58	.094	6	18	1.09	28	.16	15	2.48	.60	.06	2	4
RE D 60791	2	298	2	55	.2	152	29	305	4.32	3	5	ND	1	129	.2	2	5	44	1.55	.092	6	18	1.07	28	.16	15	2.43	.60	.05	2	3
D 99301	1	98	2	48	.2	28	26	1436	4.48	2	5	ND	1	326	.5	3	2	101	15.51	.039	4	19	1.51	62	.01	2	.64	.02	.02	1	1
D 99302	1	20	3	53	.3	9	12	816	4.90	2	5	ND	1	71	.2	2	11	95	1.95	.068	15	6	1.33	108	.01	2	2.15	.05	.11	1	3
STANDARD C	17	59	39	133	7.2	71	31	1068	4.00	42	16	6	40	52	18.0	18	17	58	.48	.091	40	59	.89	179	.09	32	1.98	.06	.15	11	-

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. AU DETECTION LIMIT BY ICP IS 3 PPM.  
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: P1 ROCK P2 SEDIMENT P3 PANNED SILT AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.  
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 13 1991 DATE REPORT MAILED: *Aug 21/91* SIGNED BY: *C. Leong* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

*Papa clms.*



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
D 60792	1	34	2	219	.1	21	17	1268	10.51	4	5	ND	4	82	.6	2	2	332	.57	.038	7	41	.79	163	.37	2	2.22	.03	.07	1	1.4
D 60794	1	43	2	309	.1	28	23	1749	18.13	4	5	ND	6	72	.4	2	2	519	.71	.040	9	60	.72	119	.63	2	2.32	.03	.07	1	770.0
D 60795	1	27	3	81	.1	20	17	1069	5.56	4	5	ND	3	114	.2	2	2	119	1.53	.045	5	22	.94	103	.20	2	3.54	.03	.09	1	46.6
D 60796	1	36	2	111	.1	8	17	1178	7.28	3	5	ND	3	100	.2	2	2	193	.95	.039	6	19	1.01	168	.20	2	3.26	.04	.06	1	2.0
D 60798	1	47	3	155	.1	15	32	3063	6.37	2	5	ND	3	154	.2	2	2	187	1.09	.036	5	20	1.28	108	.35	3	5.14	.04	.08	1	2.2
RE D 60796	1	36	3	107	.1	9	19	1297	7.72	4	5	ND	4	108	.2	2	2	209	1.00	.042	6	21	1.09	176	.21	2	3.47	.04	.07	1	2.0
D 60799	1	36	2	99	.1	18	20	1321	6.37	3	5	ND	4	193	.2	2	2	163	1.36	.032	4	30	1.40	113	.26	2	5.11	.06	.11	1	.8
D 60800	1	41	2	90	.1	23	20	936	5.87	7	5	ND	3	132	.2	2	7	138	1.28	.031	4	36	1.36	95	.19	2	5.18	.03	.07	1	.9
D 99303	5	65	4	182	.5	63	19	729	4.74	11	6	ND	4	53	1.3	2	2	107	.73	.127	8	35	.55	152	.03	3	1.80	.01	.10	1	2.4
D 99304	5	60	3	253	.4	60	17	747	5.88	14	5	ND	4	84	1.9	2	2	133	.85	.152	8	43	.70	143	.10	5	1.71	.01	.07	1	1.0

Samples beginning 'RE' are duplicate samples.



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
D 60797	1	59	7	131	.5	13	19	1946	5.83	4	15	ND	1	288	1.6	2	2	161	1.80	.053	9	17	1.55	143	.34	6	4.16	.15	.19	1	1.7



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	Tl ppm	Hg ppm	Au <sup>6</sup> ppb
D 60703	1	249	2	95	.2	31	22	574	5.36	3	5	ND	1	24	.2	2	2	160	4.01	.045	5	16	1.23	1	.61	19	3.20	.03	.01	2	3	1	8
D 60704	1	808	11	52	.2	62	21	446	4.30	4	5	ND	1	47	.2	2	2	142	9.03	.024	4	46	1.35	1	.34	33	5.07	.03	.01	1	2	1	22
D 60705	1	80	8	76	.2	103	30	719	6.04	4	5	ND	1	139	.2	2	2	152	1.71	.068	8	97	2.76	61	.66	12	3.02	.15	.04	2	4	1	5
D 60707	1	56	12	51	.1	2	10	414	4.43	8	5	ND	1	161	.2	2	2	78	2.41	.116	8	2	.91	51	.15	5	4.45	.07	.12	1	2	1	1
D 60708	1	71	9	56	.1	79	26	531	5.05	3	5	ND	1	158	.2	2	2	122	1.03	.070	4	149	2.46	39	.24	2	2.88	.21	.06	1	2	1	2
D 60709	2	62	10	33	.1	18	25	357	4.62	2	5	ND	1	205	.2	2	2	101	.99	.072	6	12	1.28	61	.24	2	2.06	.19	.07	1	2	1	3
D 60710	1	4	12	154	.1	10	3	2944	2.59	2	5	ND	1	7	1.4	2	2	19	4.38	.032	2	13	.08	24	.05	19	1.15	.01	.01	1	2	1	1
D 60711	19	722	130	1391	1.5	227	78	474	18.55	149	9	ND	1	38	55.7	5	2	81	.48	.022	5	9	.24	5	.06	2	.61	.01	.01	1	3	1	2
D 60712	3	200	5	357	.6	7	10	1038	1.42	6	10	ND	4	28	3.7	2	2	16	4.97	.022	14	5	.10	19	.01	5	.64	.01	.09	1	2	1	1
D 60713	3	17	2	27	.1	10	5	439	1.70	2	5	ND	3	17	.2	2	2	28	1.38	.021	13	9	.15	25	.01	8	.45	.04	.07	1	2	1	1
D 60714	2	2224	5	47	1.0	5	7	900	1.26	24	5	ND	3	30	.7	3	14	19	6.16	.025	17	5	.09	5	.01	8	.71	.02	.03	1	2	1	1
D 60715	1	234	3	37	.4	36	26	315	5.48	7	5	ND	1	86	.3	2	2	147	1.31	.054	4	47	1.12	12	.33	6	1.52	.20	.04	2	2	1	1
D 60716	2	8828	3	67	2.0	52	26	375	2.75	5	5	ND	1	99	1.4	2	33	74	3.37	.029	2	35	.50	6	.37	3	1.10	.01	.01	1	2	1	10
D 60717	1	22515	6	249	7.5	31	32	316	3.99	17	5	ND	1	54	6.2	2	2	108	1.40	.041	2	35	.65	9	.61	2	1.00	.04	.02	1	2	1	32
D 60720	3	291	4	27	295.2	12	3	77	.78	2	5	ND	1	6	.4	2	4	4	.37	.006	2	9	.02	1	.01	3	.18	.01	.01	1	2	1	1150
D 60740	1	443	7	101	.8	60	37	670	5.41	2	5	ND	1	17	.5	2	2	105	1.42	.040	3	67	2.72	6	.59	4	2.99	.03	.01	2	4	2	5
D 60741	335	179	11	249	1.3	8	96	3391	14.64	10	5	ND	4	54	.2	2	2	37	.30	.021	8	6	1.08	36	.07	2	4.31	.01	.08	8	7	1	3
D 60742	3	49	16	171	.1	4	16	1553	6.97	2	5	ND	1	83	.2	2	2	57	.61	.034	3	7	1.27	4	.14	2	2.36	.04	.01	2	2	1	2
D 60743	2	451	5	40	.1	45	18	526	3.01	2	5	ND	1	59	.2	2	4	89	4.83	.025	2	51	.91	6	.48	5	2.75	.01	.01	1	2	1	3
D 60744	1	27	24	132	1.3	16	71	447	5.63	3	5	ND	1	479	.4	2	2	68	4.07	.087	5	6	.62	31	.26	5	6.21	.82	.05	1	4	1	12
D 60746	1	4578	2	78	2.9	39	29	384	5.21	4	5	ND	1	103	1.0	2	28	138	1.31	.051	3	29	1.44	1	.60	2	1.94	.05	.01	1	5	1	1
D 60747	5	5968	6	1528	4.3	36	26	801	3.77	11	5	ND	1	67	16.3	2	34	71	3.71	.038	2	26	.81	9	.22	4	1.72	.01	.04	1	2	1	15
D 60748	2	15747	2	154	4.5	45	46	191	2.92	12	5	ND	1	103	3.2	2	31	46	2.18	.019	2	22	.28	1	.31	2	1.00	.01	.01	1	2	1	13
D 60761	1	10777	2	47	1.6	17	13	334	4.32	6	5	ND	1	25	.5	2	33	130	6.65	.030	4	12	.62	2	.41	14	4.02	.02	.01	1	2	1	12
D 60763	3	174	2	29	.1	36	21	192	2.46	5	5	ND	1	57	.2	2	4	51	.69	.052	7	22	.25	103	.19	3	.82	.09	.11	1	2	1	3
D 60766	3	564	2	129	.5	8	10	473	2.70	7	5	ND	5	29	1.3	2	2	48	.70	.024	8	11	.66	36	.17	5	1.14	.08	.08	3	2	1	1
D 60767	21	2220	9	53	.7	11	10	462	3.11	3	5	ND	3	32	.2	2	15	55	.92	.029	10	11	.88	48	.19	2	1.62	.10	.10	10	2	1	3
D 60768	283	4451	5	28	3.5	5	5	245	1.74	2	5	ND	6	22	.3	2	28	25	.45	.022	10	10	.55	33	.09	3	1.01	.08	.11	2	2	1	5
D 60769	15	360	5	25	.4	8	8	378	2.61	2	9	ND	4	34	.2	2	6	53	.75	.029	9	11	.73	63	.19	4	1.35	.11	.12	3	2	1	1
D 60770	2	814	6	41	.3	38	17	558	2.99	12	5	ND	1	239	.2	2	5	92	2.41	.046	4	35	1.17	3	.60	5	2.18	.01	.01	1	2	1	1
STANDARD C/AU-R	19	59	40	130	7.3	71	31	1050	3.89	39	24	7	39	52	18.4	15	21	55	.46	.092	39	57	.87	175	.09	31	1.86	.06	.15	13	2	2	540

✓ ASSAY RECOMMENDED



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
D 60725	1	27	2	166	.2	34	10	548	3.41	9	5	ND	1	37	1.2	2	2	98	.43	.051	4	33	.51	152	.05	2	1.47	.01	.04	1	3
D 60726	1	27	4	163	.2	29	15	1703	4.16	6	5	ND	1	119	.4	2	2	72	.60	.055	5	17	.95	502	.04	3	2.41	.01	.06	1	2
D 60727	1	85	5	103	.2	53	18	574	6.16	2	5	ND	1	43	.2	5	2	220	1.87	.043	6	80	1.26	37	.63	30	2.48	.05	.03	1	5
D 60728	1	80	3	128	.3	68	21	641	6.55	6	5	ND	1	53	1.0	4	2	213	2.46	.049	6	69	1.54	34	.61	19	3.10	.04	.03	1	6
D 60729	1	26	4	123	.2	35	15	951	3.92	4	5	ND	1	63	.3	2	2	87	.78	.050	5	28	.87	151	.20	2	1.86	.03	.05	1	2
D 60730	1	17	2	39	.1	7	11	473	4.68	2	5	ND	1	41	.2	2	2	149	.68	.017	5	23	.77	24	.30	2	1.47	.04	.04	1	3
D 60731	1	17	6	52	.4	8	18	784	20.42	2	5	ND	1	26	.2	2	2	840	.47	.034	5	50	.66	27	.45	2	1.13	.04	.04	1	2
D 60732	1	33	3	50	.2	10	13	557	7.29	2	5	ND	1	32	.2	2	2	296	.51	.019	4	29	.82	28	.35	2	1.54	.06	.04	1	2
D 60733	1	14	2	38	.1	4	10	539	5.89	2	5	ND	1	28	.2	2	2	210	.49	.012	3	21	.57	28	.26	2	1.19	.06	.06	1	1
D 60777	1	25	2	40	.2	9	12	566	4.21	2	5	ND	1	42	.2	2	2	127	.68	.021	5	22	.76	29	.29	2	1.49	.05	.05	1	1
STANDARD C/AU-S	18	57	38	132	7.0	70	33	1042	3.92	41	18	6	39	52	18.5	16	19	55	.48	.090	39	58	.88	174	.09	34	1.88	.06	.15	13	51

P  
↓

P - Sieve -20 mesh & Pulverized



**APPENDIX II**

**Sample Descriptions**

**Daiwan Engineering Ltd.**

1030 - 609 Granville Street, Vancouver, B.C. V7Y 1G5

Phone: (604) 688-1508

## ROCK DESCRIPTIONS

### Sample Summary Area 1.

Ten samples were taken from the SJ Claims; five rock samples and five panned moss mat sediments.

<u>Number</u>	<u>Description</u>
60703	amygdaloidal andesite (pillows?) with tiny qtz. veinlet and trace of chalcopyrite.
60704	amygdaloidal andesite with quartz/zeolite veins and a trace of bornite and chalcopyrite.
60705	fine grained dark blue andesite with disseminated pyrite and occasional tiny quartz veinlet.
60720	subrounded quartz float with pyrite and a trace bornite and chalcopyrite.
60761	irregular and discontinuous quartz veins with malachite, bornite and chalcopyrite cutting amygdaloidal andesite.

### Panned Moss Mat Sediments

60725 to 60729

### Sample Summary Area 2:

<u>Number</u>	<u>Description</u>
60576	Rock: Papa 3 - Altered Volcanic porphyry with some disseminated pyrite.
60577	Rock: Papa 3 - Pyritic shear zone within medium grained volcanic.
60790	Rock: Papa 3 - Fractured alteration within the volcanic; mineralized along fractures.
60791	Rock: Papa 4 - Mineralized andesite dyke crosscutting sediments;
60792	Moss Mat Sediment - Papa 3
60794	Moss Mat Sediment - Papa 3

**Daiwan Engineering Ltd.**

1030 - 609 Granville Street, Vancouver, B.C. V7Y 1G5

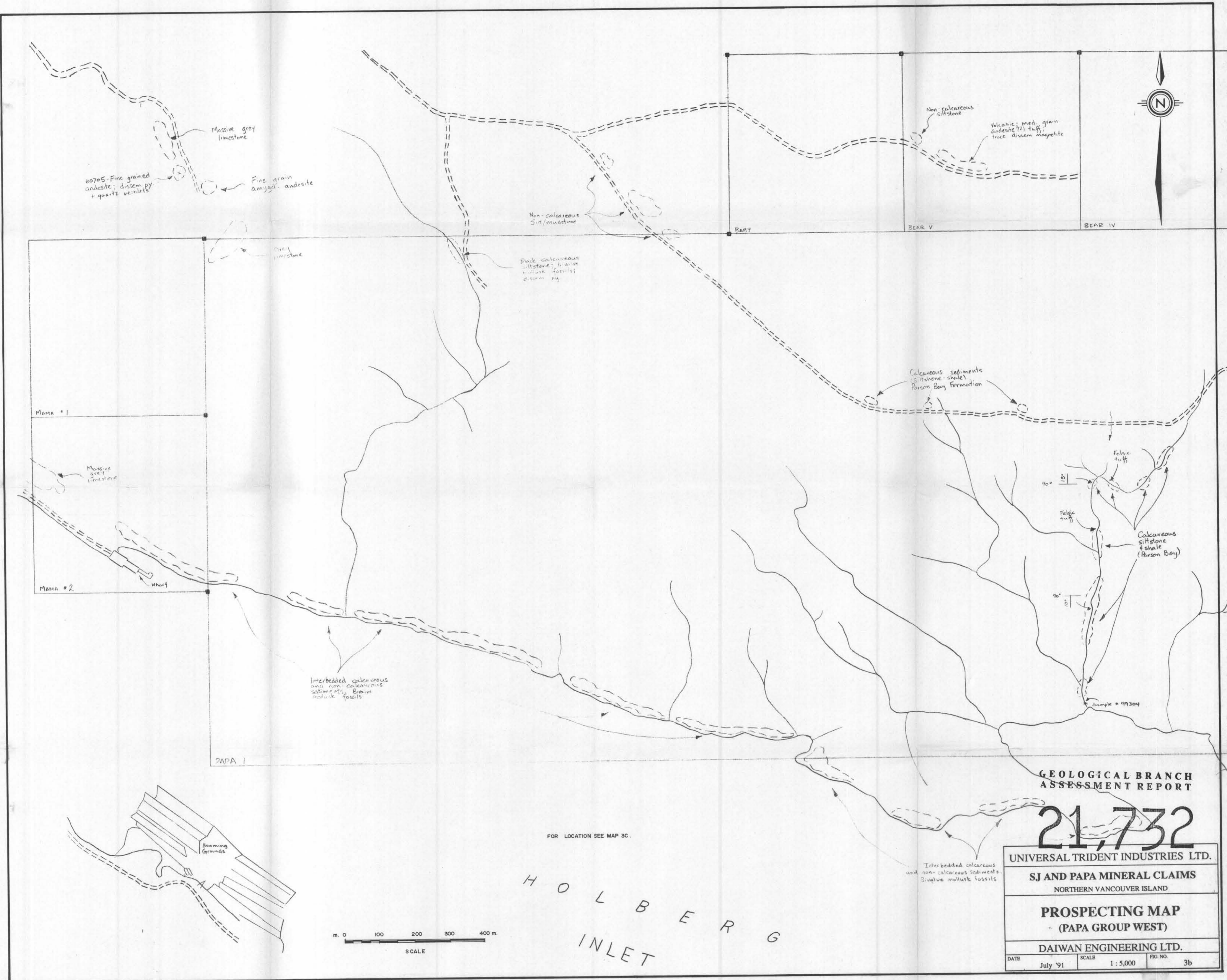
Phone: (604) 688-1508

- 60795 Moss Mat Sediment - Papa 3
- 60796 Moss Mat Sediment - Papa 3
- 60797 Panned Silt - Papa 3
- 60798 Moss Mat Sediment - Papa 3
- 60799 Moss Mat Sediment - Papa 3
- 60800 Moss Mat Sediment - Papa 2
- 99301 Rock: Papa 2 - Tuffaceous sediment with disseminated pyrite.
- 99302 Rock: Papa 2 - Light green medium grained volcanic (porphyritic texture) with disseminated pyrite.

Panned Moss Mat Sediments

- 99303 Moss Mat Sediment - Papa 2
- 99304 Moss Mat Sediment - Papa 1





GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**21,732**

UNIVERSAL TRIDENT INDUSTRIES LTD.

SJ AND PAPA MINERAL CLAIMS  
NORTHERN VANCOUVER ISLAND

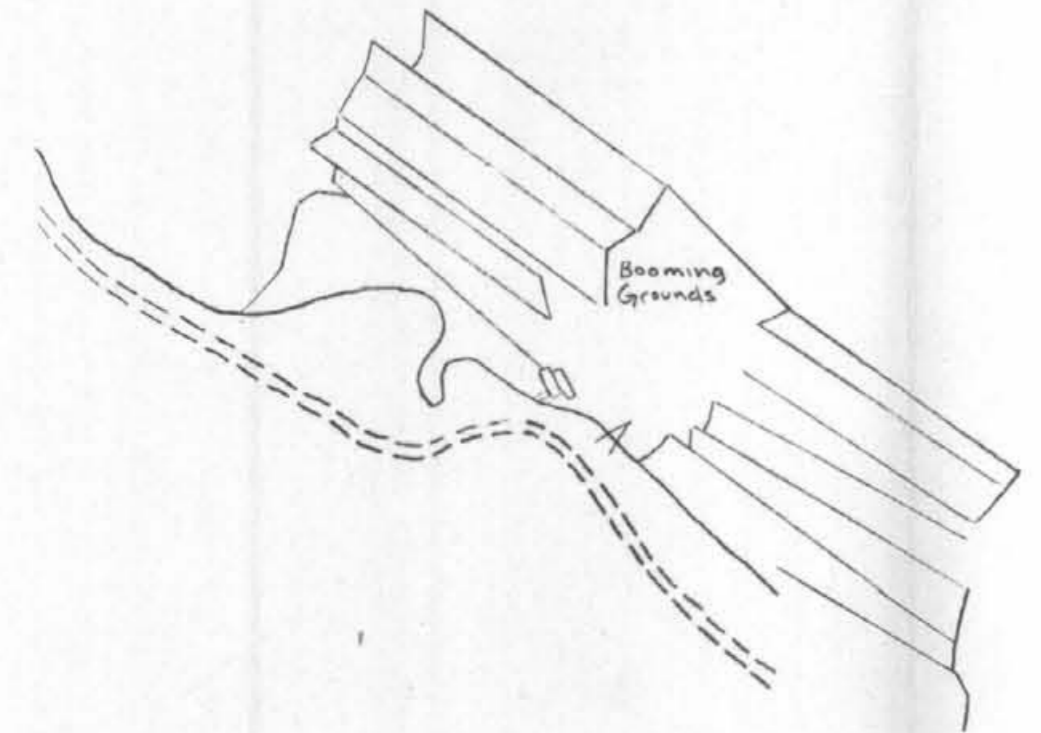
PROSPECTING MAP  
(PAPA GROUP WEST)

DAIWAN ENGINEERING LTD.

DATE	July '91	SCALE	1:5,000	FIG. NO.	3b
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FOR LOCATION SEE MAP 3C.

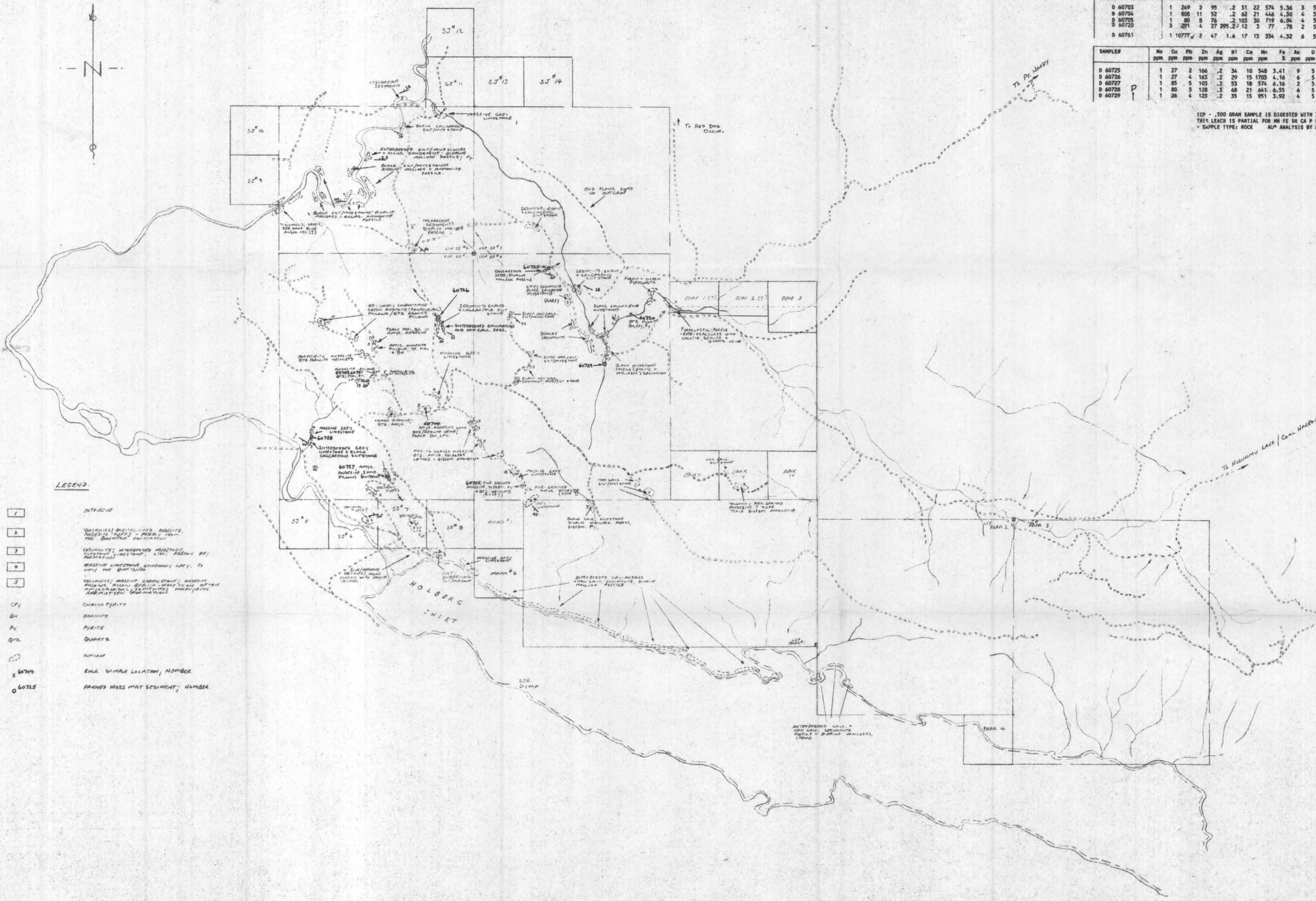
H O L B E R G  
I N L E T



SAMPLE	Mo	Cu	Pb	Zn	Ag	Hg	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	Li	Cr	Hg	Ba	Ti	B	Al	Na	K	Li	Hg	Au*		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm			
D 60703	1	269	2	95	-	2	31	22	576	5.36	3	5	ND	1	26	-	2	2	160	4.01	.045	5	16	1.23	1	.61	19	3.20	.05	.01	2	5	1	8
D 60704	1	808	11	52	-	2	62	21	446	4.30	4	5	ND	1	47	-	2	2	142	9.05	.024	4	46	1.35	1	.34	33	5.07	.05	.01	2	4	1	22
D 60705	1	80	8	76	-	2	103	30	719	6.04	4	5	ND	1	139	-	2	2	152	1.71	.068	8	97	2.76	61	.66	12	3.02	.15	.04	2	4	1	5
D 60720	3	291	4	27	295	2	12	3	77	.78	2	5	ND	1	6	-	4	2	4	.37	.006	2	9	.02	1	.01	3	.18	.01	.01	1	2	1	1150
D 60761	1	10777	2	47	1.6	17	13	334	4.32	6	5	ND	1	25	-	5	2	33	130	6.65	.030	4	12	.62	2	.41	14	4.02	.02	.01	1	2	1	12

SAMPLE	Mo	Cu	Pb	Zn	Ag	Hg	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	Li	Cr	Hg	Ba	Ti	B	Al	Na	K	Li	Hg	Au*		
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
D 60725	1	27	2	166	-	2	34	10	548	3.41	9	5	ND	1	37	1.2	2	2	98	.43	.051	4	33	.51	152	.05	2	1.47	.01	.04	1	3		
D 60726	1	27	4	163	-	2	29	15	705	4.16	6	5	ND	1	119	-	4	2	72	.60	.055	5	17	.95	502	.04	3	2.41	.01	.06	1	2		
D 60727	1	85	5	103	-	2	33	18	574	4.16	2	5	ND	1	43	-	5	2	220	1.87	.043	6	80	1.26	37	.43	30	2.48	.05	.03	1	3		
D 60728	1	80	3	128	-	3	68	21	641	6.55	4	5	ND	1	53	1.0	4	2	213	2.46	.049	6	69	1.54	34	.61	19	3.10	.04	.03	1	6		
D 60729	1	26	4	123	-	2	35	15	951	3.92	4	5	ND	1	63	.3	2	2	87	.78	.050	5	28	.87	151	.20	2	1.86	.03	.05	1	2		

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 Ni, Fe, Sr, Ca, P, La, Cr, Hg, Ba, Ti, B, V AND LIMITED FOR Na, K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. SAMPLE TYPE: ROCK. AU\* ANALYSIS BY ACID LEACH/AAS FROM 10 GR SAMPLE.



- LEGEND**
- 1 INTRUSIVE
  - 2 VOLCANIC: ANDALUSITE AND SILICEOUS ANDALUSITE, ANDALUSITE TRIPS - PARLY FROM THE QUANTIN FORMATION
  - 3 SEDIMENTS: INTERBEDDED MIDDLE AND UPPER LIMESTONE, LIME, SANDY LIME
  - 4 MASSIVE LIMESTONE, GREENISH GRAY, IN PART THE QUANTIN
  - 5 VOLCANIC: MASSIVE CARBONATE, ANDALUSITE TRIPS, ANDALUSITE TRIPS - PARLY FROM THE QUANTIN FORMATION
  - CPY CHALCO PYRITE
  - DR DRUSE
  - PY PYRITE
  - QTZ QUARTZ
  - OUTL OUTLIER
  - X 60704 ROCK SAMPLE LOCATION, NUMBER
  - O 60725 RANDED MOSS MAT SEDIMENT, NUMBER

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**21,732**

Scale: 1:20,000 Date: July 91 Fig: 3 c

UNIVERSAL TRIDENT INDUSTRIES LTD.  
 SJ CLAIM GROUP  
 NORTHERN VANCOUVER ISLAND

**PROSPECTING MAP**

DAIWAN ENGINEERING LIMITED  
 Scale: 1:20,000 Date: July 91 Fig: 3 c

DRAWN BY: AND BURNETT  
 J.C. ALLEN  
 STEVE GALEY