

Report on the 2002

Check Sampling Program

on the

Brandywine Property
Mining Lease No. 3(Lot 3480)

NTS 92J/3E 50° 05' N 123° 08' W Vancouver Mining Division

for:

Avola Industries Inc. 4420, 60B Street Delta, B.C., V4K 3K8

author:

David St. Clair Dunn, P.Geo. 1154 Marine Drive Gibsons, B.C., V0N 1V1

> December, 2002 GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

> > 27,116

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Table 1 Table Showing Drill Holes, Intervals Sampled, and Sample Results

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Property Geology, Recommended Drill Hole Locations Map 1 And Area of Recommended Geophysical Survey In Pocket

1.0 Summary

The author was commissioned by Mr. Peter Dasler, President of Avola Industries Inc; the owner of the mining lease and claims which comprise the Brandywine Property, to carry out check sampling on parts of ten diamond drill holes drilled in 1995 and 1996 on the Brandywine Property in the Dave's Pond Zone. The purpose of this program was to confirm significant gold values returned from assays of samples taken from the 1995 and 1996 drill holes. These significant gold values form the core of an unclassified mineral resource of 73,872 tonnes grading 8.87 g/t gold with a 1.0 g/t gold cut off calculated by Kilborn Engineering Pacific Ltd. in 1996. Forty-five samples were taken of quarter core splits and were analysed for gold by fire assay at ALS Chemex's North Vancouver laboratory. Representative sub samples were pulverised and screened for metallics, with all of the +106 micron material assayed and two 30 gram subsamples of the -106 micron material assayed. The 2002 sample results were, in general, less than 10% of the 1995 and 1996 results. Forty-one samples were substantially lower than the 1995 and 1996 results, three samples correlated well and one sample was higher.

The Brandywine property has received considerable past work, beginning in the 1920's when the major known showings were staked. The property is underlain by a Lower Cretaceous, metavolcanic and metasedimentary roof pendant, the Callaghan Creek roof pendant. This unit is probably co-eval with Gambier group, which hosts the Britannia Mine. The roof pendant is enclosed by early to late Cretaceous intrusive rocks of the Coast Plutonic Complex.

There are two distinct styles of mineralization on the property. Massive to stringer base metal sulphides associated with rhyolite tuff horizons, in the Callaghan Creek roof pendant, exemplified by the Tedi Pit and structurally controlled, precious metals mineralization, near the contact of the roof pendant and the surrounding intrusives, exemplified by the Main Showing and Dave's Pond showing. The Main Showing and Dave's Pond are at the junctions of north trending faults with an east-north-east (73°) trending fault.

High grade mineralization has been shipped from both the Tedi Pit and Main Showing areas. Five hundred tons were shipped to the Cominco Smelter in Trail from the Tedi Pit in 1967 which assayed:

Pb - 14.2% Zn - 12.5% Ag - 339gm/ton Au - 2.57gm/ton.

Fifty tons were shipped to the smelter at East Helena, Montana from the Main Showing in 1965 which assayed:

Au - 83.1 gm/ton Ag - 354 gm/ton Pb - 9.9% Zn - 7.4% Cu - 0.30%.

Other structurally controlled showings, the Silver Tunnel, McKenzie Mill and Quartz Tunnel are present on the property. There are also minor skarn showings within limestone units of the Callaghan Creek roof pendant.

2.0 Conclusions

The 2002 Check Sampling Program did not confirm the results of the 1995 and 1996 sample results. The 2002 program revealed an extremely serious contamination problem in the 1995 and 1996 sample results. The mineral resource calculated from the 1995 and 1996 drill results in the Dave's Pond area should be discounted. Gold mineralization does exist in the area but it is neither as high grade nor as continuous as the 1995 and 1996 assay results indicated. To properly evaluate the resource it would be necessary to drill across the mineralizing structure which has an attitude of: Strike 73° Dip 0° to 20° south. Further drilling to test this structure should be drilled at: Azimuth 343° Inclination -45°.

Keeping in mind the above qualification, the area covered by the Brandywine Property is highly mineralized. Sections of the mineralizing structure between the Main Showing and Dave's Pond and to the east of Dave's Pond have not been drill tested. There is also the potential to outline more deposits similar to the Main Showing and Dave's Pond at similar fault intersections. Intersections of this nature exists at Grid Co-ordinates(Placer Dome 1989 grid): 47+15E 66+75N, 48+00E 66+85N, and 50+25E 67+20N.

The potential to find more base metal volcanogenic massive sulphide mineralization north of the Tedi Pit is good. This area, covered by the northern three units of the Brandy 6 claim, has not had any geophysical surveys carried out on it.

3.0 Recommendations

Detailed geological mapping at a scale of 1:1,000 or larger with an emphasis on structures should be carried out in the area of the Main Showing, Dave's Pond and further to the east northeast along the mineralized trend.

Three diamond drill holes, totalling approximately 300 meters, should be drilled to test the fault junctions east north east of the Main Showing and Dave's Pond. Specifically, the holes should be drilled as follows:

Collar	Bearing	3	Inclination	Length (PD grid 1989)
47+20E 66	+40N	343°	-45°	100 m
48+20E 66	+40N	343°	-45°	100 m
50+20E 66	+70N	343°	-45°	100 m

A pulse-em, UTEM, or gravity geophysical survey should be carried out from Line 85 north to the northern claim boundary. The recommended work is estimated to take four weeks and cost \$70,000.

Respectfully submitted.

David St. Clair Dum, P. Geo.

4.0 Introduction

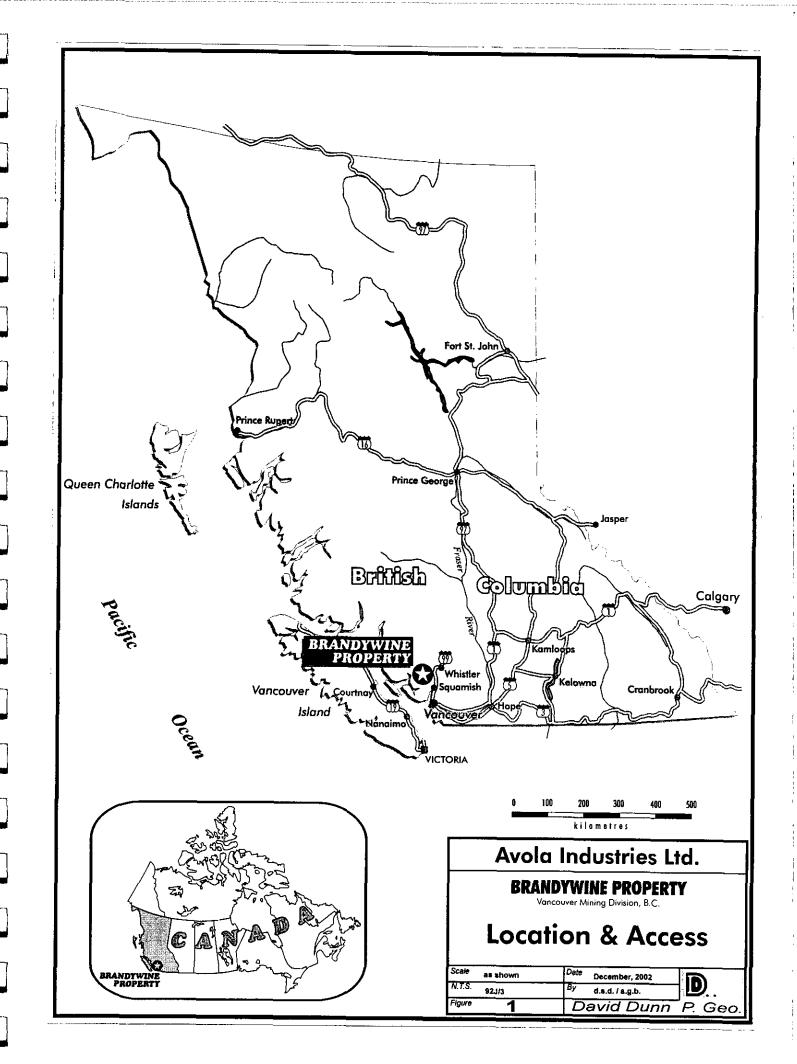
The author was commissioned by Mr. Peter Dasler, President of Avola Industries Inc., to check sample drill core from 1995 and 1996 drill programs carried out on Avola's Brandywine Property(Figs. 1, 2 and 4). The core is stored on the property, specifically on the Brandy A claim, approximately 20 meters west of the B.C. Rail line at the rail station of McGuire. McGuire consists of one substantial house with year round renters and several shacks and cabins. The core is in racks south and east of one of the shacks.

The author went to the site on the 18th and 19th of November, 2002 and resampled the core with the assistance of A. J. Muirhead, a geological technician. Parts of ten holes were resampled (Table 1). The core that was resampled was NQ and had been previously sampled using a diamond saw. Recovery is estimated to have been greater than 90%, judging by the amount of core remaining in the boxes. The core was mechanically quartered over the same intervals as originally sampled. Hole 96-1 had been previously resampled with a diamond saw and all of the remaining one quarter of the core was taken.

5.0 Location and Access

The Brandywine property is located approximately 100 km. north of Vancouver (Fig. 1). A major communication corridor crosses the south eastern part of the property. Provincial Highway 99, the B.C. Rail mainline and three major power lines are in this corridor.

Access from Vancouver is via Highway 99, 92 kilometres to the property. Access from Highway 99 to the western and northern parts of the property is possible via a network of logging and mine access roads. Logging mainlines follow both Brandywine and Callaghan Creeks across the property(Fig. 2).



6.0 Physiography and Climate

Topography on the property is moderate with some rugged areas. The junction of Callaghan Creek and the Chekamus River valleys is located in a large gently east sloping area, two kilometres east-west by five kilometres north-south, located in the eastern third of the property, with the western two thirds of the property dominated by the steep east-facing slopes of Mount Brew and Metal Dome Mountain and the Brandywine Creek valley. Elevations range from 400 meters ASL near Daisy Lake in the south-east corner of the property to 1400 meters ASL on the flank of Metal Dome Mountain on the western edge of the property.

The climate is West Coast Marine with generally mild temperatures, heavy spring and fall rains, and heavy winter snowfall. Much of the property(~50%) has been clear cut. The remainder is covered by mature cedar, hemlock, spruce, and Douglas fir.

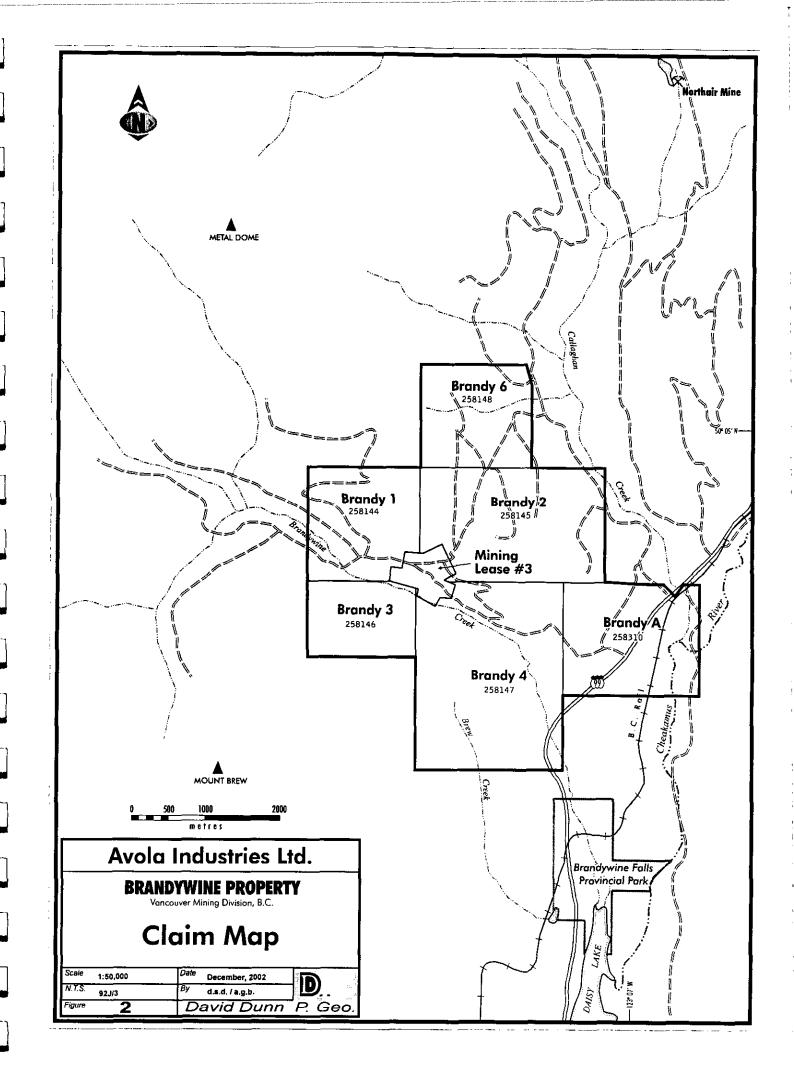
7.0 Property Status and Ownership

The Brandywine property is owned by Avola Industries Inc. with a 0.5% NSR royalty payable to Consolidated Silver Tusk Mines Ltd. The property consists of six mineral claims totalling 71 units and Mining Lease No. 3(Fig. 2). The entire property is approximately 1775 hectares in area. The following table lists claims and their status:

UNITS	RECORD NO.	EXPIRY DATE
6	3480	2/9/03
		,
9	258144	14/4/03
15	258145	14/4/03
6	258146	14/4/03
20	258147	14/4/03
9	258148	14/4/03
12	258310	14/4/03
	9 15 6 20 9	6 3480 9 258144 15 258145 6 258146 20 258147 9 258148

8.0 Exploration History

The main showings were initially staked in the 1920's. A description of the showings appears in the 1936 Report to Minister of Mines under the names Astra, Cambria (Tedi Pit), and Blue Jack



(Silver Tunnel, Main Showing).

Recent exploration includes a 50 ton bulk sample shipped to the smelter in East Helena, Montana in 1965 by Mr. Martial Levasseur.

Van Silver Explorations Limited carried out some work around the Main Showing and Silver Tunnel between 1965 and 1969.

Between 1967 and 1969 Barkley Valley Mines conducted a drilling and pitting program in the area of the Tedi Pit.

In 1969 Noranda Exploration optioned the property and completed soil geochemical, geophysical, and geological surveys over much of the property.

In 1977 Van Silver Mines Ltd. built a 150 ton per day mill, which treated mineralization from the Main Showing and Tedi Pit for a few months in the fall of 1977.

In 1978 the property was optioned to Cominco, who drill tested the Silver Tunnel and Main Showing areas.

Surface exploration was carried out in 1979,1981, and 1983 by Brandy Resources, part of the Northair group of companies.

In 1988 Placer Dome optioned the property and carried out geological, geochemical, and geophysical surveys in 1988 and 1989.

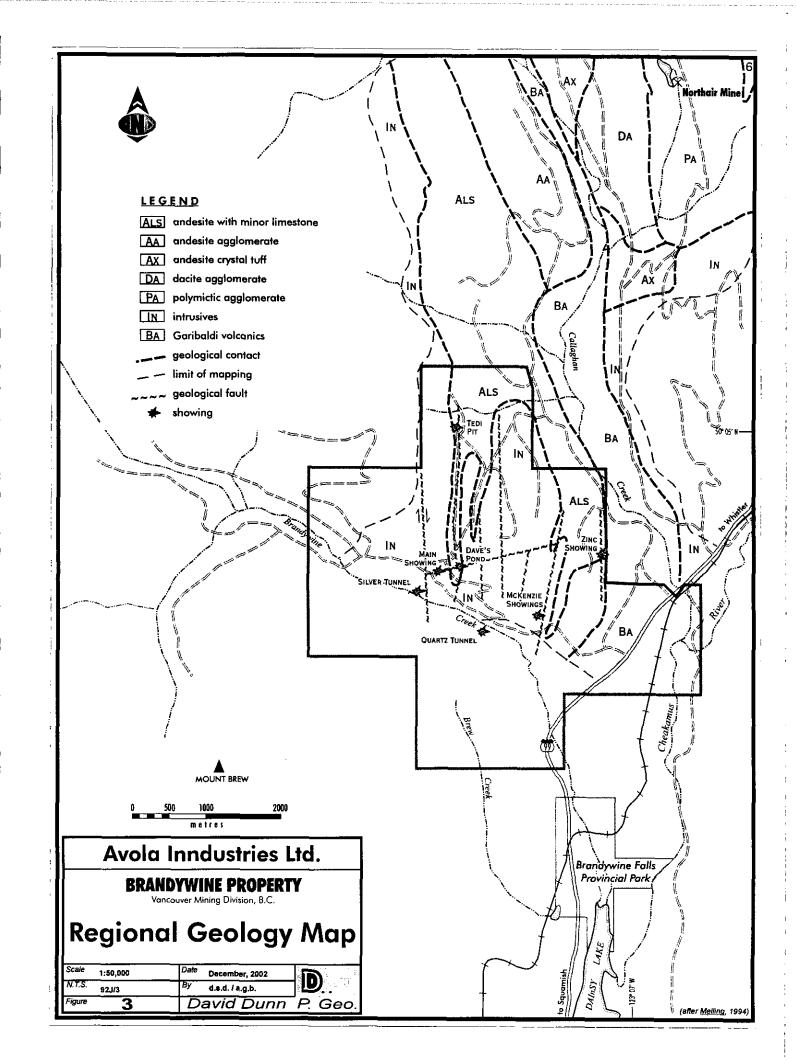
In 1991 La Rock Mining Corp. acquired the property and carried out additional geophysical surveys in 1991 and 1992.

From 1992 to the 1997 La Rock and has been drill testing the property. A total of 134 recorded diamond drill holes totalling 9892.5 meters have been drilled on the Tedi Pit, Dave's Pond, Main Showing, Zinc Zone, Little Lake, and other targets.

9.0 Regional Geology

The Brandywine Property lies within the Coast Plutonic Complex of the Canadian Cordillera(Fig.3). The property covers part of the Callaghan Creek roof pendant, a Lower Cretaceous metamorphosed volcanic-sedimentary package surrounded by Early to Late Cretaceous intrusives of the Coast Plutonic Complex. The roof pendant is probably co-eval with the Gambier Group, the host to the Britannia Mine, a volcanogenic massive sulphide deposit. This mine operated from 1905 to 1975 and produced 55 million tons of ore, grading 1.1% copper, 0.65% zinc, 0.2 oz./ton silver, and 0.02 oz./ton gold.

Structurally, the Brandywine Property covers the junction of three major regional faults trending 0°, 70°, and 108° (Pinsent, R., Personal Communication, 1998). Structurally controlled precious metals mineralization has been exploited in the region, notably at the Northair Mine, four kilometres north of the Brandywine Property. This mine operated from 1974 to 1982 and produced 582,923 tons of ore grading 0.31 oz./ton gold, 1.62 oz./ton silver, 1.13% lead and 1.54% zinc.



10.0 Property Geology and Mineralization

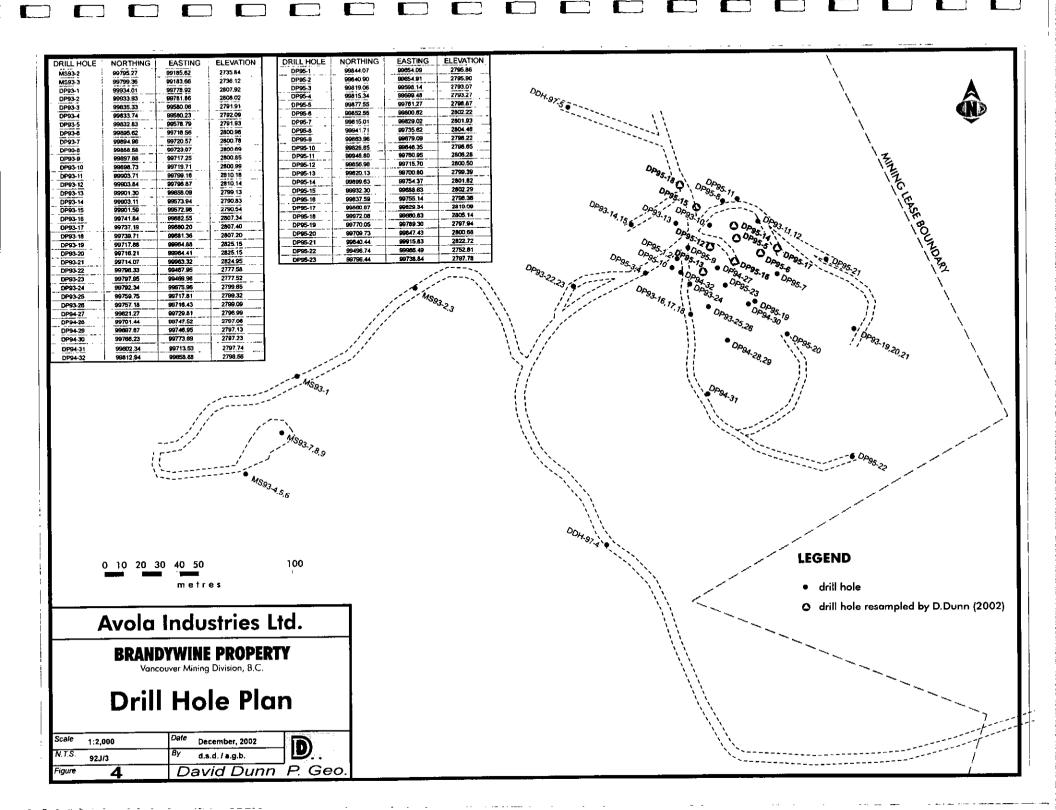
The northern half of the Brandywine Property covers part of the Callaghan Creek roof pendant which interfingers with intrusives of the Coast Plutonic Complex in the central and southern parts of the property(Map 1). The eastern edge of the property is covered by a thin veneer of very recent vesicular basalt, part of the Garibaldi Volcanics. The roof pendant consists mainly of andesite to dacite flows and pyroclastics, with minor rhyolite and limestone. These rocks strike north-westerly and dip steeply both east and west. They have been altered to green schist facies on a regional scale, with more intense alteration near the larger structures. Within this sequence, volcanogenic massive sulphide mineralization can be found, spatially, and probably genetically, associated with a rhyolite dome and tuff horizon. The most developed showing of this type is the Tedi Pit. The mineralization consists of massive to stringer pyrite-galena-sphalerite-chalcopyrite. Five hundred tons, grading 14.2% lead, 12.5% zinc 339 grams/tonne silver, and 2.57 grams/tonne gold are reported (Melling,1994) to have been shipped to the Cominco Smelter in Trail in 1967. Fifty-nine recorded diamond drill holes totalling over 3000 meters have been drilled in the immediate area Of the Tedi Pit. This work has not succeeded in outlining a significant mineral resource.

The Coast Plutonic Complex intruding and surrounding the Callaghan Creek roof pendant consists of at least eight different units on the property including diorite, granodiorite, and late stage felsic and andesitic dikes. Most contacts between the intrusives and volcanic-sedimentary rocks are metasomatic contacts, making exact lithologic boundaries difficult to determine. Near the contacts, precious metals showings are present, localized at the junctions of north trending faults and an east-north-east trending fault. The rocks near the structures exhibit a higher level of alteration, including silicification and argillic alteration. The showings of this type that have been best developed to date are the Silver Tunnel, Main Zone, and Dave's Pond. A 50 ton bulk sample grading 83.1 grams/tonne gold, 354 grams/tonne silver, 9.9% lead, 7.4% zinc, 0.30% copper is reported to have been shipped to East Helena, Montana (Melling,1994). Seventy-five recorded diamond drill holes, totalling more than 6,000 meters have been drilled on these three zones. The Main Showing and Dave's Pond appear to be steeply dipping pencil shaped mineralized bodies, following the fault junctions. Drilling has shown these deposits are of limited size.

The only reliable resource developed by the drilling is 73,872 tonnes grading 8.87 grams/tonne with a 1.0 g/t cut off, calculated by Kilborn Engineering Pacific Ltd. in 1997 to be present at Dave's Pond(Kilborn,1997). The work that is the subject of this report was designed to check the accuracy of the original assays that formed the core of the Kilborn resource estimate.

11.0 2002 Check Sampling Program

The object of the 2002 program was to check assays from core samples taken from 1995 and 1996 drill holes(Fig. 4). Forty-five quarter core splits were taken over the same intervals as 45 of the 1995 and 1996 samples(Table 1). The core was washed in water before quartering in an attempt to remove any possible surface contamination. Quatered samples were placed in a



DP Zon	e ******	TABLE1:*	*****		1995-96	2002	2002	Acme 2002
HOLE	SAMPLE		RADE(oz/t) < 1	to CA	Grade(g/t) G	rade(g/t) S	AMPLE	
95-5	11286	103-105.5	2.12 5 t	to 10	65.9	2.16	198951	7-128
	11291	118-120.5	1.43	30-Jan	44.5	0.6	952	
	11286	120.5-123	2.4 ?		74.64	1.89	953	1-85
95-6	11227	66-71	1.851 II t	o 60	57.57	2.73	954	
	11228	71-76	1.293	90	40.21	1.85	955	
	11229	76-81	0.302	90	9.39	0.16	956	
	11246	93-98	1	30	31.1	3.39	957	
	11247	98-103	1.429 bn	xx	44.44	3.85	958	
	11248	103-108	1.35	30	41.98	0.67	959	
	11249	108-113	0.342 li t	o CA	10.64	0.08	960	
95-12	12377	28-33	2.393 II t	o CA	74.42	0.17	961	
	12378	33-38	0.239 II t	o CA	7.43	0.26	962	
	12392	90.5-93	1.82	60	56.6	1.89	963	
	12402	133-138	2.248	80	69.91 <0).05	964	
95-13	12451	18-28	2.355	30	72.24	0.05	965	0.15
	12452	28-33	0.394	30	12.25	0.32	966	
	12453	33-38	1.328	25	41.3	1.14	967	
	12454	38-43	0.967	30	30.07	0.5	968	
	12455	43-48	1.554	30	48.33 <0).05	969	
95-14	12506	68-73	0.432	15	13.44	1.97	970	
	12509	73-78	0.945	20	29.39	0.07	971	
	12511	83-88	0.492	20	15.3	0.08	972	
		93-98	0.566 II t	to 20	17.6	12.7	973	
	12514	98-103	0.168 ll t	o 20	5.22	2.52	974	
	12515	103-108	0.34 If t	o 20	10.57	10.5	975	
	12515	108-113	0.953 II t	o 20	29.64	1.46	976	
	12516	113-118	0.172 II t	o 20	5.35	5.26	977	
95-15	12549	27-33	0.133 II		4.14	2.26	978	
	12565	98-103	0.607	20	18.88	0.15	979	
	12568	113-118	0.318	15	9.89	0.07	980	
	12569	118-123	0.006	15	0.187	0.27	981	
	12570	123-128	0.81	25	25.19	0.06	982	
95-16	12618	88-93	0.341 lit	0 20	10.6	0.15	983	
	12619	93-98	0.222 II t	o 20	6.9	0.16	984	
	12625	123-128	1.038	40	32.28	0.35	985	
	12626	128-133	0.523	40	16. 2 6	0.09	986	
95-17	12669	82-88	0.034 15	to 30	1.06	0.09	987	
	12670	88-93	0.375 15	to 30	11.66	36.9	988	30. 3 8
		108-113	0.552 15	to 30	17.17	0.84	989	
95-18	12723	63-68	0.597 40	to 70	18.57 <	0.05	990	
96-1		153-158	0.541		16.82 <0).05	991	
		158-163	1.8		55.98 <	0.05	992	
		178-183	0.668		20.77 <		993	
		188-193	1.309		40.71 <	0.05	994	
		209-214	1.418		44.1 <(995	

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DP Zon	e ******	TABLE1: *****	***		1995-96	2002	2002
HOLE		INTERVAL GRAD		< to CA		Grade(g/t)	SAMPLE
95-5		103-105.5		5 to 10	65.9	2.16	198951
		118-120.5		30 to CA	44.5	0.6	952
		120.5-123	2.4		74.64	1.89	953
95-6	11227		1.851	li to 60	57.57	2.73	954
	11228	71-76	1.293	90	40.21	1.85	955
	11229	76-81	0.302	90	9.39	0.16	956
	11246	93-98	1	30	31.1	3.39	957
		98-103	1.429	pux	44.44	3.85	958
		103-108	1.35	30	41.98	0.67	959
		108-113		ii to CA	10.64	80.0	960
95-12		28-33		II to CA	74.42	0.17	961
		33-38		li to CA	7.43	0.26	962
		90.5-93	1.82	60	56.6	1.89	963
05.40		133-138	2.248	80	69.91		964
95-13		18-28	2.355	30	72.24	0.05	965 066
		28-33	0.394	30	12.25	0.32 1.14	966 067
		33-38 38-43	1.328 0.967	25 30	41.3 30.07	0.5	967 968
		43-48	1.554	30	48.33		969
95-14		68-73	0.432	15	13.44	1.97	970
00-14		73-78	0.945	20	29.39	0.07	971
		83-88	0.492	20	15.3	0.08	972
		93-98		II to 20	17.6	12.7	973
		98-103		II to 20	5.22	2.52	974
		103-108		ll to 20	10.57	10.5	975
		108-113		II to 20	29.64	1.46	976
	12516	113-118	0.172	II to 20	5.35	5.26	977
95-15	12549	27-33	0.133	n	4.14	2.26	978
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		118-123	0.006	15	0.187	0.27	981
		123-128	0.81	25	25.19	0.06	982
95-16	·— ·	88-93		II to 20	10.6	0.15	983
		93-98		II to 20	6.9	0.16	984
		123-128	1.038	40	32.28	0.35	985
		128-133	0.523	40	16.26	0.09	986
95-17		82-88		15 to 30	1.06	0.09	987
		88-93		15 to 30	11.66	36.9	988
05.40		108-113		15 to 30	17.17	0.84	989
95-18	12/23	63-68		40 to 70		<0.05	990
96-1		153-158	0.541			<0.05 <0.05	991 992
		158-163 178-183	1.8 0.668			<0.05 <0.05	992 993
		188-193	1.309		40.71		993 994
		209-214	1.418			<0.05 <0.05	995
		4U3-414	1.410			~U.UJ	333

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plastic sample bag with the corresponding sample tag and delivered to ALS Chemex's laboratory in North Vancouver. Samples were crushed to -10 mesh and a representative 500 gram split taken. The 500 gram split was then pulverised to -100 mesh. Two representative 30 gram splits were then screened at 106 microns. All of the oversize was fire assayed and two 30 gram fire assays were carried out on the undersize(Appendix A). Results were then calculated to give a representative assay for the whole sample.

Correlation with the 1995 and 1996 assays was extremely poor. The 2002 samples averaged less than 5% of the gold values of the 1995 and 1996 samples. Forty-one samples were much lower than the 1995-1996 results, three samples correlated well and one was higher. The only reasonable conclusion is that the 1995 and 1996 samples were systematically contaminated. All of the 1995 and 1996 assay results should be discounted and the resource calculated from these results likewise discounted.

The parts of the core that were resampled were also relogged(Appendix B). Relogging the core showed that the 1995 and 1996 drill holes, drilled vertically, were drilled down or within 15° of a near vertical structure, making analysis of the results and resource calculations very difficult.

12.0 Bibliography

Dunn, D. St. C. (1998) Report on the 1997 Diamond Drilling Program on the Brandywine Property. Unpublished report prepared for La Rockj Mining Corporation.

Fox, P.E.(1993) Report on the Brandywine Property. Unpublished report prepared for La Rock Mining Corporation.

Gewargis, W.E. (1995) 1995 Diamond Drill Report on the DP Zone of the Brandywine Property. Unpublished report for La Rock Mining Corporation

Kilborn Pacific Engineering Ltd.(1997) Tonnes and Grade Estimation and Mining Options. Unpublished report prepared for La Rock Mining Corporation.

Melling, D.R.(1976) Geological progress report on the Brandywine Creek Property. Unpublished report prepared for Van Silver Explorations Limited.

Minister of Mines Report (1936) B.C. Government publication, pp. F53-F58.

Pinsent, R. H.(1990) Geological and Geochemical Report, Brandywine Property. Unpublished report prepared for La Rock Mining Corporation

White, G.E.(1992) Pulse Electromagnetic Report. Unpublished report prepared for La Rock Mining Corporation.

White, G.E.(1993a) Summary Diamond Drilling Report (Tedi Pit). Unpublished report prepared for La Rock Mining Corporation.

White, G.E. (1993b) Diamond Drill Logs and Sections (Dave's Pond). Unpublished report prepared for La Rock Mining Corporation.

Woodsworth, G.J.(1974) Report on Samples. Brandywine Creek property.

Appendix A

Sample Results and Analytical Methods



EXCELLENCE IN ANALYTICAL CHEMISTRY

ALŞ Canada Lld. 212 Brooksbank Avenue North Vancouver BC V7J 2C1 Canada Phone: 604 984 0221 Fax: 604 984 0218 750 GRAND BLVD. **NORTH VANCOUVER BC V7L 3W4**

Date: 4-Dec-2002

Account: AVOIND

CERTIFICATE VA02006203

Project : Brandy Wine

P.O. No:

This report is for 45 ROCK samples submitted to our lab in North Vancouver, BC, Canada on 22-Nov-2002.

The following have access to data associated with this certificate:

PETER DASLER PETER DASLER DAVID DUNN

SAMPLE PREPARATION							
ALS CODE	DESCRIPTION						
WEI-21	Received Sample Weight						
LOG-22	Sample login - Rcd w/o BarCode						
CRU-31	Fine crushing - 70% <2mm						
SPL-21	Split sample - riffle splitter						
PUL-32	Pulverize 1000g to 85% < 75 um						
SCR-21	Screen to -100 um						

ANALYTICAL PROCEDURES								
ALS CODE	DESCRIPTION	INSTRUMENT						
Au-SCR21	Screen Fire Assay Au - 100 um	WST-SIM						
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM						
Au-GRA21d	Au 30g FA-GRAV finish - DUP	WST-SIM						

To: AVOLA INDUSTRIES ATTN: DAVID DUNN 1154 MARINE DRIVE **GIBSONS BC V0N 1V1**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

These Box

Signature:



ALS Chemex

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AUS Canada Ltd.

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750 GRAND BLVD.
NORTH VANCOUVER BC V7L 3W4

Page #: 2-A Total # of pages: 3 (A)

Date: 4-Dec-2002
Account: AVOIND

Project : Brandy Wine

CERTIFICATE OF ANALYSIS VA02006203

	Method Analyte Units LOR	WEI-21 Recvd Wt kg 0.02 1.02 0.82 0.86 1.62 1.80 1.56 1.24 1.68 1.26 1.76	Au-SCR21 Au Total ppm 0.05 2.16 0.60 1.89 2.73 1.85 0.16 3.39 3.85 0.67 0.08	Au-SCR21 Au (+) F ppm 0.05 19.00 0.28 5.04 58.1 25.1 0.64 19.35 8.69 1.69	Au-SCR21 Au (-) F ppm 0.05 1.76 0.61 1.80 1.78 1.37 0.16 3.00 3.74	Au-SCR21 Au (+) m mg 0.001 0.410 0.005 0.116 1.514 0.789 0.003 0.525	Au-SCR21 WT. + Fr 9 0.01 21.57 17.66 23.03 26.04 31.43	Au-SCR21 WT Fr 9 0.1 912.0 746.1 747.2 1505.5 1522.0	Au-GRA21 Au ppm 0.05 1.78 0.55 1.56 1.30	Au-GRA21d Au ppm 0.05 1.74 0.66 2.03
Sample Description 198951 198952 198953 198954 198955 198956 198957 198958 198959 198960 198961 198962 198963	Analyte Units	Recvd Wt kg 0.02 1.02 0.82 0.86 1.62 1.80 1.56 1.24 1.68 1.26 1.76 1.50	Au Total ppm 0.05 2.16 0.60 1.89 2.73 1.85 0.16 3.39 3.85 0.67	Au (+) F ppm 0.05 19.00 0.28 5.04 58.1 25.1 0.64 19.35 8.69 1.69	Au (-) F ppm 0.05 1.76 0.61 1.80 1.78 1.37 0.16 3.00 3.74	Au (+) m mg 0.001 0.410 0.005 0.116 1.514 0.789	WT. + Fr 9 0.01 21.57 17.66 23.03 26.04 31.43	WT Fr 8 0.1 912.0 746.1 747.2 1505.5	Au ppm 0.05 1.78 0.55 1.56	Au ppm 0.05 1.74 0.66
Sample Description 198951 198952 198953 198954 198955 198956 198957 198958 198959 198960 198961 198962 198963		1.02 0.82 0.86 1.62 1.80 1.56 1.24 1.68 1.26 1.76	2.16 0.60 1.89 2.73 1.85 0.16 3.39 3.85 0.67	0.05 19.00 0.28 5.04 58.1 25.1 0.64 19.35 8.69 1.69	0.05 1.76 0.61 1.80 1.78 1.37 0.16 3.00 3.74	0.410 0.005 0.116 1.514 0.789	21.57 17.66 23.03 26.04 31.43	912.0 746.1 747.2 1505.5	0.05 1.78 0.55 1.56	ppm 0.05 1.74 0.66
198951 198952 198953 198954 198955 198956 198957 198958 198959 198960 198961 198962 198963	LOR	1.02 0.82 0.86 1.62 1.80 1.56 1.24 1.68 1.26 1.76	2.16 0.60 1.89 2.73 1.85 0.16 3.39 3.85 0.67	19.00 0.28 5.04 58.1 25.1 0.64 19.35 8.69 1.69	1.76 0.61 1.80 1.78 1.37 0.16 3.00 3.74	0.410 0.005 0.116 1.514 0.789	21.57 17.66 23.03 26.04 31.43	912.0 746.1 747.2 1505.5	1.78 0.55 1.56	1.74 0.66
198952 198953 198954 198955 198956 198957 198958 198959 198960 198961 198962 198963		0.82 0.86 1.62 1.80 1.56 1.24 1.68 1.26 1.76	0.60 1.89 2.73 1.85 0.16 3.39 3.85 0.67	0.28 5.04 58.1 25.1 0.64 19.35 8.69 1.69	0.61 1.80 1.78 1.37 0.16 3.00 3.74	0.005 0.116 1.514 0.789	17.66 23.03 26.04 31.43	746.1 747.2 1505.5	0.55 1.56	0.66
198953 198954 198955 198956 198957 198958 198959 198960 198961 198962 198963		0.86 1.62 1.80 1.56 1.24 1.68 1.26 1.76	1.89 2.73 1.85 0.16 3.39 3.85 0.67	5.04 58.1 25.1 0.64 19.35 8.69 1.69	1.80 1.78 1.37 0.16 3.00 3.74	0.116 1.514 0.789 0.003	23,03 26.04 31.43	747.2 1505.5	1.56	
198954 198955 198956 198957 198958 198959 198960 198961 198962 198963		1.62 1.80 1.56 1.24 1.68 1.26 1.76	2.73 1.85 0.16 3.39 3.85 0.67	58.1 25.1 0.64 19.35 8.69 1.69	1.78 1.37 0.16 3.00 3.74	1.514 0.789 0.003	26.04 31.43	1505.5		2.03
198955 198956 198957 198958 198959 198960 198961 198962 198963		1.80 1.56 1.24 1.68 1.26 1.76	1.85 0.16 3.39 3.85 0.67	25.1 0.64 19.35 8.69 1.69	0.16 3.00 3.74	0.789 0.003	31.43		1 20	
198956 198957 198958 198959 198960 198961 198962 198963		1.56 1.24 1.68 1.26 1.76	0.16 3.39 3.85 0.67	0.64 19.35 8.69 1.69	0.16 3.00 3.74	0.003		4522 A	1.30	2.25
198957 198958 198959 198960 198961 198962 198963		1.24 1.68 1.26 1.76	3.39 3.85 0.67	19.35 8.69 1.69	3.00 3.74			1944.0	0.99	1.75
198958 198959 198960 198961 198962 198963		1.68 1.26 1.76	3.85 0.67	8.69 1.69	3.74	0.525	4.68	1316.0	0.07	0.25
198959 198960 198961 198962 198963		1.26 1.76 1.50	0.67	1.69			27.12	1108.0	2.97	3.03
198960 198961 198962 198963		1.26 1.76 1.50	0.67			0.295	33.94	1489.5	3.70	3.78
198961 198962 198963		1.50	0.08	0.40	0.64	0.050	29.61	1119.0	0.56	0.72
198962 198963				0.12	0.08	0.003	24.44	1630.0	0.06	0.10
198962 198963			0.17	<0.05	0.17	<0.001	4.91	1326.5	0.13	0.22
198963		1.54	0.26	0.18	0.26	0.004	21.67	1353.5	0.30	0.23
		0.92	1.89	8.65	1.75	0.146	16.87	843.9	1.87	1.63
		1.68	<0.05	<0.05	<0.05	0.001	24.96	1517.0	<0.05	<0.05
198965		1.48	0.05	0.15	0.05	0.004	27.21	1293.5	< 0.05	0.07
198966		1.44	0.32	0.27	0.32	0.005	18.41	1210.0	0.20	0.43
198967		1.56	1.14	1.29	1.13	0.046	35.59	1323.5	1.10	1.17
198968		0.90	0.50	0.60	0.49	0.021	34.93	789.4	0.44	0.55
198969		1.56	<0.05	0.14	<0.05	0.005	36.46	1356.5	<0.05	0.06
198970		2.08	1.97	4.89	1.89	0.246	50.27	1791.5	1.92	1.87
198971		1.62	0.07	0.11	0.07	0.002	17.49	1512.5	0.06	0.07
198972		1.92	0.07	<0.05	0.07	< 0.002	16.33	1758.5	0.07	0.07
198973		1,92	12.70	84.1	12.00	1.518	18.05	1756.5	12.10	11.90
198974		1.98	2.52	3.57	2.50	0.076	21.30	1817.5	2.47	2.54
198975		1.96	10.50	97.7	9.69	1.551	15.88	1724.5	10.00	9.37
198976		1.82	1.46	1.58	1.45	0.028	17.69	1589.0	1.44	1.46
198977		1.94	5.26	18.90	5.13	0.324	17.16	1799.0	5.38	4.88
198978		1.22	2.26	51.3	1.68	0.642	12.51	1071.0	1.73	1.64
198979		1.40	0.15	<0.05	0.15	<0.001	15.85	1258.5	0.15	0.16
198980		1.68	0.07	<0.05	0.07	<0.001	16.73	1574.5	0.11	<0.05
198981		1.70	0.27	3.71	0.24	0.052	14.03	1552.5	0.28	0.19
198982		1.36	0.06	<0.05	0.06	< 0.001	17.63	1219.5	0.10	<0.05
198983		1.28	0.15	0.61	0.14	0.009	14.76	1190.0	0.07	0.21
198984		1.88	0.16	0.15	0.16	0.004	26.28	1608.0	0.15	0.17
198985		1.90	0.35	<0.05	0.35	<0.001	9.49	1793.0	0.37	0.33
198986		1.86	0.09	<0.05	0.09	< 0.001	16.89	1737.0	0.11	0.07
198987		1.98	0.09	0.41	0.09	0.005	12.24	1864.0	0.07	0.11
198988		1.60	36.9	582	28.8	12.406	21.31	1447.0	29.3	28.3
198989		2.02	0.84	1.14	0.84	0.019	16.69	1761.5	0.79	0.88
198990		1.56	<0.05	<0.05	< 0.05	< 0.001	18.75	1348.5	<0.05	< 0.05



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd. 212 Brooksbank Avenue

North Vancouver BC V7J 2C1 Canada
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750 GRAND BLVD.
NORTH VANCOUVER BC V7L 3W4

Page #: 3 - A
Total # of pages: 3 (A)

Date: 4-Dec-2002 Account: AVOIND

Project : Brandy Wine

CERTIFICATE OF ANALYSIS VA02006203

8991										CER	CHEICAH	E UF ANALTSIS	VAU2000203	
1.92 <0.05 <0.05 <0.05 <0.001 29.60 1567.0 <0.05 <0.05 1.68 <0.05 <0.05 <0.05 <0.001 16.82 1540.5 <0.05 <0.05 1.90 <0.05 <0.05 <0.05 <0.001 8.58 1793.0 <0.05 <0.05	sample Description	Analyte Units	Recvd Wt kg	Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr 9	WT Fr g	Au ppm	Au ppm			
8993 1.68 <0.05 <0.05 <0.05 <0.001 16.82 1540.5 <0.05 <0.05 8994 1.90 <0.05 <0.05 <0.05 <0.001 8.58 1793.0 <0.05 <0.05	98991											· · · · · · · · · · · · · · · · · · ·		-
1.90 <0.05 <0.05 <0.05 <0.001 8.58 1793.0 <0.05 <0.05	198992													
	198993													
2.02 <0.05 <0.05 <0.001	198994				<0.05	<0.05	<0.001							
	198995		2.02	<0.05	<0.05	<0.05	<0.001	6.65	1676.0	<0.05	<0.05			

ALS Chemex



<u>Fire Assay Procedure</u> - Au-SCR21 Precious Metals Analysis - Screen Metallics Gold, Double Minus

Sample Decomposition: Fire Assay Fusion **Analytical Method:** Gravimetric

The final prepared pulp is passed through a 106 micron (Tyler 150 mesh) screen to separate the oversize fractions. Any +106 micron material remaining on the screen is retained and analyzed in its entirety by fire assay. The -106 micron fraction is homogenized and two subsamples are analyzed by fire assay with gravimetric finish. The average of the two results is used in calculating the combined gold content of the plus and minus fractions.

In the fire assay procedure, the sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required in order to produce a lead button. The lead button, containing the precious metals, is cupelled to remove the lead and the resulting precious metal bead is parted in dilute nitric acid, annealed and weighed to determine gold content.

The gold values for both +106 and -106 micron fractions are reported together with the weight of each fraction as well as the calculated total gold content of the sample.

Calculations:

$$Au^{-}avg = \frac{Au^{-}(1) + Au^{-}(2)}{2}$$

$$AuTotal(g/t) = \frac{(Au - avg(g/t) \times Wt.Minus(g) \times 10^{-6} t/g) + (Weight Au in Plus(mg) \times 10^{-3} g/mg)}{(Wt.Minus(g) + Wt.Plus(g)) \times 10^{-6} t/g}$$

Appendix B
Diamond Drill Logs

Diamond-Drill Record Property Brandy wine **DIP TEST ANGLE** INCLINATION 70 CROSS SECTION Fig. 4 DATE LOGGED 18/11/02

COLLAR ELEVATION 2798.87 († 2802.22(1). NO

LOGGED BY Navid N Reading Corrected Depth 90° 95-5 Check Sampling 95-6 Depth Feet Cu Zn App. Description Sample From App. Sapple Width ppm From Width Green Andesite 198 103 1055 Strongly schistose agnetic. Moderate Carbonato alteration. 118' 1/5 above but more breaisted 952 118 1205 25 120.5 2.5 11291 Strong Corbonate alteration 953 1205 123.0 112-92

sub! to CA

954

66

11227

11228

11229

trongly foliated, light green

95-6

Diamond-Drill Record

Property Brandywine Hole No. 95-6, 95-12

Sheet No. 2 of 6

		,,			
	DIP TEST		UTM	TOTAL DEPTH 352.00+7	DATE BEGUN
	ANGLE		AZIMUTH O	99856.98 GRID LOCATION <u>99715.76</u>	DATE FINISHED Oct. 95
Depth	Reading	Corrected	inclination <u>- 90°</u>	CROSS SECTION Fig. 4	DATE LOGGED /8/1/02
0	-90°	75-12	collar elevation 2800 .50	CORE SIZE NO	LOGGED BY David Vann
<u> </u>			Check Sampling	(

De From	pth To	App. Width	Description Description	Sample No.	From	То	App. Width	Tree Somple	Au	Cu %	Ag ppm	Zn %
95-6				198	93'	98	5'	1246				
93'	113	20'	Dank green Andesitelophyry Intense Propylitic Alteration Strongly Schistose 6-20to A. Strong Carbonate attenation Moderate Silicitication. 12-28 Sy.	958	98'	103'	5'	11247				
			Intense Propylitic Alteration	959	103	108	5	1248				
			Strongly schistose 6-20to CA.	960	108	1/3'	5'	11249		<u></u>		·
			Strong Carbonate alteration									
			Moderate Silicitication. 12-2854.					<u> </u>				
95-12												
28	38'	10	Light green, strongly silicitied, weak combonate, breccioted Anderite Dacite 3254/phides.	961	28'	33	5'	11277		"		
			weak combonate brecciated	962	33'	38	51	11228				
			Anterite Oscite 32 54/phites.									
			Siderite Str. Coliation Onzo tack									
90.5'	93.0	2.5'	DK. gr. str. sil. mot. carb.	963	90.5	98.0	25	123				
			Ok. gr. str. sil, mot. carb.									
				964	133							
(33	138'	5	DK. gr. Schistose And Pough.	122	<u> </u>	138'	51	124				
			DK. gr. Schistose And Pouph. 2-3854. Py, Aspy, 97									
			, , , , , ,									

Property Brandy wine

Diamond-Drill Record

Hole No. 95-13, 95-14

Sheet No. 3 of 6

	DIP TEST		UTM	_ TOTAL DEPTH <u>30 8 [°] ,</u> 99820.13 N , 9	DATE BEGUN
	AN	GLE	AZIMUTHO	_ GRID LOCATION 99700.80E	DATE FINISHED Oct. 1995
Depth	Reading	Corrected	INCLINATION	_ cross, section Fig. 4	DATE LOGGED /8/11/02
0	-90°	95-13	COLLAR ELEVATION 2799.39	CORE SIZE NQ	LOGGED BY DOVID DUNN
0	-900	95-14	Chark Sain	1:	

Depth App. From To Width		App. Width	Description	Sample No.	<u>. </u>	То	App. Width	1995 Somple	Au ppb	Cu %	Ag ppm	Zn %
95-13			18'-28' Oxitizet. Grey to	198	18'	28'	10'	1249				
13'	48'	30'	que y brown. Strongly schistose	966	28	33'	5'	124				
			1/ told. 18/6 on tuactures	1967	1 <i>3</i> 5	38'	5'	12453				
			Very broken ~ 50 Brecover.	968	38'	43'	5'	124				
			Verybroken ~ 50 Breiovery. 28-35 Oxidized, Greybrown	969	43'	48'	5'	124 55		<u> </u>		
			Schistose (1 to CA. Much tole.									
			Silicitied + brecciated.									
			1228 Inlahites.									
			35'-48' Oxidized Grey Brown									
			35'-48' Oxitizet Grey Brown Talc. Combonate we othered out.									
95-14						l				ļ		<u> </u>
68'	76878'	10'	Diorite Brxx. Strong	920	68	73'	51	125	, • • • • • • • • • • • • • • • • • • •			
				921			51	1259	•			
			Stringers 11 to CA.									
			37 Sylphides. Ky Cypy						-			
			Aspy- Stringers of									
			Gray Qtz 11 foch.						_			

Property Brandy wine

Diamond-Drill Record

Hole No. 95-14, 95-15 Sheet No. 4 of 6

DIP TEST									
ANGLE									
Depth	Reading	Corrected							
0'	-90°	95-14							
0	- 900	95-15							

AZIMUTH O GRID LOCATION 99638.63 DATE FINISHED Oct. 95 INCLINATION _____ CROSS SECTION \(\frac{19.4.}{19.4.} \) DATE LOGGED \(\frac{8/11/02}{10} \) COLLAR ELEVATION 2802,29 CORE SIZE NQ. LOGGED BY David Vyno

Check Sampling Description Sample Zn Depth App. Width ppm Width To 35 1181 Utz stringers gré 4/1/0CA 976 108 113 9771/3 978 27 33 Greygreen, V. broken, sont sactrons. Strong siderité. Fault zone 98' 979 98 103 128 ∄ര′ 980 981 982 123 128

Property Brandywine

Diamond-Drill Record

Hole No. 95-16, 95-17

Sheet No. 50f6

DIP TEST			UTM TOTAL DEPTH	3/8+7. DATE BEGUN
	AN	GLE	AZIMUTH GRID LOCATIO	99837590,99866.67 N9975597,99888TEFINISHED OCT. 1995
Depth	Reading	Corrected		Fig. 4 DATE LOGGED 19/11/02
0	-90°	95-16	COLLAR ELEVATION <u>2798:36, 2810</u> . CORE SIZE	LOGGED BY David Dunn
0	-90	95-17	Check Sampling	1/9/45

Depth From To		App. Width	Description		From	То	App. Width	1 <u>99</u> 5 Somple	Au ppb	Cu %	Ag ppm	Zn %
95-16				198 983	89	93	4'	126,8				
89'	98'	9'	5,1, brxx Diorite, Uk. green	984	93'	98'	5'	126,9				
		<u> </u>	Sto. propylistic alt. Foliation									
,			1 // 9° - //0									
			anex to blue 11 to 10 toEA							:		
			aney to blue 11 to 10 toch 12 sulphides	-								
123'	/33 [']	10'	123-126'- strongly blerchet	985	123'	1281	5'	126				
<u> </u>			throken Foliation 30 to CA	986	128'	133'	5	126				
			126-133. Piorite W/ Stung									
			throken. Foliation 30° to A 126'-133'. Diorite W/ stung propylitic alteration-0.52py Dank green. Minorgtastringers 30° to CA.									
			Pank green. Minovatastingers									
			30° to CA.			·	,		-			
95-17												
82	93	117	Bleoched, Polisted Vionite?	987	82'	88'	6'	1269				
	1		Grey to white 9 to 5thinger	988	88	93'	5'	126				
			Grey to white 9 to 5thingers									

Diamond-Drill Record

Hole No. 95-17, 95-18, 96-1

Sheet No. 6 of 6

DIP TEST									
	ANGLE								
Depth	Reading	Corrected							
0	-90°	95-18							
3	?	96-1							

DATE BEGUN UTM **AZIMUTH** 90 DATE LOGGED <u>[9/11/0</u>2 CROSS SECTION Fig. 4 INCLINATION

Check Samplin

Dep From	oth To	App. Width	Description	Sample No.	From	To	App. Width	Sangle	Au ppb	Cu %	Ag ppm	Zn %
95-17			Darkancen Sil. And.	1989	108	//3	5	126		····		
108	113'	5	Porphyry. Folistian + Ota									
			Str. 11 to 10° to CA. Mot.			:						
		* 11.7	proprieticalt. WK. carb.									
			oft. 0.52pu mountyin									
			atzstringers					<u></u>		ļ		
95-18							 ,					
63'	68'	5	Vark Green, Sil. And.	990	63'	68'	5'	123				
		."	Foliation + Qta Stringers 254						, 			
			76-45 TO CIT. Strong Doopylitie									
			2/t. 0.5% py							\		
96-1												
153'	214'	61'	153-163 Dk.gr. And. Porph.	991	/53'	158	5	508	7			
			Str. foliation 15-25 to A. D.52	992	158	163'	5'	692		Cor	egy	atere
			Sil. Boxx. Mot. prop. alt.		17.81	183.' #0	5'	695			1009	1
			178-183 As Above 188-143 Str.	994	188	193	5'	696		Ken	Tino	er
			bleachet. foliated 11 to CA.	995	209	214	5'	700	\mathcal{I}	To	Ken	
			209-214 Str. Blesche L, tol 20 to	ł						T		

Appendix C **Statement of Costs**

Statement of Costs

Consulting Geologist-(D. Dunn) 5 days @ \$500/day + GST	\$2,675.00
Geological Technician-(A. J. Muirhead) 1.5 days @ \$250/day + GST	401.25
Transportation, Communications, and Food.	396.71
Assays: 45 core samples screened for metallics. Three fire assays + prep. 45 samples @ \$49/sample + GST	2,362.61
Drafting	963.00
Printing:	150.00
15% Management Fee:	1,042.29

Total Costs:



Appendix D Statement of Qualifications

Statement of Qualifications

I, David St. Clair Dunn, Professional Geoscientist, with a business address at 1154 Marine Drive, Gibsons, British Columbia, Canada certify that:

ī

- 1. I am a graduate of the University of British Columbia and hold a degree of Bachelor of Science in Geology.
- 2. I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia (Reg. # 18479).
- 3. I have practised my profession as a prospector and geologist for 33 years.
- 4. I have based my conclusions and recommendations in this report on a review of all available reports and direct supervision of the 2002 Check Sampling Program.
- 5. I have not directly or indirectly received, nor do I expect to receive, any interest in the subject property or in Avola Industries Inc.

6. I consent to the use of this report for the purpose of private or public financing.

David St. C. Dunn R. Geo.

December, 2002

