AR 89-157

WILCO MINING COMPANY LIMITED

WINE HARBOUR PROPERTY

NOVA SCOTIA

Report of Exploration Activities

September - October 1988

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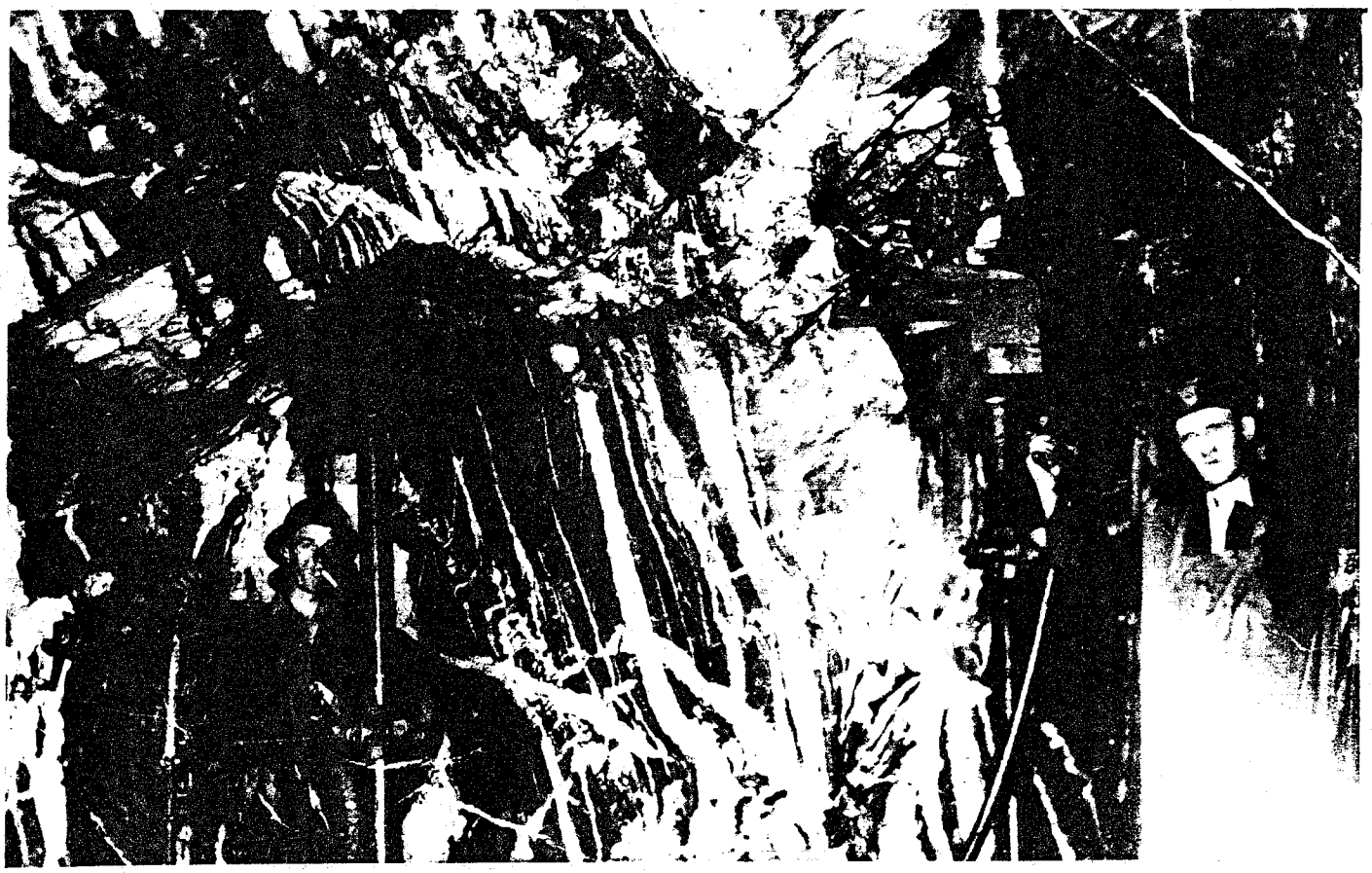
DOUG HUNTER, M.Sc.
CONSULTING GEOLOGIST

R.R. 2, MILLBROOK
ONTARIO, CANADA
L0A 1G0 (715) 932-3130



McGRATH SHAFT - PLOUGH LEAD 235 FT. LEVEL

CONTENTS

DOUG HUNTER, M.Sc.
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R.R. 2, MILLBROOK
ONTARIO, CANADA
L0A 1G0 (715) 932-3130

Introduction

In December of 1986, Wilco Mining Company Limited entered into an option agreement with Mr. J.H. MacMillan of Sherbrooke, Nova Scotia. This agreement gives Wilco the right to explore and develop twenty-five (25) mining claims held under an exploration license by Mr. MacMillan at Wine Harbour. Expenditures of $500,000 within a five year period to December 1991 would earn Wilco a 100% undivided interest in the Wine Harbour gold property. Mr. MacMillan would be paid $0.30/ton for any ore milled, should the property go to production. Certain payments to maintain the option are required as detailed in the appended copy of the agreement.

Gold was first discovered at Wine Harbour in 1860 with commercial production beginning in 1862. Production was intermittent, occurring on a large number of individual properties until 1939. Total reported gold production is 42,726 ounces from up to 20 separate operations. In reality, two to three times this figure is likely, as the gold is coarse and high grading was common. Also, operators are required in Nova Scotia to pay a 1% gold/silver production royalty to the Crown.

The most productive deposit on the property was the Plough Lead with 9,870 ounces from an open pit and from two stopes underground. The open cut is almost 30 feet wide and ore was mined along a gentle easterly rake for about 1,200 feet. The gold sulphide mineralization associated with quartz veins and stringers was hand sorted before being processed in on-site stamp mills.

A total of 4,879 feet of NQ drilling in seven holes was performed in September-October 1988. The drilling tested for extensions of the Plough Lead structure downplunge to the east towards the Caledonia Shaft (see DDH location map).

The drill core is stored in a covered core rack at Wine Harbour on the property of Mr. Gordon MacLeod.

DOUG HUNTER, M.Sc.
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R.R. 2, MILLBROOK
ONTARIO, CANADA
L0A 1G0 (715) 932-3130

Geology of the Property

The region as a whole is underlain by metamorphic rocks of the Cambro-Ordovician Meguma Group which is comprised of dark slates of the Halifax Formation and greywackes of the Goldenville Formation. Rocks of the latter formation predominate at Wine Harbour, and slate is a very minor component of the bedrock. The sediments strike east-west and dip steeply to the south at Wine Harbour. Further to the north, on the adjoining property of Acadia Mineral Ventures, an anticlinal axial trace was drawn by Faribault in 1902. Northwest-trending normal faults are known from past mining operations where they displaced the ore. Northwest-trending structures are also evident from regional mapping and airborne magnetics and electromagnetics.

Gold mineralization at Wine Harbour is associated with sulphidic, arsenical sediments; the sulphides arsenopyrite, chalcopyrite, pyrite and pyrrhotite are conspicuous although in general they comprise less than 1% of the host rocks. Visible gold is encountered in small milky quartz veinlets which may contain chlorite and carbonate. Highly anomalous values in gold are also known to occur locally within large arsenopyrite porphyroblasts in the host sediments. The old mine workings exploited 'leads' - quartz vein-rich zones in slatey interbeds in the predominantly greywacke succession. These slate units are thin, persistent features which are commonly only one to five feet thick and are referred to as belts by past workers.

The property is covered by a thin veneer of sandstone till derived from the underlying Goldenville Formation. It is estimated that there is only 1-2% outcrop on the property.

DOUG HUNTER, M.Sc.
CONSULTING GEOLOGIST

R.R. 2, MILLBROOK
ONTARIO, CANADA
L0A 1G0 (715) 932-3130

Previous Work at Wine Harbour

The last mining development occurred at Wine Harbour in the period 1936-39 when 6,456 ounces of gold production was reported from underground operations on the Plough Lead.

A variety of geophysical and geochemical surveys, and prospecting and geological work have been performed intermittently on the property from 1966 to 1986. A minor amount of drilling has been done, most recently by Durham Resources in 1982. A detailed account of the exploration history of the property can be found in a report prepared for Wilco by the consulting firm Jacques, Whitford and Associates Limited of Halifax (July, 1988).

Prior to drilling, Wilco contracted out an airborne magnetic and electromagnetic survey, and followed this up with prospecting and mapping. Control for the ground work was established by surveying; an east-west base line was cut on the north boundary of the property, and a parallel tie line was put in 1,320 feet to the south. Thus, the location of the adjoining Acadia Mineral Ventures ground has been located accurately using a Nova Scotia coordinate monument. This is important because ownership of mineral claims is based on the UTM grid system rather than by physical staking.

On the adjoining property of Acadia Mineral Ventures, a considerable amount of diamond drilling has been done between 1983 and 1988. This company's work has discovered interesting gold mineralization at the property boundary just north of the cemetery, 50 feet above the main access road. The data from Acadia's work has not been made available to Wilco, although G. Archibald and D. Hunter have been shown a map with values in drill core projected vertically. It appears that Acadia drilled the cemetery zone again last year.

DOUG HUNTER, M.Sc.
CONSULTING GEOLOGIST

R.R. 2, MILLBROOK
ONTARIO, CANADA
L0A 1G0 (715) 932-3130

Work Recently Completed

A diamond drilling programme totalling 4,879 feet in seven holes was completed in October, 1988. The location of these holes is shown on a map of surficial features in this report.

The drilling was laid out to provide drill sections between the Plough Lead and Old Provincial Mining Company operations. A single hole, WWH-7, tested the downplunge potential in the latter mining area. Wilco's drilling followed up earlier work by Durham Resources which appeared to locate an easterly extension of the Plough Lead (see longitudinal section).

The recent Wilco programme at Wine Harbour appears to have been successful in that the Plough Lead structure was intersected. However, the drilling also indicates that there is very limited tonnage potential on this structure.

Drill hole WWH-4 cut about a 30 foot section from 458.8 to 489.5 in mixed greywacke and argillite with two shows of visible gold in tiny quartz-carbonate-chlorite veins. The section contains very minor arsenopyrite, pyrite, and pyrrhotite as fine-grained disseminations and as coarse porphyroblasts (pyrite and arsenopyrite). Gold values range from trace to 3.859 ounces per ton, and this section appears to represent an extension of the Plough Lead structure. It is apparently offset from the projected shallow plunge (20 degrees east). This is probably due to steep, high angle faulting, well documented in this area by previous operators.

The drill section containing WWH-4 has three other holes; WWH-3,5,6, as shown in the vertical cross-section in the back pocket to this report. It is clear from this section that the gold-bearing structure cut in WWH-4 has very limited vertical extent. This is consistent with the mining history of the deposit where the maximum height of a stope ranged from 50 to 80 feet. The ore in the Weston Stope was mined over a length of 400 feet along a shallow plunge (see longitudinal section).

DOUG HUNTER, M.Sc.
CONSULTING GEOLOGIST

R.R. 2, MILLBROOK
ONTARIO, CANADA
L0A 1G0 (715) 932-3130

The geometry of the ore zone in the Plough Lead is typical of mines in the Meguma sediments of Nova Scotia. D. Melling and D. Hunter visited the operation of Westminer Canada at Forest Hill and toured active stopes. Several slate belts with 1" to 6" quartz veins were being mined late

last year. The ore grade quartz-carbonate veins carry visible gold, and shrinkage stope development is determined daily by mapping gold 'shows'. No visible gold - no ore is the rule; the gold is generally coarse and 'nuggety'. Ore shoots at Forest Hill are shallow plunging, with a maximum vertical extent of about 100 feet; the plunge length of the shoots is many times greater, as it is in the Plough Lead at Wine Harbour.

Melling and Hunter also visited a mine at Goldenville and found the geology there very similar to that at Forest Hill. The Goldenville camp produced over 200,000 ounces, the largest of all Nova Scotia gold deposits.

Conclusions and Recommendations

The recent diamond drilling programme at Wine Harbour has located an extension of a former gold producing structure, the Plough Lead. This structure occurs on the south limb of an anticline in a steeply dipping package of greywacke and argillite of the Cambro-Ordovician Meguma group.

At the Plough Lead, coarse gold is localized in small quartz-carbonate+chlorite veins and 'stockworks' in crumpled dilation zone(s) in argillite. The geometry of the deposit is lens-like in cross-section and markedly elongate in longitudinal section, typical of many of the past producers in the Meguma rocks of Nova Scotia.

The Plough Lead was mined along a plunge length of about 1,200 feet, from a surface open pit to a depth of 400 feet. Mining from vertical depths of 100 to 400 feet produced about 60,000 tons of ore which was hand sorted to 26,250 tons before being processed in a stamp mill. The sorted material graded 0.33 ounces per ton. The mined grade is estimated at about 0.14 ounces per ton using the 60,000 ton estimate. Clearly the mine was small and labour intensive in practice.

DOUG HUNTER, M.Sc.
CONSULTING GEOLOGIST

R.R. 2, MILLBROOK
ONTARIO, CANADA
L0A 1G0 (715) 932-3130

Although Wilco was successful in extending a known deposit and thus inferring additional tonnage in the Plough Lead, the recent work did not locate other parallel structures. This was one of the main objectives. Many other gold occurrences were mined at Wine Harbour, and very recently Acadia Mineral Ventures has made a discovery near the northern boundary of the property. Wilco has no detailed information on this new zone, as all reports are private and confidential for two years once submitted to the Nova Scotia Department of Energy and Mines for assessment.

In the last year there have been considerable negative results from mining operations in the Meguma gold situations. The biggest problem has been one of dilution in shrinkage stopes. To date, no operator has been able to utilize bulk mining methods and thus, at Forest Hill for example, production amounts to less than 100 tons per day. However, closer to Halifax, Hecla Mining and Acadia are proceeding with an underground programme at Mooseland, and the property of Onitap Resources at Goldboro, 20 km northeast of Wine Harbour, is at the feasibility stage.

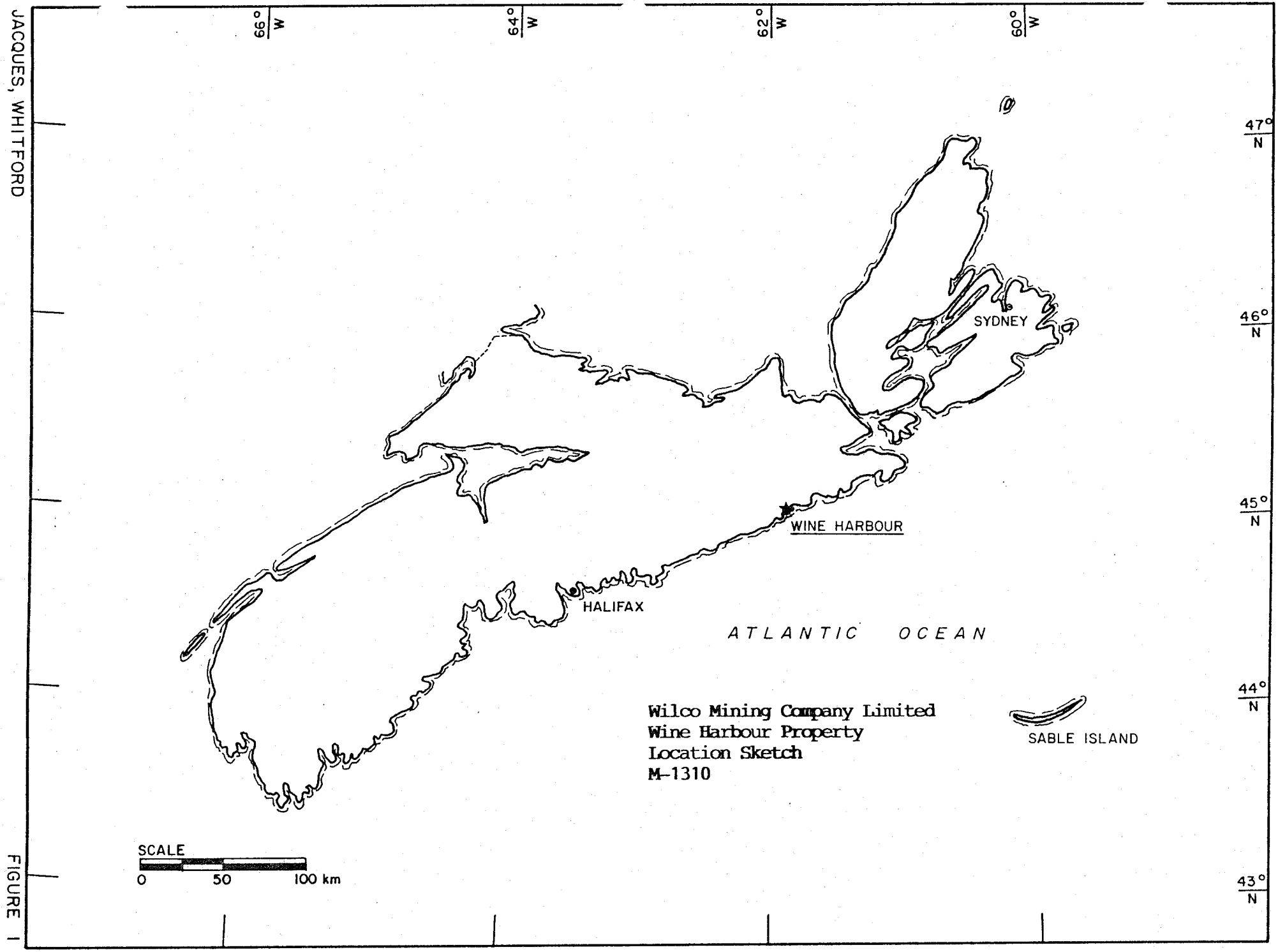
At present, there is considerable doubt that Meguma-type deposits are economically viable, although there may yet be some good deposits. The jury is still out; however, I find it difficult to justify additional exploration at Wine Harbour at this time. I recommend that the company approach Acadia Mineral Ventures with regard to forming an option agreement. This company has much experience in assessing Meguma-type gold deposits.

Respectfully submitted,

A.D. Hunter

DOUG HUNTER, M.Sc.
CONSULTING GEOLOGIST

R.R. 2, MILLBROOK
ONTARIO, CANADA
L0A 1G0 (715) 932-3130



Wilco Mining Company Limited
Wine Harbour Property
Location Sketch
M-1310

JACQUES, WHITFORD

FIGURE 1

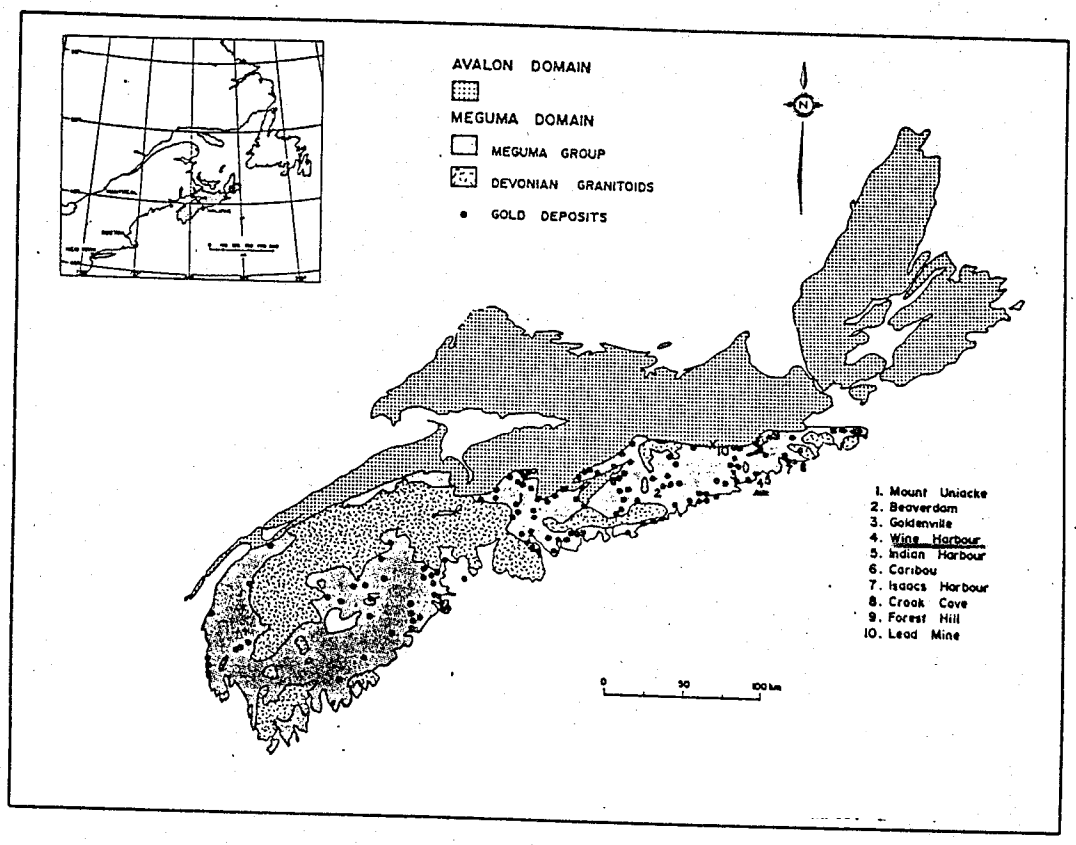


Figure 2a: Distribution of Gold Deposits and Geology of the Meguma Domain

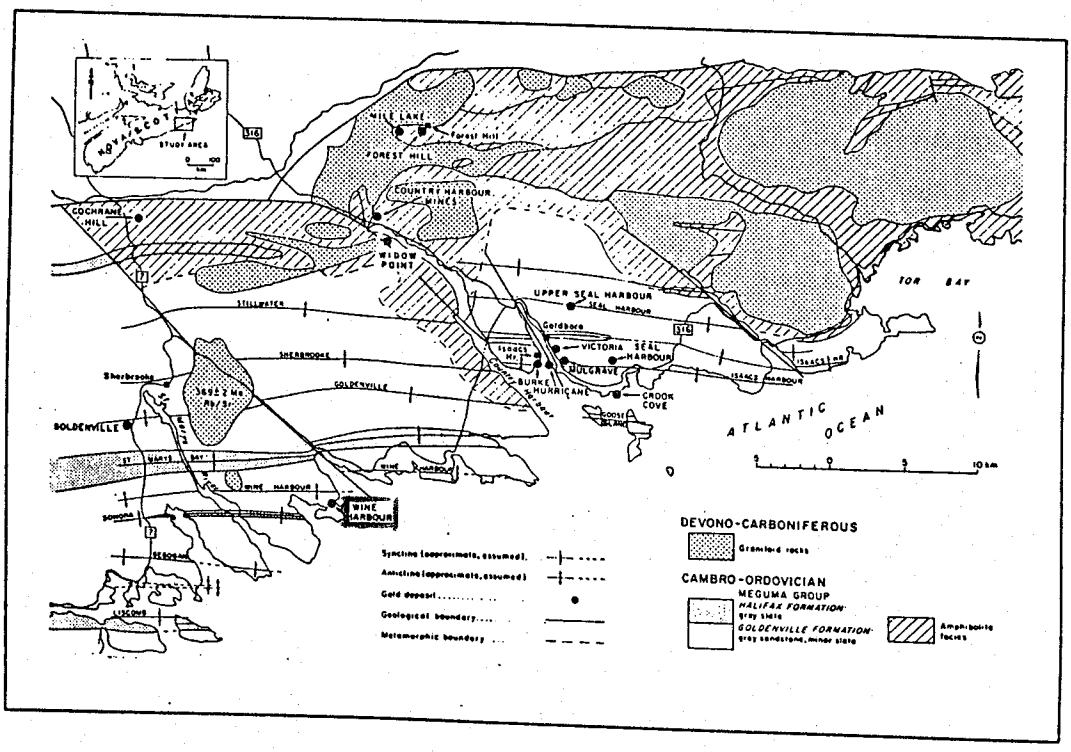
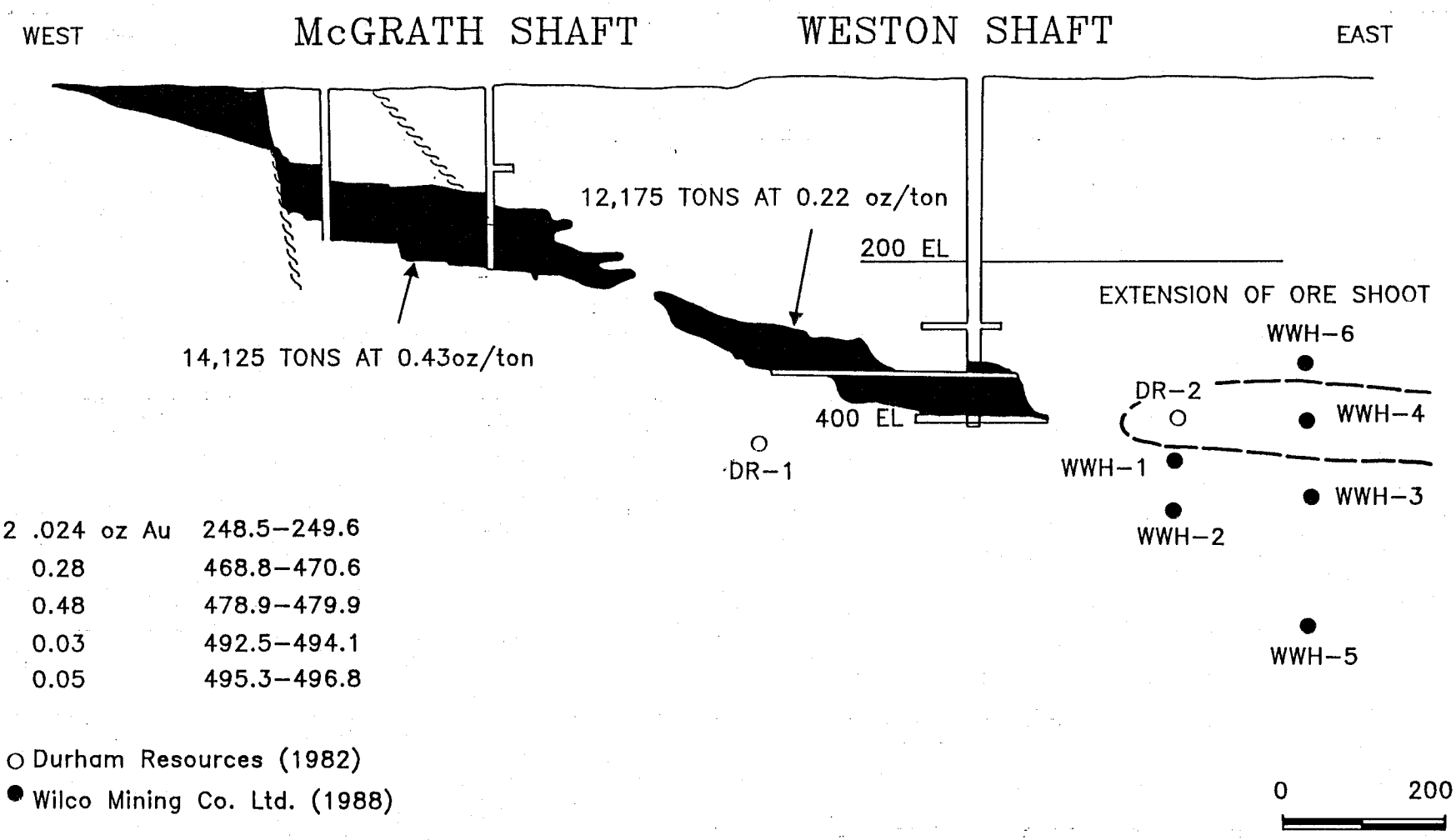


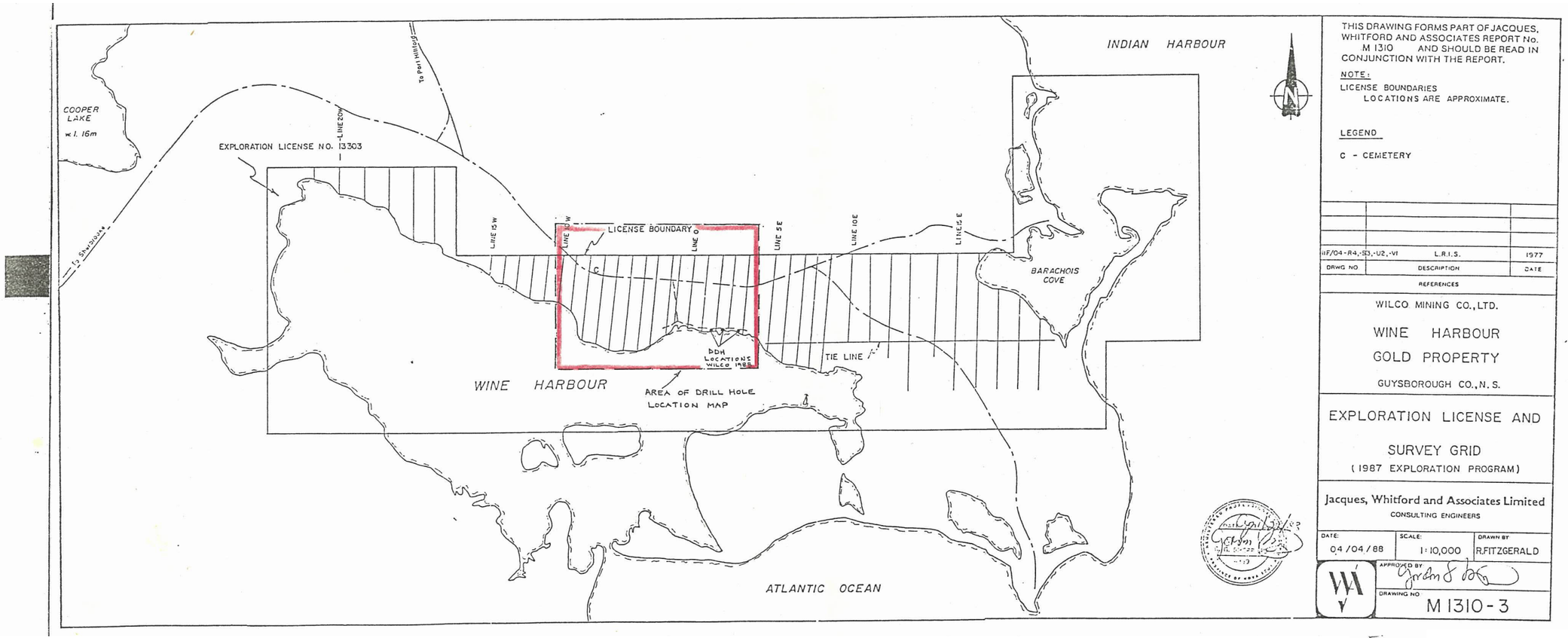
Figure 2b: Geological Map of the Eastern Meguma Domain



WORKINGS ON THE PLOUGH LEAD

WINE HARBOUR

Fig. 3



THIS DRAWING FORMS PART OF JACQUES, WHITFORD AND ASSOCIATES REPORT No. M 1310 AND SHOULD BE READ IN CONJUNCTION WITH THE REPORT.

NOTE:

LICENSE BOUNDARIES LOCATIONS ARE APPROXIMATE.

LEGEND

C - CEMETERY

NF/04-R4,-S3,-U2,-V1	L.R.I.S.	1977
DRWG NO.	DESCRIPTION	DATE

REFERENCES

WILCO MINING CO., LTD.

WINE HARBOUR GOLD PROPERTY

GUYSBOROUGH CO., N. S.

EXPLORATION LICENSE AND SURVEY GRID (1987 EXPLORATION PROGRAM)

Jacques, Whitford and Associates Limited
CONSULTING ENGINEERS

DATE:	SCALE:	DRAWN BY
04/04/88	1:10,000	R.FITZGERALD

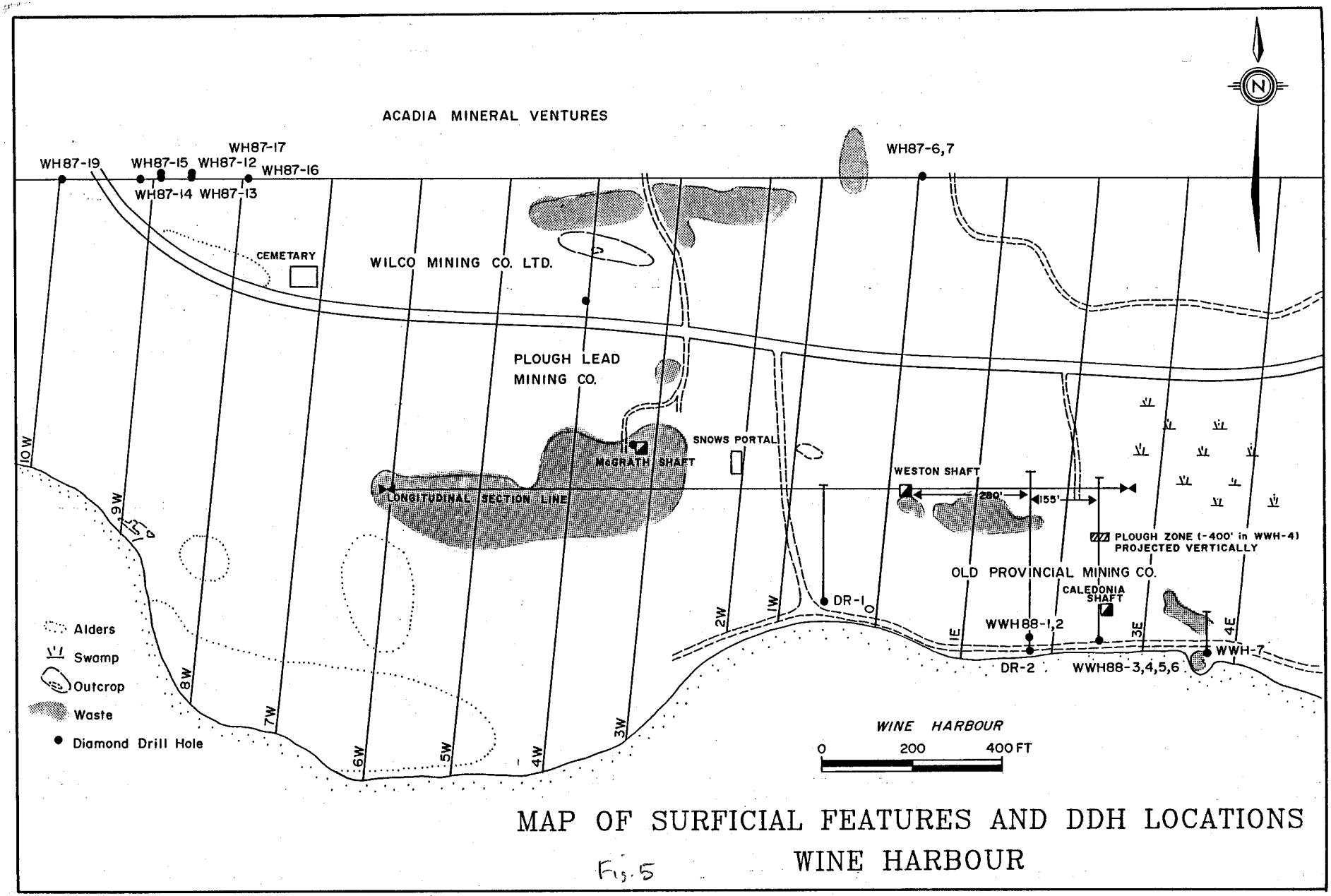
APPROVED BY

DRAWING NO. M 1310-3

Fig. 4

DOUG HUNTER, M.Sc.
CONSULTING GEOLOGIST

R.R. 2, MILLBROOK
ONTARIO, CANADA
L0A 1G0 (715) 932-3130



MAP OF SURFICIAL FEATURES AND DDH LOCATIONS WINE HARBOUR

Fig. 5

TABLE 1: Wine Harbour Property Exploration License, Claims and Expiry Dates, NSDME Claims Map 11F/04B

Exploration License	Tract	Claims	Expiry Date	Year
13303	67	ABCFGHKL	27/07/88	6
	68	ABCDEFGH		
	69	CDEFGKLOP		

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5 .2 Canotek Road
Ottawa, Ontario
K1J 8X5
(613) 749-2220 Telex 053-3233

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REPORT: 088-90703.4 (COMPLETE)

REFERENCE INFO:

CLIENT: WILCO MINING LTD.
PROJECT: 002

SUBMITTED BY: D. MELLING
DATE PRINTED: 11-OCT-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au-150 Gold -150 Fraction	33	0.002 OPT		
2	Au+150 Gold +150 Fraction	33	0.002 OPT		
3	Au Ave Gold Weight Average	33	0.002 OPT		
4	-150WT Weight -150 Obtained	33	gms		
5	+150WT Weight +150 Obtained	33	gms		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	33	+150/-150	33	Overweight Prep/kg	1
				Other Sample Prep 1	33

REMARKS: OTHER PREP REFERS TO METALLIC SIEVE +-150,
ANALYSIS ON ENTIRE SAMPLE.

REPORT COPIES TO: 306-4198 DUNDAS ST.W.
DAVID MELLING
DAVID MELLING

INVOICE TO: 306-4198 DUNDAS ST.W.

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K1J 8X5
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REPORT: 088-90729.4 PROJECT: 002 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 OPT	Au+150 OPT	Au Ave OPT	-150WT gms	+150WT gms
57073		0.003	0.155	0.008	555.0	20.08
57074		<0.002	<0.002	<0.002	710.0	51.37
57075		<0.002	<0.002	<0.002	890.0	27.70
57076		<0.002	0.004	<0.002	1600.0	75.14
57077		<0.002	0.066	0.003	710.0	28.07
57078		<0.002	<0.002	<0.002	1495.0	69.79
57079		0.002	0.006	0.002	1055.0	68.46
57080		<0.002	<0.002	<0.002	620.0	34.30
57081		<0.002	<0.002	<0.002	1550.0	99.00
57082		<0.002	<0.002	<0.002	1310.0	70.77
57083		<0.002	<0.002	<0.002	670.0	47.91
57084		<0.002	<0.002	<0.002	765.0	46.17
57085		<0.002	<0.002	<0.002	975.0	57.74
57086		<0.002	0.003	<0.002	890.0	32.64
57087		0.027	2.363	0.130	765.0	35.44
57088		0.002	0.016	0.003	930.0	34.89
57089		0.014	0.053	0.016	1660.0	72.48
57090		0.003	0.011	0.003	1080.0	61.12
57091		<0.002	<0.002	<0.002	2745.0	107.11
57092		0.004	0.106	0.010	730.0	48.08
57093		0.018	0.054	0.020	885.0	40.94
57094		0.002	<0.002	<0.002	635.0	40.86
57095		<0.002	0.002	<0.002	1540.0	78.74
57096		<0.002	<0.002	<0.002	600.0	59.71
57097		<0.002	0.008	<0.002	620.0	44.59
57098		0.002	<0.002	<0.002	635.0	41.58
57099		0.005	0.002	0.005	740.0	66.75
57100		<0.002	<0.002	<0.002	830.0	44.56
57101		<0.002	<0.002	<0.002	965.0	29.39
57102		0.007	<0.002	0.007	880.0	74.29
57103		0.018	0.567	0.043	950.0	46.18
57104		0.215	8.231	0.606	840.0	43.03
57105		<0.002	0.022	0.002	1050.0	59.03
57106		0.003	0.010	0.003	840.0	36.48
57107		0.026	0.212	0.033	995.0	39.53
57108		0.008	0.027	0.009	795.0	24.57
57109		0.075	11.342	0.756	545.0	35.06
57110		0.003	0.932	0.026	930.0	23.65
57111		<0.002	<0.002	<0.002	985.0	38.54
57112		0.165	14.619	0.637	975.0	32.91

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SAMPLE NUMBER	ELEMENT UNITS	Au-150 OPT	Au+150 OPT	Au Ave OPT	-150WT gms	+150WT gms
57113		0.012	0.269	0.027	1360.0	83.57
57114		1.221	59.560	3.659	1355.0	64.17
57115		0.038	1.519	0.130	255.0	16.90
57116		0.019	0.068	0.022	865.0	46.97
57117		0.164	5.500	0.340	1065.0	36.22
57118		0.326	21.160	1.721	770.0	55.27
57119		0.002	0.005	0.002	1225.0	59.09
57120		<0.002	<0.002	<0.002	765.0	36.97
57121		<0.002	<0.002	<0.002	940.0	49.69
57122		0.002	<0.002	<0.002	710.0	68.79
57123		<0.002	0.002	<0.002	960.0	73.52
57124		<0.002	0.002	<0.002	845.0	82.03
57125		<0.002	0.006	<0.002	1105.0	56.77
57126		0.002	0.003	0.002	1040.0	57.94
57127		<0.002	1.000	0.045	1250.0	57.33

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SAMPLE NUMBER	ELEMENT UNITS	Au-150 OPT	Au+150 OPT	Au Ave OPT	-150WT grs	+150WT grs
57128		<0.002	<0.002	<0.002	228.8	8.04
57129		<0.002	<0.002	<0.002	266.1	6.34
57130		<0.002	<0.002	<0.002	279.8	5.87
57131		<0.002	<0.002	<0.002	268.6	11.66
57132		<0.002	<0.002	<0.002	282.4	5.84
57133		<0.002	<0.002	<0.002	234.9	3.34
57134		<0.002	<0.002	<0.002	259.4	15.60
57135		<0.002	<0.002	<0.002	224.2	9.24
57136		<0.002	<0.002	<0.002	211.1	11.80
57137		<0.002	<0.002	<0.002	241.0	17.45
57138		0.002	<0.002	<0.002	242.6	18.18
57139		0.002	<0.002	<0.002	257.6	11.37
57140		<0.002	<0.002	<0.002	223.4	17.26
57141		<0.002	<0.002	<0.002	243.2	19.57
57142		<0.002	<0.002	<0.002	251.2	12.05
57143		<0.002	<0.002	<0.002	250.6	20.13
57145		<0.002	<0.002	<0.002	266.6	6.55
57152		<0.002	0.024	<0.002	249.9	9.56
57161		0.002	0.002	0.002	263.7	19.08

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SAMPLE NUMBER	ELEMENT UNITS	Au-150 OPT	Au+150 OPT	Au Ave OPT	-150WT gms	+150WT gms
057144		<0.002	<0.002	<0.002	990.0	58.54
057146		<0.002	0.006	<0.002	955.0	34.68
057147		<0.002	0.002	<0.002	1985.0	94.02
057148		<0.002	<0.002	<0.002	2070.0	99.55
057149		<0.002	<0.002	<0.002	2115.0	93.07
057150		<0.002	<0.002	<0.002	2430.0	103.20
057151		<0.002	<0.002	<0.002	2175.0	72.55

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PROJECT: 002 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 OPT	Au+150 OPT	Au Ave OPT	-150WT gms	+150WT gms
57153		0.002	0.002	0.002	1390.0	43.55
57154		<0.002	0.002	<0.002	2245.0	98.09
57155		<0.002	<0.002	<0.002	1600.0	79.10
57156		<0.002	<0.002	<0.002	1440.0	62.24
57157		<0.002	<0.002	<0.002	1895.0	88.91
57158		0.002	<0.002	<0.002	2390.0	146.66
57159		<0.002	<0.002	<0.002	1115.0	83.56
57160		<0.002	0.004	<0.002	1785.0	84.06
57162		<0.002	<0.002	<0.002	1585.0	145.26
57163		0.004	0.031	0.005	975.0	50.31
57164		<0.002	<0.002	<0.002	1390.0	51.30
57165		<0.002	<0.002	<0.002	795.0	78.04
57166		0.003	<0.002	0.003	440.0	14.98
57167		0.006	<0.002	0.006	755.0	75.13
57168		<0.002	<0.002	<0.002	1200.0	90.47
57169		<0.002	<0.002	<0.002	1145.0	70.62
57170		<0.002	<0.002	<0.002	1325.0	85.26
57171		<0.002	<0.002	<0.002	945.0	70.83
57172		0.002	0.003	0.002	1990.0	78.99
57173		0.002	<0.002	<0.002	565.0	54.23
57174		0.003	0.055	0.006	2020.0	102.12
57175		<0.002	<0.002	<0.002	1145.0	71.67
57176		<0.002	<0.002	<0.002	995.0	57.95

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ario

9-2220 Telex 053-3233

BONDAR-CLEGG

Certificate of Analysis

REPORT: 088-90746.4

PROJECT: 002 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 OPT	Au+150 OPT	Au Ave OPT	-150WT gms	+150WT gms
57177		<0.002	<0.002	<0.002	1200.0	59.69
57178		<0.002	<0.002	<0.002	915.0	37.54
57179		<0.002	<0.002	<0.002	1915.0	70.91
57180		<0.002	<0.002	<0.002	570.0	25.25
57181		0.014	0.005	0.014	1375.0	62.74
57182		0.004	<0.002	0.004	1635.0	68.37
57183		<0.002	<0.002	<0.002	1540.0	81.00
57184		<0.002	0.003	<0.002	1515.0	79.37
57185		<0.002	<0.002	<0.002	1075.0	56.56
57186		<0.002	<0.002	<0.002	1305.0	51.12
57187		<0.002	<0.002	<0.002	1165.0	54.92
57188		<0.002	<0.002	<0.002	1320.0	69.22
57189		0.017	0.070	0.019	1025.0	42.75
57190		<0.002	<0.002	<0.002	1370.0	71.67

gg & Company Ltd.
otek Road
., Ontario
8X5
3) 749-2220 Telex 053-3233

BONDAR-CLEGG

Certificate of Analysis

REPORT: 088-90737.4

PROJECT: 002 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au-150 OPT	Au+150 OPT	Au Ave OPT	-150WT grs	+150WT grs
57191		0.013	<0.002	0.012	1190.0	73.38
57192		<0.002	<0.002	<0.002	795.0	60.75
57193		<0.002	<0.002	<0.002	1655.0	77.46
57194		<0.002	<0.002	<0.002	820.0	62.54
57195		<0.002	<0.002	<0.002	880.0	51.96
57196		<0.002	<0.002	<0.002	1240.0	46.60
57197		0.002	<0.002	<0.002	1280.0	29.35
57198		<0.002	<0.002	<0.002	1175.0	38.35
57199		<0.002	<0.002	<0.002	1745.0	74.64
57200		0.004	0.018	0.005	660.0	38.82

Nova Scotia

Department of Mines and Energy

Report of Work Performed

I, the undersigned, holder of/agent for, Exploration License No. 13303 issued on the 27 day of JULY 19 87, hereby report work as follows:

I have, under said License, and in conformity with the provisions of The Mineral Resources Act, performed or caused to be performed on the licensed area 5950 days' work (eight-hour days) not reported before, totalling $ 119,000.80 as per the attached list of expenditures. (Rate is one day's work for each $20.00 spent.) see attached breakdown of expenditures.

Expenditures relating to office overhead, transportation, lodging, freight, express, construction of roads, erection of buildings, etc., will be accepted up to a maximum of ten percent (10%) of the **required** work.

The said work consisted of

Diamond Drilling - Logan Drilling Limited

Management, Reporting - D. Melling, A.D. Hunter

Assaying - Bondar-Clegg

Attached is a geological report with applicable maps, sample results, drill logs, etc., which is submitted as evidence and initialled by me.

My Post Office address is R.R. 2, Elgar Drive, Millbrook, Ontario L0A 1G0

Tel. No. (705) 932-3130

Dated this fifth day of May 19 89.

Signature of Licensee/Agent

I hereby make oath and say that the above statement is true and correct.

Signature of Licensee/Agent

for J.H. MacMillan

Sworn to

at VILLAGE OF MILLBROOK

in the County of

ANL

MAY 1

The NAMES and ADDRESSES of the men who performed the said work and the DATES upon which each man worked in its performance are as follows:

NAME	ADDRESS	MONTH	DATES
Logan Drilling Limited,	P.O. Box 188 Stewiake, N.S. B0N 2J0	Sept.- Oct., 1988	
D.R. Melling Geological Consulting and Research	6060 Meadowhill Cres., Gloucester, Ont. K1C 5S1	Sept.- Oct. 1988	
A.D. Hunter Earthunt Resources Inc.	R.R.2, Elgar Drive, Millbrook, Ontario L0A 1G0	Sept.- Oct. 1988	
Bondar-Clegg and Company Limited	5420 Canotek Road, Ottawa, Ontario K1J 8X5	Sept.- Oct. 1988	

Wilco Mining Co Ltd

Exploration Expenditures 1988

	Total		Dia Drilling	Telephone	Fees Geological	Assays	Access Road	Core Racks		
Logan Drilling	40507.69		40507.69							
"	44802.58		44802.58							
Jeff Mech. Serv	—									
D.L. Mellon	6272.85				6272.85					
"	3176.38				3176.38					
"	3723.16				3723.16					
"	6026.55				6026.55					
Eastfort Resources	2362.73				2362.73					
"	900.00				900.00					
Sherbrooke Const.	440.00						440.00			
K. J. Grapes	1120.00				1120.00					
Bondar-Clegg	8534.00					8534.00				
Pat McGlynn	154.00				154.00					
J Archibald	266.86							266.86		
Maritime Tel. Tel.	714.00			714.00						
$	119000.80		85310.27	714.00	23735.67	8534.00	440.00	266.86		

L16-84212

Company: Wilco Mining DDH #: WWH-88-1 Azimuth: 000° Core Size: NQ

Property: Wine Harbour Start: Sept. 22/88 Lat: Overburden: 15'

Logged by: D. Melling Finish: Sept. 24/88 Long: Total Depth: 740'

Drilling Contractor: Logan Drilling Ltd., Stewiake, Nova Scotia

AR 89-157

Acid Test

117'	64.5°
244'	62°
364'	61°
484'	60°
594'	58°
724'	57°

Depth From	Depth To	Description	Angles So	Angles Si	Sample Number	Assays (o.p.t) From	Assays (o.p.t) To		
15.0	24.5	Grey, fine grained greywacke; very blocky ground							
24.5	36.9	Dark green chloritic argillite; minor 1 cm sandstone interbeds; obvious 10°-15° angle between cleavage and bedding; locally very thin pyritic lammellare present	45°	35°					
36.9	62.9	Grey, fine grained greywacke; cores very well; bedding is indistinct but grain size variation is present; thin micaceous? lammellare are present which are interpreted to reflect cleavage; first several feel is distinctly coarser grained							
62.9	66.8	Grey, fine grained greywacke with interbedded argillite; argillite layers are up to 2 cm thick and have a similar spacing (2-3 cm)							
66.8	69.5	Grey fine-grained greywacke							
69.5	75.6	Dark green chloritic argillite; last 0.6' is gradational transition to greywacke; at 75.0' there is a 2 mm bedding parallel seam of pyrrhotite (magnetic)							
75.6	98.0	Grey fine grained greywacke							
98.0	109.3	Interbedded greywacke with lesser argillite; argillite layers up to 6 cm thick but amounting to only about 15% of the unit							
109.3	111.3	Dark green argillite bed; in the center of this unit at 110.3' there is a 1.5 cm thick qtz vein; Qtz is smoky, no sulfides or carbonate are visable alteration is present			57001	110.0	111.0	tr	

Company: Wilco Mining | DDH #: WWh-88-1 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Angles So	Angles Si	Sample Number	Assays (o.p.t)		
111.3	113.1	Grey fine grained greywacke						
113.1	113.5	Dark green argillite bed; 1 cm thick qtz/carb vein occurs here; qtz is white and no associated sulfides or alteration is present			57002	113.0	113.4	tr
113.5	114.0	Grey-fine grained greywacke						
114.0	114.5	Dark green argillite; 1cm thick qtz/carb vein at 114.0'; no associated sulfides or alteration						
114.5	127.0	Grey-fine grained greywacke						
127.0	134.5	Dark green argillite; 2cm thick, banded qtz/carb vein at 121.8; qtz is glassy; no associated sulfides or wall rock alteration			57003	133.5	134.5	tr
134.5	142.6	Grey fine-grained greywacke						
142.6	143.5	Dark green argillite						
143.5	170.0	Grey fine-grained greywacke; narrow diffuse lammellare containing pyrrhotite and a micaceous mineral occur throughout this interval; however, volunetrically they don't amount to much						
170.0	177.0	Dark green argillite with minor cm scale sandstone interbeds. Small 1cm qtz/carb vein at 170.4; Qtz is milkly and contains 1 small 2mm clot of chalcopyrite; no visable alteration Small 2 cm banded qtz/carb vein at 176.8; no assoicated sulfides or visable alteration			57006	176.5	170.0	tr
177.0	184.8	Grey fine grained greywacke; 3 one cm thick qtz veins between 181.6 and 181.9; no associated visable alteration but central vein contains central pyrrhotite seam			57006	181.5	182.0	.002

Acid Test

Company: Wilco Mining DDH #: WWH-88-1 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Angles So	Angles Si	Sample Number	Assays (o.p.t)			
184.8	186.2	Interbedded argillite and greywacke Small 1cm qtz carb vein at 185.9; no associated sulfides or alteration			57007	184.5	185.5	tr	
186.2	196.0	Grey fine grained greywacke; at 190.6 there is a small 1 cm qtz carb vein with no associated sulfides or alteration							
196.0	198.8	Thickly interbedded greywacke and argillite At 197.5 there is a 2.5 cm thick qtz/carb vein which contains a pyrrhotic seam and minor chalcopyrite; no visable alteration except for several arsenopyrite crystals 4 cm from vein in the greywacke			57008	197.0	198.0	.002	
198.8	209.3	Grey fine grained greywacke. Weo veins at 201.7' - 202.1' and 202.7' - 202.8'. Contains slivers of wall rock and have arsenopyrite crystals up to 5 cm in the wall rock. Large elangate carbonate to 1.5 cm; Qtz is milky. Wall rock between veins appears bleached		*	57009	201.5	203.0	tr	
209.3	214.4	Dark green argillite; at 213.7 there is a 3.5 cm qtz chlorite vein with no sulfides or alteration							
214.4	221.1	Grey fine grained greywacke							
221.1	222.3	Dark green argillite							
222.3	224.0	Grey fine grained greywacke							
224.0	226.3	Dark green argillite							
226.3	232.4	Grey fine grained greywacke							
232.4	232.8	Dark green argillite containing 1 cm thick qtz carb vein							

Acid Test

Company: Wilco Mining DDH #: WWH-88-1 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Angles So	Angles Si	Sample Number	Assays (o.p.t)		
232.8	269.1	Grey fine grained greywacke 1 - vein 3 cm thick; qtz/carb/chlorite; no associated alteration; tr pyrite 261.2'			57010	260.5	261.5	tr
269.1	272.1	Interbedded (50 : 50) argillite and greywacke						
272.1	281.0	Bedded dark green argillite At 273.0' there are three silicious seams rich in pyrrhotite clots whcih parallel bedding all are about 1 cm thick						
281.0	302.4	Grey fine grained greywacke Vein 2 cm thick qtz/carb/chlorite with trace sulfides (pyrite/pyrrhotite) along margins at 296.9; vein 2 cm thick qtz/chlorite/carb at 297.6			57012	296.5	298.0	tr
302.4	303.2	Dark green argillite 2.5 cm qtz/carb/chlorite vein at 303.1 1 cm qtz vein with sulfides (pyrite) in vein and coatix oblique cross cutting fracture at 302.6			57013	302.4	303.4	.040
303.2	312.4	Grey fine grained greywacke						
312.4	313.4	Dark green argillie Cut by 4 cm qtz/chloritic/carb vein			57014	312.4	313.4	.007
313.4	344.3	Grey fine grained greywacke						
344.3	344.8	Dark green argillite						
344.8	346.5	Grey fine grained greywacke						
346.5	350.8	Dark green argillite						

Company: Wilco Mining DDH #: WWH-88-1 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Angles So	Angles Si	Sample Number	Assays (o.p.t)		
350.8	352.6	Grey fine grained greywacke						
352.6	355.0	Dark green argillite Glassy qtz/carb/chlorite vein 1 cm thick at 353.2 Milkly pqz/carb/chlorite vein 4 cm thick at 354.0 arsenopyrite on fracture surfaces			57015	353.0	354.5	.043
355.0	394.9	Grey fine grained greywacke Between 383.5 and 385.5 there are 3 glassy ptygmatic x-cutting qtz/carb veins almost perpindicular to core axis with 1% disseminated pyrite At 386.5 - 386.8 there is a glassy qtz/carb/chlorite vein with 1% disseminated pyrite			57016	383.5	385.5	tr
					57017	386.0	387.5	tr
394.8	395.5	Dark green argillite						
395.5	397.1	Grey fine grained greywacke						
397.1	397.5	Dark green argillite						
397.5	403.2	Grey fine grained greywacke						
403.2	404.3	Dark green argillite 3 cm qtz/carb/chlorite vein at 403.4			57018	403.2	404.3	.004
404.3	418.0	Grey fine grained greywacke						
418.0	419.0	Dark green argillite						
419.0	420.3	Grey fine grained greywacke						
420.3	421.2	Dark green argillite 420.4 -420.8 Banded qtz/chlorite/carb vein			57-19	420.3	421.2	tr

Company: Wilco Mining | DDH #: WWH-88-1 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Angles So	Angles Si	Sample Number	Assays (o.p.t)		
421.2	513.4	Grey fine grained greywacke 450.7 there is a 4 cm qtz/carb/chlorite vein At 484 and 488 there are two 6 inch layers of greywacke containing argillite rip ups At 509.2 - 509.6 bull qtz vein; appears to have minor bleaching an margins; asgmetric 1.0' up hole			57020 57021	450.0 508.0	451.0 510.0	tr tr
513.4	516.4	Interbedded argillite and greywacke						
516.4	526.2	Grey fine-grained greywacke						
526.2	527.2	Interbedded argillite and greywacke						
527.2	536.0	Grey fine-grained greywacke						
536.0	549.0	Dark green argillite with minor interbedded greywacke		28°				
549.0	555.9	Grey fine grained greywacke						
555.9	560.8	Interbedded argillite and greywacke		45°				
560.8	568.6	Grey fine grained greywacke						
568.6	570.2	Dark green argillite						
570.2	574.9	Grey fine-grained greywacke						
574.9	580.7	Interbedded greywacke and argillite						
580.7	587.4	Grey fine-grained greywacke. Tr disseminated pyrite						
587.4	590.7	Interbedded greywacke and argillite						
590.7	602.0	Fine grained greywacke. Tr disseminated pyrite up to 6mm.						

Company: Wilco Mining DDH #: WWH-88-1 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Angles So	Angles Si	Sample Number	Assays (o.p.t)		
602.0	604.7	Dark green argillite Two veins < 1 cm thick with qtz/carb with pyrrhotite and pyrite seams CA 25° At 604.2 there is a large pyrite/pyrrhotite clot (1 cm) with surrounding pressure fringe			57022 57023	602.0 603.0	603.0 604.7	.015 .003
604.7	608.3	Grey fine grained greywacke						
608.3	608.9	Dark green argillite Hosts 4 cm qtz.carb/chlorite vein CA 35°			57024	608.3	608.9	.004
608.9	616.6	Grey fine grained greywacke						
616.6	617.2	Dark green argillite Hosts 3 cm qtz/carb/chlorite vein CA 36°			57025	616.6	618.3	tr
617.2	617.9	Grey fine grained greywacke						
617.9	618.3	Dark green argillite Hosts 2,5 cm qtz/carb/chlorite vein CA 44°						
618.3	628.7	Grey fine-grained greywacke						
628.7	629.3	Dark green argillite Host 2 - 1mm sirge qtz veins						
629.3	630.2	Grey fine-grained greywacke						
630.2	639.8	Finely interbedded argillite and greywacke (inch scale) mm size qtz/pyrite/pyrrhotite veins at 630.4 and 630.7 1 cm qtz/carb pyrite vein at 631.3 2.5 cm qtz/carb vein CA 20° at 632 po. 1.5 cm qtz carb bein at 632.9 CA 40° po			57026 57027	630.2 632.2	632.2 634.0	tr tr
639.8	648.3	Grey fine grained greywacke						

Company: Wilco Mining | DDH #: WWH-88-1 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Angles So	Angles Si	Sample Number	Assays (o.p.t)		
648.3	649.3	Dark green argillite 1 cm qtz/carb vein at 649.3			57028	648.3	649.3	tr
649.3	650.3	Grey fine grained greywacke						
650.3	650.7	Dark Green argillite 2.5 qtz/carb/chlorite vein at 650.5 CA 36°			57029	650.0	651.0	tr
650.7	656.5	Grey fine grained greywacke						
656.5	657.0	Dark green argillite Host 1 small 6mm qtz/carb/chlorite vein						
657.0	659.8	Grey fine grained greywacke						
659.8	660.4	Dark green argillite 3 cm qtz/carb veins with disseminated pyrite & pyrrhotite CA 36°			57030	659.5	660.5	.043
660.4	667.0	Grey fine grained greywacke						
667.0	668.2	Dark green argillite						
668.2	669.4	Grey fine grained greywacke						
669.4	670.2	Dark green argillite 3 cm banded qtz/carb/chlorite vein			57031	669.0	670.5	tr
670.2	671.4	Grey fine grained greywacke						
671.4	672.0	Dark green argillite						
672.0	674.6	Grey fine grained greywacke						

Company: Wilco Mining | DDH #: WWH-88-1 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Angles So	Angles Si	Sample Number	Assays (o.p.t)		
674.6	675.8	Dark green argillite 2 cm qtz/carb/chlorite vein at 674.6 2 cm qtz/carb/chlorite vein at 675.8 - contains chalco pyrite/pyrrhotite/pyrite Pyrite/pyrrhotite/arsenopyrite porphyroblasts occur within the argillite between the veins			57032	674.6	675.8	.003
675.8	698.5	Grey fine grained greywacke 679.5 - 1cm qtz/carb vein arsenopyrite porphyroblasts in wall rock.			57033	679.0	680.0	.003
		686.0 - 2 cm qtz/carb/chlorite vein with pyrrhotite and pyrite; arsenopyrite porphyroblasts in wall rock.			57034	685.0	686.5	.010
698.5	703.0	Interbedded greywacke & argillite 4.5 cm qtz/carb/chlorite vein with pyrite/pyrhotite at 690.0 CA 35°			57035	698.5	700.0	.081
703.0	708.0	Grey fine-grained greywacke						
708.0	709.5	Dark green argillite						
709.5	710.0	Grey fine-grained greywacke						
710.0	711.4	Dark green argillite At 710.0 there is a 6 inch banded qtz/carb/chlorite vein with trace pyrite and pyrrhotite			57036	710.0	711.4	.013
711.4	718.0	Grey fine grained greywacke						
718.0	720.5	Dark green argillite 1 cm qtz/carb vein at 718.7 3 cm qtz/carb/chlorite vein at 720 pyrite pyrrhotite			57037	718.5	720.0	.034
720.5	740.0	Grey fine grained greywacke Between 727.5 and 728.0 there are two large pyrite porphyroblasts with pyrrhotite rims and qtz/carb pressure shadows			57038	727.5	728.0	.004

Acid Test

Company: Wilco Mining DDH #: WWH-88-1 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Angles So	Angles Si	Sample Number	Assays (o.p.t)		
		733.9 - 734.3 qtz/carb vein with elargate wall rock fragments trace pyrite/pyrrhotite At 734.8 there is a 6 cm qtz/carb/chlorite vein with pyrite and pyrrhotite			59039	733.5	735.0	.002
		END OF HOLE - 740						

Company: Wilco Mining | DDH #: WWH-88-2 | Azimuth: 000° | Core Size: NQ

Property: Wine Harbour | Start: Sept. 24/88 | Lat: | Overburden: 10

Logged by: D. Melling | Finish: Sept. 27/88 | Long: | Total Depth: 814'

Drilling Contractor: Logan Drilling Ltd.

AR 89-157

Acid Test	
100	67°
224	66°
364	65°
504	64.5°
624	64°
764	63°

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
10.0'	28.1'	Greywacke								
28.1'	39.9'	Argillite								
39.9'	68.0'	Greywacke								
68.0'	80.7'	Greywacke with minor argillite interbeds 79.5' - 8mm qtz/carb vein ca 30° bedding								
80.7'	105.8'	Greywacke								
105.8'	106.6'	Interbedded greywacke and argillite								
106.6'	110.0'	Greywacke								
110.0'	112.2'	Argillite								
112.2'	118.0'	Greywacke								
118.0'	120.3'	Argillite								
120.3'	124.0'	Greywacke; contains 3cm argillite bard hosting 5mm vein at 122.3 ca 32° bedding								
124.0'	125.0'	Argillite								
125.0'	137.0'	Greywacke								
137.0	145.2	Interbedded argillite and greywacke 142.5-142.6 Banded qtz/carb/chlorite vein		X			57040	142.0	143.0	tr
145.2	185.6	Greywacke								
185.6	193.2	Well bedded argillite ca 33° bedding 190.5 - 190.6 Buckled banded qtz/carb/chlorite vein. Buckle affects argillite beds over several feet. Suggest it might be related to Caledonia lead		X			57041	190.0	191.0	tr
193.2	207.8	Greywacke 202.0 - 1cm qtz/carb/chlorite vein ca 33°					57042	202.0	203.0	.003
207.8	208.9	Argillite								
208.9	215.5	Greywacke 214.8 - 4mm qtz/carb vein ca 26°				X	57043	214.0	215.0	tr
215.5	216.0	Argillite - 216.0 - 4mm qtz/carb vein				X				
216.0	229.0	Greywacke								
229.0	234.6	ARgillite 234.4 - 1cm qtz/carb/chlorite vein					57044	233.5	234.6	.020
243.4	244.2	Greywacke								

Company: Wilco Mining | DDH #: WWH-88-2 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
244.2	246.9	ARgillite 245.4 - 245.7 qtz/carb/chlorite vein ca 34° 246.5 - 246.7 badded qtz/carb/chlorite vein ca 36°		X		X	57045	245.4	246.7	tr
246.9	254.5	Greywacke								
254.5	257.3	Argillite ca 32° 256.2 - 257.0 4-0.5 cm qtz/carb veins with pyrrhotite seams ca 28°				X	57046	256.0	257.0	tr
257.3	285.0	Greywacke								
285.0	285.7	Argillite								
285.7	293.8	Greywacke								
293.8	309.6	Interbedded greywack and argillite ca 33° 308.0 - 2cm qtz/carb/chlorite vein ca 32°								
309.6	329.0	Greywacke 325.0 - 326.6 - 4-2cm thick qtz/carb/chlorite veins ca 36°					57047	325.0	326.7	tr
329.0	330.0	Argillite								
330.0	332.5	Greywacke								
332.5	333.5	Argillite 333.4 1cm qtz/carb/chlorite vein								
333.5	343.3	Greywacke								
343.3	344.5	Argillite 343.6 - 1cm qtz/carb/chlorite vein ca 38°								
344.5	353.9	Greywacke								
353.9	355.0	Argillite								
355.0	373.9	Greywacke								
373.9	374.7	Argillite								
374.7	379.5	Greywacke								
379.5	389.3	Argillite 388.7 - 4.5cm qtz/carb/chlorite vein ca 38°		X			57048	388.0	389.0	tr
389.3	432.0	Greywacke								
432.0	432.5	Argillite ca 34°								
432.5	439.9	Greywacke								

Acid Test

Company: Wilco Mining | DDH #: WWH-88-2 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays			
439.9	440.5	Argillite ca 33° 1cm qtz/carb/chlorite											
440.5	507.5	Greywacke											
		2 inch argillite beds at 457' and 460' ca 38°											
		graded bedding at 457'											
		458.2 - 458.4 banded qtz/carb/chlorite vein ca 38°					57049	457.5	458.5	tr			
		2 cm pyrite porphyroblast at 482.8'											
507.5	509.2	Argillite cac 27°											
		509.0 1cm qtz/carb/chlorite vein ca 33°											
509.2	527.3	Greywacke very coarse at 523.5											
527.3	528.2	Interbedded greywacke and argillite											
528.2	549.5	Greywacke											
		544.5 3 inches argillite bed											
549.5	550.2	Argillite											
550.2	560.1	Greywacke											
		551.7 1cm qtz/carb vein ca 50°											
		557.0 1cm qtz/carb vein ca 45°											
560.1	566.0	Interbedded greywacke & argillite											
		numerous argillite clasts (elangaterpips)											
566.0	571.7	Greywacke											
571.7	572.3	Interbedded argillite and greywacke											
572.3	575.0	Greywacke											
575.0	575.5	Interbedded greywacke and argillite											
575.5	577.7	Greywacke											
577.7	581.2	Interbedded greywacke and argillite											
		578.7 - 578.8 qtz/carb/chlorite vein ca 48°											
581.2	585.0	Greywacke											
585.0	586.2	Interbedded greywacke and argillite											
		- numerous elongate rip ups											
586.2	595.5	Greywacke											
595.5	600.0	Interbedded greywacke and argillite											
600.0	603.5	Greywacke											
603.5	631.5	Interbedded greywacke and argillite ca 36°											
		- greywack beds up to 3'											
631.5	640.2	Greywacke											

Acid Test

Company: Wilco Mining | DDH #: WWH-88-2 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
640.2	644.6	Interbedded greywacke and argillite ca 35°								
644.6	656.9	Greywacke; pyrite porphyroblasts								
656.9	661.7	Argillite with rare greywacke interbeds								
661.7	664.7	Greywacke								
664.7	665.5	Argillite								
		664.7 - 664.8 qtz/carb/chlorite vein ca 29°					57050	664.7	665.5	tr
665.5	674.0	Greywacke								
674.0	676.0	Interbedded greywacke and argillite								
676.0	688.2	Greywacke								
688.2	697.0	Argillite with monor greywacke interbeds								
		688.3 691.4 1cm qtz/carb/veins ca 40°								
		693.4 2cm qtz/carb/chlorite vein		X			57051	694.0	695.0	tr
		693.7 1cm qtz carb chlorite vein								
697.0	698.0	Greywacke								
698.0	701.0	Argillite 1 1cm qtz/carb veins at 701.0 - 701.2								
701.0	703.0	Greywacke								
703.0	703.7	Argillite 1cm qtz/carb vein at 703.2								
703.7	708.5	Greywacke								
708.5	712.5	Greywacke with lesser argillite interbeds ca 35°								
		712.3 - 712.5 qtz/carb/chlorite veins ca 36°		X	X	X	57052	711.5	712.5	tr
712.5	720.2	Greywacke								
		715.5 clots of qtz elongate 3cm hosting coarse pyrrhotite, chalcopyrite and pyrite								
		714.8 - 714.9 qtz/carb/chlorite vein ca 35°				X	57053	714.0	715.5	.003
		717.0 1cm qtz/carb/chlorite vein					57054	715.5	717.0	.013
720.2	723.7	Interbedded greywacke and argillite								
		720.7 1cm qtz/carb/chlorite vein		X			57055	720.2	721.0	tr
723.7	733.5	Greywacke pyrrhotite porphyroblasts at 725'								
733.5	743.5	Interbedded greywacke and argillite ca 31°								
		736.0 2cm qtz/carb/chlorite vein					57056	735.5	736.5	tr
		741.8 2cm qtz/carb vein								

Acid Test

Company: Wilco Mining | DDH #: WWH-88-2 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
743.5	757.0	Greywacke								
		751.0 - 754.2 zone of several qtz/carb veins								
		30% of section is vein - some are 1cm size	X	X	X	X				
		one at 754 has elangate wall rock fragments					57057	749.5	751.0	tr
		-significant arsenopyrite 3-4mm both					57058	751.0	752.5	.080
		as porphyroblasts and in vein matrix					57059	752.5	754.0	.004
		754.2 - 757.0 several small qtz (glassy)					57060	754.0	755.5	.003
		stringers and clots with associated					57061	755.5	757.0	.016
		pyrite/pyrhotite/arsenopyrite/chalcopyrite								
		in the veins and wall rock								
757.0	757.5	Argillite								
		half this interval is qtz/carb/chlorite vein		X			57062	757.0	758.5	tr
757.5	769.5	Greywacke								
		761.0 3 veins 1cm qtz/carb								
		767.0 - 768.0 3 veins 1cm qtz/carb ca 45°					57063	758.5	760.0	tr
		several other very small veinlets					57064	760.0	762.0	tr
		pyrite, arsenopyrite, pyrrhotite wall rock					57065	762.0	764.0	tr
		parphyroblasts throughout this section					57066	764.0	766.0	tr
769.5	775.6	Argillite					57067	766.0	767.5	tr
		775.3 1 cm qtz/carb vein ca 37°				X	57068	767.5	769.0	tr
775.6	782.5	Greywacke					57069	774.0	775.6	tr
		780 - 780.4 argillite band ca 40°								
		in the greywacke disseninated pyrite, pyrohotile								
		and arsenopyrite parphyroblasts are common								
782.5	784.0	Argillite 2cm pyrrhotite pyrite parphyroblast								
784.0	784.5	Greywacke								
784.5	785.3	Argillite								
785.3	791.5	Greywacke pyrrhotite/arsenopyrite porphyroblasts								
		787.5 1cm qtz/carb vein				X				
791.5	793.2	Argillite								
		792.4 - 792.8 qtz/carb/chlorite vein		X	X	X	57070	791.5	793.2	tr

Acid Test

Company: Wilco Mining DDH #: WWH-88-2 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays			
793.2	814.0	Greywacke - arsenopyrite/pyrrhotite/pyrite parphyroblasts common throughout											
		789.5 - 800.0 1cm qtz/carb veins with associated sulfides	X	X		X	57071	798.0	800.0	tr			
		807.0 - 809.0 f 2cm qtz carb chlorite veins	X	X		X	57072	807.0	809.0	tr			
		END OF HOLE - 814.0											

Company: Wilco Mining

Property: Wine Harbour

Logged by: D. Melling

DDH #: WWH-88-3

Start: Sept. 28/88

Finish: Oct. 4/88

Azimuth: 000°

Lat:

Long:

Core Size: NQ

Overburden: 18'

Total Depth: 780'

Acid Test	
154	70°
304	68°
443	66°
554	64°
704	?

Drilling Contractor:

AR 89-157

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays			
18.0'	25.0'	Greywacke											
25.0'	40.0'	Argillite											
40.0'	71.4'	Greywacke 3 inchs of argillite at 63.0' ca 22°											
71.4'	84.0'	Argillite											
84.0'	114.7'	Greywacke severely broken core 100.0' - 102.0 this may reflect a fault											
114.7'	117.5'	Argillite											
117.5'	119.7'	Greywacke											
119.7'	124.0'	Greywacke with minor argillite interbeds ca 29°											
124.0	125.7	Argillite 124.7 1cm qtz/carb/chlorite vein ca 31°											
125.7	130.3	Greywacke 128.3 1cm qtz/carb vein											
	129.9	1cm qtz/carb vein ca 29°		X									
130.3	131.2	ARgillite											
131.2	145.0	Greywacke											
145.0	146.7	Argillite											
146.7	149.5	Greywacke											
149.7	152.0	Argillite 150.5 - 150.7 banded qtz/carb/chlorite vein ca 35°					57073	150.0	151.0	.008			
152.0	163.5	Greywacke											
163.5	164.5	Argillite											
164.5	196.3	Greywacke 176.4 - 176.6 qtz/carb vein					57074	176.0	176.8	tr			
196.3	202.0	Argillite 196.6 1 cm qtz/carb vein											
202.0	221.0	Greywacke 202.1 1cm banded qtz/carb/chlorite vein ca 30° 213.5 - 213.6 qtz/carb vein											
221.0	222.0	Argillite											
222.0	227.3	Greywacke 225 1 cm qtz/carb venlet ca25°				X	57075	224.5	225.5	tr			

Company: Wilco Mining | DDH #: WWH-88-3 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
227.3	228.0	ARgillite								
		228.0 2cm qtz/carb vein								
228.0	231.0	Greywacke								
231.0	231.6	ARgillite								
231.6	238.9	Greywacke								
		238.5 1cm qtz vein ca 35°				X	57076	238.0	240.0	tr
238.9	239.3	Argillite								
		2 1cm qtz/carb/chlorite veins				X				
239.3	241.0	Greywacke								
241.0	246.7	Argillite								
		245.6 - 245.9 qtz/carb/chlorite vein					57077	245.0	246.0	.003
246.7	253.4	Greywacke								
		248.3 - 250.3 4 1-2cm qtz/carb veins					57078	348.3	250.3	tr
253.4	254.2	Argillite								
254.2	256.7	Greywacke								
256.7	258.7	Argillite								
258.7	304.8	Greywacke								
		262.4 3 cm qtz/carb/chlorite asp parphyroblasts vein ca 40°	X		X		57079	262.0	263.0	.002
		296.6 2cm qtz/carb/chlorite vein ca 35°	X		X		57080	306.0	307.0	tr
304.8	324.0	Argillite with minor greywacke interbeds disseminated pyrrhotite at 323.4					57081	323.0	325.0	tr
324.0	366.3	Greywacke								
		325.5 1cm qtz/carb/chlorite vein								
		328.0 3 cm qtz/carb veins over 2.0' ca 30°					57082	327.0	328.9	tr
		329.0 2cm qtz/carb/chlorite vein within 6 inch band of argillite ca 35°								
		346.0 1 cm qtz/carb/chlorite vein								
		354.7 1 cm qtz/carb/chlorite vein								
		359.1 1cm qtz/carb/chlorite vein								
		364.0 3cm qtz/carb/chlorite vein					57083	363.5	364.5	tr
366.3	367.0	Argillite ca 25°								
		366.4 - 366.5 qtz/chlorite/carb vein								

Company: Wilco Mining | DDH #: WWH-88-3 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
367.0	386.0	Greywacke 378.5 1 cm qtz/carb vein 379.5 1 cm qtz/carb/chlorite vein ca 33°		X						
386.0	387.7	Argillite								
387.7	392.2	Greywacke								
392.2	398.0	Argillite ca 33°								
398.0	400.0	Greywacke								
400.0	461.2	Argillite								
401.2	446.8	Greywacke								
446.8	447.5	Argillite ca 33°								
447.5	455.5	Greywacke								
455.5	456.3	Argillite hosts 2 veins 1cm qtz/carb								
456.3	473.5	Greywacke								
473.5	474.0	Argillite hosts 5 cm qtz/carb/chlorite vein					57084	470.0	474.0	tr
474.0	524.4	Greywacke particularly coarse 498 - 524								
524.4	525.2	Argillite hosts vein 524.9 - 525.2 qtz/carb/chlorite								
525.2	537.1	Greywacke medium coarse trained								
537.1	540.0	Interbedded greywacke and argillite								
540.0	562.5	Greywacke								
562.5	563.5	Interbedded greywacek and argillite ca 35°								
563.5	574.0	Greywacke 568.6 - 568.9 qtz/carb vein (bullish)								
574.0	581.0	Interbedded argillite and greywacke								
581.0	594.6	Greywacke 590.2 2 cm qtz/carb vein								
594.6	595.4	Argillite								
595.4	596.9	Greywacke								
596.9	599.0	Interbedded argillite and greywacke								
599.0	601.5	Greywacke								

Acid Test

Company: Wilco Mining | DDH #: WWH-88-3 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
601.5	604.2	Interbedded argillite and greywacke								
604.2	619.4	Greywacke								
619.4	626.0	Interbedded greywack and argillite								
626.0	631.4	Greywacke								
631.4	632.0	Argillite								
632.0	636.5	Greywacke								
636.5	639.2	Argillite								
639.2	644.1	Greywacke								
644.1	648.4	Interbedded ca 35° argillite and greywacke								
648.4	651.0	Greywacke								
651.0	653.6	Interbedded greywacke and argillite								
653.6	665.4	Greywacke pyrite parphyroblasts at 663'								
665.4	667.0	Argillite								
667.0	680.3	Greywacke								
680.3	680.9	Argillite								
680.9	682.3	Greywacke								
682.3	683.7	Argillite								
683.7	688.5	Greywacke								
688.5	689.2	Argillite qtz/carb/chlorite vein at 688.5 (2cm)					57085	698.0	699.0	tr
689.2	698.6	Greywacke								
698.6	699.0	Argillite								
699.0	700.0	Greywacke								
700.0	700.5	Argillite								
700.5	714.0	Greywacke								
714.0	720.5	Argillite					57086	718.0	719.0	tr
		719.5 one cm qtz-carb vein with 2mm VG min. po CA036°					57087	719.0	720.0	.130
		720 1 cm qtz carb vein				X	57088	720.0	721.0	.003
		720.5 - 720.9 qtz-carb chlorite vein & wallrx inclusions		X						
721.5	723.0	Greywacke with py & po porph's up to 1cm		X		X	57090	721.5	723.0	.003
723.0	725.9	Argillite					57091	723.0	725.9	tr
		723.7 1cm qtz-carb vein		X		X				
		725.2 1cm qtz-carb vein		X		X				

Company: Wilco Mining | DDH #: WWH-88-3 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling, K. Grapes | Finish: | Long: | Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
725.9	739.8	Greywacke with local py-po proph.					57092	728.5	729.5	.010
		729 3cm qtz-carb		X						
739.8	740.1	Argillite hosts 5cm qtz-chlorite-carb vein		X			57093	739.5	740.5	.020
		Very small flect VG								
740.1	740.5	Greywacke								
740.5	741.0	Argillite								
741.0	747.7	Greywacek - local py-po porph.		X		X				
747.7	748.5	Argillite with 1.5 cm qtz-carb-chlorite vein					57094	747.7	748.5	tr
		CA - 040°								
748.5	750.0	Greywacke								
750.0	751.6	Argillite Two 1cm veins at 750.2 and 750.6				X	57095	750.0	751.6	tr
751.6	757.8	Greywacke								
		756.8 - Three thin qtz (carb) veins LO 8cm along bedding - faulted and displaced CA 041° X critting fracture approx 015°								
757.8	758.4	Interbedded Argillite and Greywacke								
758.4	758.8	Greywacke								
758.8	760.2	Interbedded Greywacke & Argillite								
760.2	763.7	Greywacke - med grained with minor anhedral py 2 mm.		X						
		Interbedded argillite approx. 4cm in thickness at 761.6 and 762.2								
763.7	764.4	Argillite with very soft white "spots" grains 1mm								
		763.7 - 763.8 qtz carb chlorite vein					57096	763.7	764.4	tr
		white soft mineral calcite? appears breciated								
764.4	767.6	Greywacke - finer grained more chlorite								
		764.9 - 765.0 Argillite bed								
767.6	769.7	Greywacke - fien grained								
769.7	771.0	Interbedded Greywacke & Argillite								
		770.6 - Argillite with soft white spots contact with greywacke appears to be structural - some dissolution?								

Acid Test

Company: Wilco Mining DDH #: Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: K. Grapes Finish: Long: Total Depth: 780.0

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
		770.7 - 770.8 qtz-carb vein - chlorite along the margins - Carbonate along inner margins qtz ub cire,		X		X	57097	770.2	771.0	tr
771.0	780.0	Greywacke rare euhedral pynte ~2 mm and anhedral po < 2mm								
		776 Qtz-carb ein ~ 0.5cm bladed white carb?		X			57098	775.8	776.5	tr
		776.6 - 776.7 Qtz- (carb) vein with rock fragments (// to bedding)					57099	776.5	777.5	.005
		Several qtz-carb veinlets, parallel to ckeavage/vedding at 776.8; 770;								
		770.4; 778.1; 778.2 fine grained po occurs along margins of several veinlets growing into both greywacke and qtz vein				X				
		greywacke fine grained with v.fg. py disseminated ~778.0								
		779.5 euhedral py. 2mm		X						
		END OF HOLE - 780.0								

Company: Wilco Mining | DDH #: WWH-88-04 | Azimuth: 000 | Core Size: NQ

Property: Wine Harbour | Start: Oct. 4/88 | Lat: | Overburden: 23'

Logged by: K. Grapes | Finish: Oct. 6/88 | Long: | Total Depth: 710'

Drilling Contractor: Logan Drilling Ltd.

AR 89-157

Acid Test	
154'	062°
294'	060°
434'	059°
554'	056°
684'	055°

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
0	23.0	OVERBURDEN								
23.0	31.0	Argillite - very fragmental, chlorite - becoming more cohesive at ~28.5' very chlorite								
31.0	64.8	Greywacke - fine grained, with sub.vert.chl. veinlets 33.3 - 33.6 coarser, pale grey interbeds 36.6 - 36.9 coarser pale grey interbeds < 3mm. CA 038° 44.2 0 45.1 paler grey interbeds 51.0 - 51.5 interbedded chlorite argillite beds < 1cm - wispy 53.7 - 54.0 contorted, gragmental argillite beds very chloritic 56.1 - 57.6 coarser grained greywacke with soft white (calcite?) spots crudely banded with wispy chloritic cleavage trace 58.7 qtz-chlorite-carb vein - looks brecciated quartz med grey - dark grey prismatic grain ~2mm in length fairly hard - quartz in finer grained white qtz-(carb?) matrix. Zones where core more fragmental - faults? at 43.0 - 44.7 and ~46.0 60.7 - 61.2 Interbedded GREYWACKE AND ARGILLITE, very chloritic beds up to 1 cm Ca 032°								
64.8	68.8	Argillite - green with thin interbeds of greywacke - becoming more dominant at base. This section has very abundant fine grained py wisps parallel to bedding - They look like slivers 67.7 Qtz-chlorite-carb vn ~ 3mm in width		X	X X	X	57100	67.0	68.0	tr
68.8	70.1	Greywacke - with minor argillite interbeds finely disseminated py wisps		X						
70.2	70.8	Interbedded Greywacke and argillite argillite beds up to 2cm - pinch and swell, less py.		X						

Company: Wilco Mining DDH #: WWH-88-04 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: K. Grapes Finish: Long: Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
70.8	88.5	Greywacke 71.2 - 76.0 finer grained greywacke 74.0 - 75.5 abundent thin qtz-carb veinlets predominantly at CA 012° to 000°. hex. X-sections of qtz (dark grey) in a mamx of sucrosic qtz & carb rare white carb blade growth across veinlet into gwacke. Subvertical chlorite wisps until 80.0'								
88.5	89.3	Interbedded Argillite & Greywacke finely disseminated py (more predom - in argillie)		X						
89.3	95.2	Greywacke 91.0 3mm wide qtz-carb vn - CA 042° Chloritic Argillite bed ~ 0.5 cm at 91.2 and 91.8								
95.2	97.1	Argillite - gradational contact with overlying greywacke massive								
97.1	101.3	Greywacke 99.3 - 99.5 Argillite with 1cm wide carbonate - qtz vein 101.3 - 101.5 Argillite bed								
101.3	103.0	Argillite with minor aspy py/po 101.3 - Qtz-chlorite-carb vein ~ 1cm wide banded		X		X				
103.0	106.3	Greywacke 104.7 Carbonate-qtz vn - approx. 1cm wide in Argillite bed								
106.3	106.9	Argillite 106.3 Carbonate-qtz vn CA								
106.9	118.0	Greywacke - coarse grained up to 113.8 113.8 - 114.0 Argillite 114.4 - 114.6 Argillite 114.4 carbonate-qtz vn - Pink calcite dark grey qtz minor chlorite								
118.0	119.2	Argillite interlaminated greywacke								
119.2	121.2	Rhythmically interbedded GREYWACKE AND ARGILLITE BED 0.8 - 1.0 cm								
121.2	122.1	GREYWACKE								
122.1	122.9	ARGILLITE								

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Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
		122.3 - 122.4 Banded grey qtz-chlorite-carb vein some dissolution along bands? very minor py.								
122.9	131.7	GREYWACKE								
131.7	132.2	ARGILLITE with dissem po.				X				
		131.7 - 131.8 Qtz-carb-chlorite vn		X			57101	131.5	132.5	tr
131.2	133.0	INTERBEDDED GREYWACKE AND ARGILLITE bands of greywacke finer-grained and more chloritic								
133.0	159.5	Greywacke								
		141.9 - 142 Breccia - fine grained chloritic matrix with fragments and grains up to ~ 0.5cm (small debris flow or milled?)								
		143.4 Qtz-carb-po vein & hematite?		X	X		57102	143.0	144.0	.007
		143.7 Carb-qtz vein ~ 4mm wide								
		148.6 Carb-qtz veinlet ~ 2mm	X	X						
		Qtz-carb-py veins at 155.5; 155.8; 156.0 carbonate occurs as blades CA. 040°								
159.5	164.9	Argillite with minor laminoe of greywacke								
		159.8 Carb-qtz vein								
		Greywacke beds increase from 161.0 to 164.6' beds up to 1 cm in thickness								
		162.1 Carbonate-qtz vein	X							
		162.9 Qtz-chlorite-carbonate vein sucrosic	X							
164.9	165.6	Greywacke								
165.6	167.0	Argillite								
		166.75 - 166.9 Qtz-chlorite-carbonate banded vein CA. 040°		X						
		167 very thin qtz-carb veinlet CA 025°								
167.0	171.5	Greywacke fine grained								
		167.3 - Qtz carb vein 2mm wide		X	X					
		168.0 - 168.4 Several Qtz-chlorite (carbonate) veins, Largest ~ 2cm. Parallel to chloritic bands (concentrated in cleavage?) CA 42°		X						
		170 - 170.1 Qtz-chlorite-carb vein VG	X	X			57103	169.6	170.6	.043
		aspy ~ 203mm equant in greywacke from 169.5 6o 170.0								
		Qtz-carb-veinlets at 170.4; 170.5	X							

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Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
171.5	172.3	INTERBEDDED ARGILLITE & GREYWACKE patchy argillite, very chlorite wacke, minor dissem. py.		X						
		171.5 - Qtz-carb-chlor Vein VG along the margin of vein - in chlorite		X			57104	171.0	172.0	.606
172.2	176.1	GREYWACKE minor py porph's 174.6 175.0 175.2 Qtz-carb-py veins 5mm 175.5								
176.1	177.2	ARGILLITE with po & cpy microveinlets CA 33°			X	X				
177.2	182.4	GREYWACKE - wtih aspy porphroblasts porphroblasts have chloritic halo 171.1 Qtz-carb vn & py		X						
		180.4 - 180.5 Qtz-carb veins 180.6								
		181.3 - 181.45 Argillite with py microveinlet		X						
		181.8 pynte microveinlet								
182.4	183.0	ARGILLITE 182.9 Qtz-carb-py vein-seems to be at angle to bedding CA 048° - bedding CA 038°		X						
183.0	194.4	GREYWACKE with rare py & aspy phenoblasts	X	X						
		183.3 and 183.6 2mm wide qtz-carb & py veinlets 185.9 186.2 1 cm wide argillite beds								
		186.6 stellate py phenoblast - radial growth patterr								
		187.6 Qtz-(carb) (chlorite) veins								
		189.3 Qtz carb bleb (contorted vein) minor po,cep.		X		X				
		190.9 - 191.0 Qtz-chlorite - po vein				X	57105	190.5	191.5	.002
		192.7 - 192.8 ARGILLITE with small qtz-py vein				X				
194.4	198.8	ARGILLITE 194.8 - 195 Four veinlets qtz-carb & py along cleavage - pinch out Core more borken around 195'								
		197.0 thin wispy veinlets // to cv/bedding py or po - no very magnetic CA 035°								

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Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
		198.4 - 198.6 Qtz-chlorite-carbonate vein margins appear as if some dissolution along - interior of vein - chaiotic. carbonate - ankerite?				X				
198.8	203.6	GREYWACKE wispy chlorititic bands at low angle to core axis - minor py porphyroblasts with chloritic shadows - rare aspyporphs (203.5')	X	X						
		201.1 Qtz vein - Bull with some carbonate - chloritic interbed - dark green chloritic rip up clasts minor po. Vein 4" wide								
		201.5 aspy porph. increase	X							
		202.6 - 203.0 faulted qtz vein with minor carb & chlorite vein 1.5" in width minor py		X						
		203.1 large aspy-porphs	X							
203.6	203.4	Argillite with thin py wisps // to cleavage		X						
		203.8 Qtz-carb-py vein approx ½" in width Grey qtz in sucrosic qtz-carb matrix	X							
		204.1 Qtz-carb-po-py vein contorted, press, sol'n along margins. Veins varies from ½ in to < ¼ in.								
203.4	245.5	GREYWACKE - with occassional aspy porph	X							
		207.0 Qtz-(carb, chlorite) vein - approx 0.2 in pinches out, monor po			X					
		207.4 two thin qtz (carb) veinlets								
		207.9 Oil in wide po-qtz-py vein CA 043° aspy has increaded		X		X				
		207.5 - 207.6 Three qtz-carb veins								
		210.3 Thin qtz-carb vein								
		211.6 - 211.9 Qtz-carb veinlets								
		213.1 Contorted - carb - grey qtz vein								
		212.0 ON no porphyroblasts								
		216.6 Qtz-carb-chlorite vein 0.2 in wide in thin argillite bed								
		217.2 Argillite bed 0.3 in wide								
		217.2 - 226 Greywacke with - "snake-like" chloritic wisps (contorted cleavage?)								

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Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
		226 - 229.0 Coarser grained Greywacke 231.4 - 232.1 INTERBEDDED GREYWACKE AND ARGILLITE 232.8 - 232.9 Qtz-chlorite-carb vein very minor po				X				
		232.9 - 235 fine grained greywacke with interbedded ARGILLITE Qtz-carb chlorite vein at 234.5 236 - 236.2 Qtz-carb chlorite banded vein ankerite - yellowish carbonate 236.2 - 236.8 interbedded fine-grained Greywacke and Argillite 242.3 - 242.8 Argillite 244.2 Qtz-chlorite-carb veinlet 244.5 Qtz-chlorite-carb banded vein 0.4in in width								
245.0	253.7	ARGILLITE 249.0 - 250.0 Core badly broken - fault zone? 250 - 253.7 thin interbedded greywacke 252.7 - 252.8 Qtz-carb-chlorite, banded vein very minor py along margin								
253.7	268.6	GREYWACKE - chloritic cleavage traces or Jaminae of argillite very exident 255.1 - 255.3 two qtz-carbonate veins - dipping at opposite K's white-qtz X cuts chloritic/argillite bands - displacing band by 0.2 inches. CA 0020°; angle between vein & bedding CA 63° grey qtz - CA 055°, angle between vein and bedding 085° 256.0 - 256.8 grey qtz veins, minor carbonate 258.5 Qtz-carb vein 0.2 inches wide 259 - 260 10 Qtz-carb-chlorite veins/veinlets most 0.1in - Two veins 0.3 inches 260.4 Two thin (0.1 in) Qtz-carb veins Irregular qtz veinlets - wisps - from 260 - 270' parallel to core axis 264.4 Qtz-chlorite-carb-fragmental vein 0.3 inches wide								

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Depth From	Depth To	Description	Asp	Py	Cpy	Po	Sample Number	Depth From	Depth To	Assays
		267 - 267.2 Argillite								
268.6	269.2	Argillite - with small packets/pits & po				X				
269.2	269.6	Qtz (carb) (chlorite) veins - 0.5 and 1.5 inches in width								
269.6	302.7	Greywacke 274.3 - 276.0 somewhat broken up core 275.4 Qtz-chlorite-carbonate vein, 2 inches wide 275.5 - 276.2 Argillie 276.2 - 280 Greywacke very fine grained 280.0 - 280.7 lighter grey-coarser grained greywacke 282.5 Qtz wisps // to core axis 283.2 - 283.6 Argillite - more massive bed 283.2 1 inch Qtz-carbonate-chlorite irregular vein. minor py wisps in argillite 287.6 - 288.0 BROKEN 290.9 thin grey qtz veinlet 290.5 - 291.5 lighter grey greywacke lamina in med greywacke. Qtz-carb-chlor veins at 292.5; 292.8 and 293.4 294.7 - 295.6 Broken, missing some 298 - 299.0 Broken								
302.7	306.1	Argillite Fairly massive								
306.1	307.6	Greywacke very fine grained - chloritic								
307.6	308.7	Agrillite 307.6 Two periods of veining? 0.4 inch Carb-Qtz vengs 0.7 in Otz-chlor-carb vein Abundant - parhal veins - blebs of Qtz-carb minor cpy, po - folded veins 308.1 - 308.3 Breccia vein - rock grags in Qtz-chlorite-carbonate vein, Carbonate rimming chloritic argillite frags.		X	X	X				
308.7	364.0	Greywacke 319.6 - Qtz-carb vein with frag of greywacke approx. 0.2 inches wide								

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Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
		320.0 Qtz-carb vein 0.5 inches wide 322.2 - 323.0 broken core 329.0 - 330.0 broken core 337.0 core broken 334.5 Banded Qtz-chlorite carb vein 0.3 inches wide minor po				X				
		350.3 - 350.5 Qtz-chlorite-carb vein 350.5 - 350.7 Argillite 350.7 - 350.9 Carbonate - qtz vein- calcite-pinkish - a fiberous looking vein								
364.0	364.25	Banded Qtz-chlorite-carbonate (ankerite?) vein, several small veins - all seem to have dissolution margins in contact with host argillite. CA 042°								
364.25	453.5	Greywacke 365.0 veinlet of carb-qtq 1mm wide // to core axis to 005° dip 383.4 broken core - fault zone extended to 384.5 393.7 - 394.1 interbanded argillite and qtz-chlorite-carb veins. veins 0.1 to 0.2 inches in with. Lots of dissolution going on minor py in veins.		X		(X)					
		399.8 po replacing py phorphyroblast with chloritic shadows 401.1 - 401.3 Plae grey bands - contorted greywacke 408.0 - 411.5 Greywacke fine grained 419.1 - 419.2 Coarse-grained greywacke - violet blue - round ptz?, rounded grains - well sorted 419.2 - 438 larger - 1-2mm black rounded grains in greywacke with occassional violet grains 422.0 - 422.7 Coarse-grained greywacke, well rounded grains mainly rock frags. 422.8 thin qtz-(carb) vein 423.0 Argillite - 1 inch								

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Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
		423.0 - 426.0 Coarse greywacke with round black clasts; flattended black clasts up to 0.1 inch - and round violet/pale blue qtz.								
		428.5 lcoal roundish py porphyroblasts		X						
		429.2 - 430.4 Enechelon qtz-carb veining veins 1/10 in. wide								
		432.9 Argillite to 433.0								
433.0	433.1	banded qtz-chlorite-carb vein very minor pynte								
		434.0 - 434.5 Enechelon qtz- (carb) veining minor pynte in greywacke								
		438 Greywacke - medium grained again								
		Box 32 - NOT LABELLED LAST BOX OF NIGHT SHIFT MISSING OR MISS NUMBERED								
		440 - 442.5' Box 32 starts at 442.5'								
		442.5 clean looking qtzite arenite with carbonate cement, minor pyrite								
		443.6 small porphyroblast of aspy and an increase in py porphs.	X	X						
		443.8 Argillite								
		443.95 - 444.1 Qtz-chlorite-carb vein moderate py smells when broken open!		X		(X)	57107	443.5	444.5	.033
		441.1 - 446.8 Coarse - grained greywacke & blue qtz.								
		449.15 Qtz-carb bein trance py & po. carbonate bladed - CA 047°								
		451.1 - 451.2 Qtz-carb vein - white qtz small aspy & py porphyroblasts in surrounding greywacke.	X	X						
		453.2 - 454.3 Interbedded c-grained greywacke and argillite - argillite beds wispy-pinching out Py lenses occur along bedding - Occosional py porphyroblast.		X						
		454.1 - 454.3 Qtz-chlorite veins convolute in coarse-grained greywacke, py & aspy porphyroblasts	X	X						

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Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
453.5	455.7	INTERBEDDED GREYWACKE AND ARGILLITE fine-grained po lenses and wisps // to bedding. Argillite beds up to 0.4' in thickness generally 0.1' and wispy-discontinuous								
455.7	463.0	GREYWACKE - local - small po porphyroblasts				X				
		456.1 - 456.5 very fine grained - siliceous								
		455.8 - 456.1 Qtz-carb vein minor po					57108	456.5	456.5	.009
		hematite (/) - aspy in greywacke CA 045°	X			X				
		459.1 - 459.2 Qtz-carb-po vein VG					57109	458.8	459.3	.756
		Qtz-carb veinlets at 459.7; 460.2; 460.3; 461.1					57110	460.8	461.8	.026
		(1" vein); 461.3; 461.4 - 461.5 minor aspy porpy in greywacke Euthedral pyrite 1mm. increases								
		462.1 - 462.3 Qtz-carb-chlorite VN		X			57111	462.4	463.0	tr
463.0	464.1	Qtz-carb-chlorite vein with hematite (red streak) and moly galena? at 463.2 euhedral py					57113	464.0	465.5	.027
464.1	465.5	Greywacke with euhedral py; on hedral po, sub hedral aspy	X	X		X				
		Qtz-carb veins 0.5 inches at 464.2; 464.8; 464.9 465.1								
465.5	467.0	Qtz-carb chlorite - Au interbedded with minor	X	X			57114	465.5	466.5	3.859
		argillite and arsenopynite bearing greywacke					57115	466.5	467.3	.130
		Chlorite in veins as clots - or wispy minor py-po								
467.0	476.7	Greywacke with minor py porphs		X						
		Qtz-carb veins 0.5 inches in thickness at 470.8; 471.9; 472.1								
		Qtz-carb (chlorite) veins with minor euhedral py at 473.6, 474.9								
476.7	477.8	Qtz-chlorite-carbonate vein in argillite. Minor					57116	476.7	477.8	.022
		fragments of argillite caught up in the vein,	X	X		X				
		abundant aspy & po in the chloritic wisps.								
477.8	479.2	Greywacke with aspy and po porphyroblasts	X			X				
479.2	480.6	Interbedded greywacke and argillite rare po in argillite, convolute qtz-carb-chlorite vein at 479.6								

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Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
480.6	486.2	GREYWACKE with rare interbedded laminae of argillite and rare small po porph's								
486.2	486.9	ARGILLITE with minor fractures filled with qtz or po				X				
486.9	488.0	GREYWACKE with interlaminated argillite (0.5 inches) chloritic cleavage cuts qtz veinlet - displacing it 1.5 inches		X						
488.0	490.0	Interbeded argillite & greywacke - large (0.5 inchs) porphyroblast of aspy	X							
		488.3 - 488.5 Qtz-chlorite-carb vein very fine grained py & aspy	X			X	57117	488.2	489.5	.340
490.0	491.3	Greywacke								
491.3	497.0	Interbedded argillite and greywacke								
497.0	499.2	Greywacke with minor po porphyroblasts								
499.2	503.0	Interbedded greywacke and argillite local py porphyroblasts 499.4 - 499.5 Contorted Qtz-chlorite-carb vein very minor po. 500.2 broken core - qtz-carb vein & ptigmatic qtz veinlets								
503.0	507.0	Greywacke - abundant fine grained py & po - pitted		X		X				
		505.5 - 506.0 abundant fine-grained euh - py		X						
507.0	507.5	Qtz-chlorite-carb vein minor euhedral py		X						
507.5	513.5	Interbedded Argillite & Grewyacke, local po porphyroblasts - rock more broken.								
513.5	515.3	BRECCIA - post Qtz veining displacing vein clasts angular to subrounded matrix more carbonate rich - sucrosic minor py as porphyroblasts and fracture filling		X						
515.3	517.2	Interbedded argillite and Greywacke local po porphyroblasts in greywacke 516.0 - 516.2 Qtz-carb-chlorite vein with euhedral py		X						
517.2	520.3	Argillite 518 - 518.4 Greywacek with po porph.				X				

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Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
		518.7 Thin greywacke bed with po and py porph up to 1/3 inch. (5mm)		X		X				
520.3	522.6	Interbedded argillite & greywacke								
522.6	524.0	Argillite								
524.0	527.8	Greywacke								
527.8	528.6	Argillite - very friable, thin veinlets qtz								
528.6	547.3	Greywacke - fine-med grained massive		X						
		530.7 - 529.4 Core borken								
		535.3 - 535.5 Qtz-wisps subparalled to core axix								
		536.5 - 536.7 Argillite								
		537.6 - 537.9 two thin carb-qtz veins					57118	537.0	538.0	1.721
		VG!! ODD! BROKEN CORE								
547.3	547.9	Argillite								
547.9	548.7	Greywacke								
548.7	550.0	Argillite & Greywacke interbedded beds 1cm. wide								
550.0	553.7	Argillite								
		550.4 - 550.5 Qtz-carb vein								
		551.0 Banded qtz-chlorite-carb vein 1cm. wide					57119	550.4	551.6	.002
		551.6 contorted banded qtz-chlorite carb vein								
553.7	554.5	Greywacke - broken core - fault?								
554.5	557.8	Argillite								
		554.5 - 555.5 Broken Core								
557.8	566.8	Greywacke								
		561 - 562 Vertical (// to core axis) qtz veinlets								
566.8	567.6	Argillite								
567.6	574.2	Greywacke with wispy chloritic cleavage		X		X				
		large, lcoal py porphyroblasts, small po porph.								
		569.2 - 569.35 Qtz-chlorite-carb vein					57120	569.0	570.0	tr
		py and aspy porph in surrounding greywacke	X	X						
574.2	575.4	Interbedded greywacke and argillite								
575.4	577.8	Greywacke								
577.8	579.6	Interbedded greywacke and argillite								
		578.8 - 578.9 Two qtz-carb veinlets CA 044°								
579.6	585.6	Greywacke								

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Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
585.6	588.5	Interbedded greywacke and argillite argillite beds 2 cm.								
588.5	590.8	Greywacke 588.8 Thin banded qtz-chlorite-carb vein								
590.8	591.3	Argillite / chloritic fine grained greywacke								
591.3	618.0	Greywacke 594 - 595.4 Broken core 1.5 ft. of core missing! 595.4 - 596.0 very chloritic greywacke 596.9 thin white qtz veinlet 601.6 white qtz-carb contorted vein. fine-grained py porphyroblasts		X						
		606.0 an increase in euhedral py		X						
		606 - 614.0 "Spiderweb" qtz veinlets - very fine wisps of qtz - some enechelon veinlets 614.0 Core Broken								
618.0	619.5	Interbedded argillite & greywacke 618 Veinlet of Qtz-chlorite-carb 619.2 - 619.5 Broken Core								
619.5	620.5	Greywacke								
620.5	621.0	Interbedded argillite & greywacke								
621.0	624.0	Greywacke								
624.0	625	Interbedded greywacke & argillite argillite beds 2 cm.								
625.0	626.3	Greywacke								
626.3	628.8	Argillite - fairly massive, thin beds of greywacke 627.6 - 628.0 Greywacke								
628.8	635.2	Greywacke 630.7 - 631.2 Argillite								
635.2	638.0	Argillite 636.0 - Qtz-carb vein 3mm. wide 636.6 - 636.9 Qtz chlorite carb vein appears					57121	636.0	637.2	tr
		tightly folded - minor py & gal?	X							
638.0	681.2	Greywacke - local py/po porphyroblasts - minor py fracture filling	X							
		645.5 - 646.0 thin qtz veinlets along cleavage								

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Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
		651.0 - 653.5 abundant enechelon and fracture filling qtz veins - minor py in veinlets 654.5 Qtz chlorite carb vein 1 cm wide. 660.3 - 660.7 Argillite with 2 mm wide qtz veinlet py along cleavage planes		X						
		661.3 - 662.4 Argillite interbedded with greywacke 663.3 - 664.2 Interbedded argillite & greywacke 664.7 - 665.0 Argillite 666.0 - 666.4 666.7 - 667.2 Interbedded argillite & greywacke 668.0 Large po porphyroblast - qtz shadow				X				
		674.0 an increase in the # of po porphyroblasts - still pretty few								
681.2	682.8	Argillite 681.7 thin qtz-carb veinlet 682.6 Qtz-carb vein 2 mm wide								
682.8	685.1	Greywacke 683.3 - 683.6 Argillite								
685.1	687.5	Argillite 685.2 and 685.5 thin carbonate qtz veins 686.5 - 686.9 Greywacke								
687.5	689.3	Greywacke								
689.3	695.1	Argillite 690.0 - 690.5 Greywacke								
695.1	705.4	Greywacke 697.3 - 697.8 Qtz & calcite parallel to cleavage - wispy		X						
		698.6 Qtz-carb veinlet in argillite 700.7 - 701.0 Argillite 702.8 - 1 cm pink calcite - qtz vein 702.9 - 703.8 Argillite 703.8 Greywacke paler - local po porphyroblasts								
705.4	708.0	Interbedded greywacke & argillite								
708.0	710.0	Greywacke 709.7 - 709.8 Argillite								

END OF HOLE _ 710.0

Company: Wilco Mining | DDH#: WWH-88-05 | Azimuth: 000 | Core Size: NQ

Property: Wine Harbour | Start: Oct. 07/88 | Lat: | Overburden: 18'

Logged by: Kate Grapes | Finish: Oct. 11/88 | Long: | Total Depth

Drilling Contractor: Logan Drilling Ltd.

AR 89-157

Acid Test	
223	078°
364	077°
514	075°
664	
904	73°

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays (o.p.t)
0	18'	OVERBURDEN								
18.0	35.5	GREYWACKE 34.0 - 35.5 fine-graned lenses/wisps of po - throughout quite abund. up to~10%				*				
35.5	51.5	ARGILLITE with fine-graned po wisps throughout wisps // to cleavage 44.0 1 cm wide CARB-QT VEIN				X				
51.5	102.3	GREYWACKE 93.7 - 94.5 ARGILLITE 97.5 - fine-grained po disseminated in greywacke				(x)				
102.3	111.3	ARGILLITE with fine grained po wisps 107.1 - 107.2 Quz-carb vein 108.4 - 1 cm po-chlorite-qtz vein boudined, contorted - in cleavage				X	57122	107.0	108.5	tr
111.3	151.0	GREYWACKE 111.3 - 151.0 ARGILLITE 148.2 - 148.7 Contorted - wispy beds of argillite								
151.0	154.0	ARGILLITE								
154.0	161.8	GREYWACKE 155.0 - 155.5 ARGILLITE 156 - Qtz - carb bein - sucrosic CA 010° dark grey prismatic qtz in sucrosic qtz & carb. Steeply dipping cleavage 157.5 - 158.0 ARGILLITE - pitted - po wisps 158.8 - 159.1 qtz veinlet at solution contact with greywacke								

Acid Test

Company: Wilco Mining | DDH #: WWH-88-05 | Azimuth: 000 | Core Size: NQ

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: Kate Grapes | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays			
		160.6 - 161.5 BROKEN CORE - INTERBEDDED - GREYWACKE AND ARGILLITE											
161.8	187.2	ARGILLITE - minor po wisps in cleavage 166.9 - 167.6 ARGILLITE 169.5 - VEINLET QTZ-CARB-PO CA .025° 169.5 - 170 ARGILLITE, minor po wisps 173.0 - 174.5 Fine veinlets QTZ-CARB - fracture filling CA 080° 178 - 179.8 Qtz-carb wisps - veinlets parallel to core axis - tension fractures? 180 - Py & PO along cleavage 183.0-183.4 - ARGILLITE 184.5 - 185.0 - ARGILLITE		X		(X) X							
187.2	189.0	ARGILLITE minor po wisps in cleavage				(X)							
189.0	190.6	INTERBEDDED ARGILLITE & GREYWACKE											
190.6	191.5	GREYWACKE											
191.5	192.3	ARGILLITE											
192.3	193.0	GREYWACKE											
193.0	195.7	ARGILLITE - Po in cleavage 194.5 - 194.7 BANDED QTZ-CARB-CHLORITE VEIN					57123	194.0	195.0	tr			
195.7	210.5	GREYWACKE											
210.5	212.5	INTERBEDDED ARGILLITE & GREYWACKE 210.6 - QTZ-CHLORITE VEIN pinches and swells											
212.5	253.2	GREYWACKE 214.7 - Qtz-carbonate tension gosh 219.0 - 219.5 BADLY BROKEN CORE 221.0 - 221.5 BROKEN CORE											

Acid Test

Company: Wilco Mining | DDH #: WWH-88-05 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: Kate Grapes | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
		224 - 224.2 - BRECCIA - fine-grained angular clasts in carbonate-rock matrix								
253.2	263.0	ARGILLITE 259.0 - thin qtz-carb veinlet in cleavage 260.0 - 260.1 - BANDED QTZ CHLORITE - CARB VEIN well developed crenulation cleavage								
263.0	293.7	GREYWACKE 268.0 - QTZ-CARB-TENSION GASH parallel to core axis 273.0 - fine-grained py 274.9 - wispy bed of ARGILLITE 276.0 - QTZ-CARB vein 1 cm wide 276.0 - 276.2 ARGILLITE 277.0 - 277.5 ARGILLITE 283.7 - 285.3 ARGILLITE 286.1 - 286.3 BROKEN CORE 289.4 - po veinlet in cleavage 290.0 - 290.4 BRECCIA & BROKEN CORE				X X				
293.7	294.7	ARGILLITE 294.5 - QTZ-CHL CARB BEIN 2mm-1cm wide					57124	294.0	295.0	tr
295.0	296.0	INTERBEDDED ARGILLITE AND GREYWACKE CA 025°								
296.0	311.5	GREYWACKE - local small po parph. 298.0 - 298.5 ARGILLITE 308.8 - 309.2 ARGILLITE 311.5 - 319.8 ARGILLITE 317.8 - 319.8 po wisps & vons 318.5 - 318.6 BANDED QTZ-CHLORITE CARB VEIN CA 025°				(X) X	57125	318.0	319.0	tr

Acid Test

Company: Wilco Mining | DDH #: WWH-88-05 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: Kate Grapes | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
		- grey prismatic qtz in carb and chlorite								
319.8	327.8	GREYWACKIE								
327.8	329.2	INTERBANDED ARGILLITE AND GREYWACKE								
329.2	331.3	GREYWACKE								
331.3	334.3	ARGILLITE 332.5 - 332.7 TWO THIN VEINS CARBONATE-QTZ and CLORITE - CARB-QTZ 334.0 - 334.1 BANDED - QTZ-CHLORITE-CARB VEIN CA 028°					57126	333.5	334.5	.002
334.3	343.8	GREYWACKE - coarse-med grained - blue qtz 337.0 -338.0 Tension fractures - sub-parallel to core axis filled with carbonate & qtz 342.0 - 342.8 ARGILLITE - BROKEN CORE - QTZ-CARB VEIN DISTORTED DUE TO CLEAVAGE								
343.8	345.3	ARGILLITE & GREYWACKE INTERBEDDED BEDS ~1 cm in width								
345.3	377.8	GREYWACKE 360.6 - 361.0 WISPY BEDDED ARGILLITE 369.0 - 370.2 ARGILLITE WITH VEINLET QTZ-CARB AT 369.8 370.9 - 371.5 INTERBEDDED ARGILLITE & GREYWACKE 373.0 - 373.7 pale-grey wisps in greywacke - more qtz rich - once qtz veinlets - messed up by press-solution - cleavage?								

Acid Test

Company: Wilco Mining | DDH #: WWH-88-05 | Azimuth: 000 | Core Size: NQ

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: Kate Grapes | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
377.8	378.0	QTZ-CHLORITE-CARB VEIN with minor graphite? moly?					57127	377.5	378.5	.045
378.0	379.2	ARGILLITE								
379.2	387.0	GREYWACKE 383.9 - 387.0 very fine graned greywacke								
387.0	391.2	ARGILLITE CA~023° py along cleavage plane		X						
391.2	393.5	GREYWACKE qtz & py along cleavage		X						
393.5	407.1	ARGILLITE 395.2 - 395.5 po wisps & lenses in argillite 396.2 - 397.0 BADLY BROKEN CORE - FAULT ZONE 397.0 - 407.1 INTERBEDDED ARGILLITE AND GREYWACKE				X				
407.1	429.3	GREYWACKE - qtz & py along cleavage planes 418.2 - 418.3 BROKEN CORE 424.0 - 424.1 QTZ-CARB-CLORITE VEIN CA - 033° IN THIN ARGILLITE BED 425.4 - 425.5 QTZ-CHLORITE-CARB VEIN		X			57128 57129	423.9 424.9	424.9 425.9	tr tr
429.3	430.7	INTERBEDDED ARGILLITE & GREYWACKE								
430.7	433.6	GREYWACKE								
433.6	434.7	ARGILLITE WITH DISSEMINATED PO 434.6 thin breccia vein - qtz, carb, chlorite & rock frags.				X				
434.7	440.2	GREYWACKE								
440.2	441.6	INTERBEDDED GREYWACKE & WISPY BEDDED ARGILLITE								

Acid Test

Company: Wilco Mining | DDH #: WWH-88-05 | Azimuth: 000 | Core Size: NQ

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: Kate Grapes | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
441.6	482.8	GREYWACKE 444.1 - 444.6 INTERBEDDED ARGILLITE & GREYWACKE 445.9 - 446.4 INTERBEDDED ARGILLITE & GREYWACKE, BRECCIA VEIN AT 446.2					57130	446.0	447.0	tr
		451.0 - 451.9 INTERBEDDED GREYWACKE & ARGILLITE 460.5 - 461.5 ARGILLITE 460.7 0.7 cm wide QTZ-CHLORITE-CARB VEIN WITH MINOR PY CA 033°					57131	460.5	461.5	tr
		461.0 vertical (parallel to core axis) qtz wisps & tension fracture filling 464.1 - 464.4 ARGILLITE 474.5 thin qtz-carb-chlorite - py veinlet		X						
		474.9 - 475.6 Argillite 475.3 thin qtz-carb-py veinlet		X						
		477.7 - 481.0 CONVOWTE, wispy-tension fracture filling qtz-carb-chlorite veinlets / wisps - pitted (chlorite?) veinlets at CA ~ 010° to 000°					57132	478.0	480.0	tr
482.8	484.4	ARGILLITE								
484.4	490.0	GREYWACKE								
490.0	496.8	ARGILLITE 494.0 - 494.5 BROKEN CORE - FAULT ZONE 495.2 QTZ-CARB-po-cpy blebs 1 cm in argillite boveined		X	X					
496.8	500.0	GREYWACKE								
500.0	502.2	ARGILLITE 501.2 - 501.35 BANDED QTZ-CHLORITE-CARB VEIN					57133	500.7	501.7	tr

Acid Test

Company: Wilco Mining | DDH #: WWH-88-05 | Azimuth: 000 | Core Size: NQ

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: Kate Grapes | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
502.2	574.0	GREYWACKE with small mp up clasts locally 513.8 1 cm qtz-carb vein 514.6 - 515.0 BROKEN CORE 533 - 534.0 537.0 538.4 wispy CONTORTED QTZ-CARB veinlets - tension fract. filling - contorted by cleavage 542.4 - 543.4 INTERBEDDED ARGILLITE AND PALE GREY GREYWACKE 555.7 - 557.4 ARGILLITE WITH COARSE GRAINED GREYWACKE AT 556.5-556.6 559.0 - 559.7 ARGILLITE & GREYWACKE interbedded 566.5 - 567.0 ARGILLITE 567.8 - 568.2 ARGILLITE 568.5 - blue qtz in greywacke								
574.0	575.8	INTERBEDDED ARGILLITE & greywacke, thin veinlet qtz-carb at 575.4								
575.8	590.9	GREYWACKE 582.0 - fine-grained greywacke - local po poph 584.8 - 590.0 fractured-sealed with qtz-very thin fractures - many empty - some wispy qtz // to core axis to 010° 590.9 - 590.15 QTZ-CARB-CHLORITE VEIN 590.15 - 591.7 ARGILLITE-BROKEN CORE 593.2 - 593.9 ARGILLITE 597.0 - 598.0 BROKEN CORE finely disseminated py in greywacke 624.0 py porphyroblcsts 635.9 - 636.1 ARGILLITE qtz veinlet		X		X	5713.4	590.8	591.8	tr

Acid Test

Company: Wilco Mining | DDH #: WWH-88-05 | Azimuth: 000 | Core Size: NQ

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: Kate Grapes | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
		647.0 - 649.5 BROKEN CORE 650.7 - 651.5 VERY FRIABLE-BROKEN CORE 658.3 - 658.6 Qtz/carb/Chlorite vein ca 30°					57135	658.0	659.0	tr
664.0	664.5	Argillite								
664.5	689.7	Greywacke 673.5 - 3 cm argillite bed ca 30°								
689.7	690.2	Argillite								
690.2	694.0	Greywacke								
694.0	694.7	Argillite 694.3 - 3 cm qtz/carb/chlorite vein					57136	694.0	694.7	tr
694.7	704.0	Greywacke								
704.0	705.1	Argillite								
705.1	711.6	Greywacke								
711.6	715.2	Argillite								
715.2	717.8	Greywacke								
717.2	720.0	Argillite with interbedded greywacke								
720.0	724.7	Greywacke 720.5 - 721.0 qtz/chlorite vein					57137	720.0	721.5	tr
724.7	736.7	Interbedded greywacke and argillite - rip ups of greywacke common								
736.7	759.0	Greywacke								
759.0	770.2	Interbedded greywacke and argillite Mp in ps of argillite very common								
770.2	783.7	Greywacke								
783.7	785.5	Argillite with minor greywacke								
785.5	788.6	Greywacke								
788.6	789.9	Argillite with minor greywacke								
789.9	793.5	Greywacke								

Acid Test

Company: Wilco Mining | DDH #: WWH-88-05 | Azimuth: 000 | Core Size: NQ

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: Kate Grapes | Finish: | Long: | Total Depth:

Drilling Contractor:

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
793.5	794.6	Argillite ca 30°								
794.6	804.5	Greywacke								
804.5	805.0	Argillite								
805.0	808.9	Greywacke								
808.9	811.6	Interbedded argillite and greywacke								
811.6	867.3	Greywacke								
867.3	871.7	Argillite								
871.3	877.9	Greywacke								
877.9	879.0	877.9 - 2.5 an qtz/carb/chlorite vein ca 30°					57138	877.9	879.0	tr
879.0	887.9	Greywacke								
887.9	889.5	Argillite								
889.5	890.2	Greywacke								
890.2	891.0	Argillite								
891.0	906.3	Greywacke								
906.3	914.1	Argillite ca 30 tr of pyrite/pynoliotite					57139	913.0	914.1	tr
		Qtz/chlorite/carb vein with bleached					57140	914.1	915.0	tr
		argillite inclusions 25% tr chalcopyrite					57141	915.0	915.9	tr
							57142	915.9	917.0	tr
							57143	917.0	918.0	tr
918.0	921.5	Argillite								
		918.6 2 an qtzcarb/chl vein ca 10°								
		920.2 - 920.7 qtz carb/chl vein ca 30					57198	918.0	920.0	tr
		921.2 - 2 an qtz carb/chl vein ca 30					57199	920.0	922.0	tr
		END OF HOLE - 921.5								

Company: Wilco Mining DDH #: WWH-88-6 Azimuth: 000 Core Size: NQ

Property: Wine Harbour Start: Oct. 11/88 Lat: Overburden: 18'

Logged by: D. Melling Finish: Oct. 12/88 Long: Total Depth: 587

Drilling Contractor:

AR 89-157

Acid Test	
214	546
364	
524	490

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays (o.p.t.)
18.0	51.7	GREYWACKE								
51.7	53.0	ARGILLITE with interbedded greywacke								
53.0	56.2	GREYWACKE								
56.2	59.7	ARGILLITE 59.5 pyrrhotite porphyroblasts along bedding								
59.7	80.5	GREYWACKE 77.5 - 1cm qtz/carb/chlorite vein								
80.5	82.5	ARGILLITE ca 45°								
82.5	86.0	GREYWACKE 84.6 - 3mm qtz/carb vein ca 45°								
86.0	88.0	ARGILLITE 87.5 - 1cm qtz/carb/chlorite banded vein					57144	87.0	88.0	tr
88.0	99.7	GREYWACKE 89.8 - 3mm qtz/carb vein ca 50° 90.5 - 1cm qtz/carb/chlorite vein								
99.7	106.3	ARGILLITE with greywacke interbodds 104.5 - 2cm banded qtz/carb/chloride vein					57145	104.0	105.5	tr
106.3	113.8	GREYWACKE								
113.8	114.9	ARGILLITE 113.2 - 1cm qtz/carb vein					57146	113.8	114.9	tr
114.9	137.0	GREYWACKE								
137.0	142.7	ARGILLITE 140.2 141.5 >0.5 qtz/carb/chlorite veins ca 30°					57147	140.0	142.0	tr

Company: Wilco Mining DDH #: WWH-88-6 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
142.7	170.5	GREYWACKE								
		154.6 - 155.4 Argillite								
		161.2 - 161.7 Argillite					57148	142.7	145.0	tr
		-over this entire interval arsenopyrite with					57149	145.0	147.5	tr
		lesser pyrrhotite and pyrite porphyroblasts					57150	147.5	150.0	tr
		-approximately 33 small veinlets up to 2cm					57151	150.0	152.5	tr
		thick this section qtz/carb/chlorite	X	X	X	X	57152	152.5	155.0	tr
		-some have pyrrhotite/pyrite/chalco/arseno					57153	155.0	157.5	.002
		-ca 42, 45, 47, 50, 47					57154	157.5	160.0	tr
		-vein locations; 144.6; 145.5; 146.9; 147.5(3)					57155	160.0	162.5	tr
		148.5(2); 149.0; 150.3; 150.8; 152.2; 152.6					57156	162.5	165.0	tr
		153.0(3); 154.2; 157.2(4); 159.6(2); 160.1					57157	165.0	167.5	tr
		160.6; 161.8(2); 162.5; 163.3; 164.6; 165.2(2)					57158	167.5	170.5	tr
		165.8; 167.0; 167.5(2); 168.1; 168.4; 170(2)								
		-porphyroplasts do not tend to occur in the								
		argillite								
170.5	174.5	ARGILLITE					57159	170.5	172.0	tr
		171.3 - 0.5cm qtz/carb vein				X				
		174.2 - 1.0cm qtz/carb vein		X	X	X				
		-no porphyrdoblasts								
174.5	179.8	GREYWACKE								
		-arsehopyrite/pyrite/pyrrhotite porphyroblasts					57160	174.0	176.0	tr
		176.5 - 176.7 qtz/carb/chlorite vein		X			57161	176.0	178.5	.002
179.8	181.0	ARGILLITE					57162	178.5	179.8	tr
		180.2 - 2cm qtz/carb/chlorite vein		X		X	57163	179.8	181.0	.005
		181.0 - 1cm qtz/carb/chlorite vein		X		X	57164	181.0	183.0	tr

Company: Wilco Mining DDH #: WWH-88-6 Azimuth: 000 Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
181.0	203.8	GREYWACKE -arsenopyrite occurs locally adjacent to veins 182 - 1cm qtz/carb/chlorite vein				X				
		185.7 - 1cm qtz/carb vein ca 42°					57165	185.0	186.5	tr
		190.0 - 192 qtz/carb/chlorite vein				X	57166	189.5	190.5	.003
		191.3 - 1cm qtz/carb vein					57167	191.0	192.0	.006
		193.4 - 193.8 qtz/carb/chlorite vein					57168	195.0	196.7	tr
		197.3 197.5 >2 - 1cm qtz/carb vein ca 57°					57169	196.5	197.0	tr
203.8	204.3	ARGILLITE 203.9 - 2cm qtz/carb/chlorite vein				X				
204.3	205.1	GREYWACKE					57170	203.8	205.6	tr
205.1	205.6	ARGILLITE 205.2 - 3cm qtz/carb/chlorite vein				X				
205.6	210.7	GREYWACKE								
210.7	212.1	ARGILLITE 212.0 - 1.5cm qtz/carb/chlorite vein					57171	210.7	212.1	tr
212.1	212.8	GREYWACKE								
212.8	218.5	ARGILLITE wispy, pyrrhotite seams along bedding locally					57172	212.8	215.5	.002
		-very blocky for 2' around 17'					57173	215.5	217.0	tr
		216.8 qtz/carb/chlorite vein 1cm app. 10°				X	57174	217.0	218.5	.006
		217.5 - 1cm qtz/carb/chlorite vein app. ca 10°								
		218.0 - 5mm qtz/carb/chlorite vein ca 30°								

Company: Wilco Mining | DDH #: WWH-88-6 | Azimuth: | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
218.5		GREYWACKE								
		+local pyrrhotite porphyroblasts								
		218.9 - 221.5 qtz/carb/chlorite vein		X		X	57175	218.5	220.0	tr
		traces of pyrite and pyrrhotite					57176	220.0	221.5	tr
		221.5 - 222.5 qtz/carb/chlorite vien 3-4cm					57177	221.5	223.0	tr
		thick parallel to care axis					57178	223.0	224.5	tr
		222.7 - 2cm qtz/carb/chlorite vein				X	57179	224.5	226.5	tr
		224.0 - 1cm qtz/carb/chlorite vein		X						
		225.5 - 3cm qtz/carb veinlets with pyrrhotite				X				
		226.3 - 1cm qtz/carb vein ca 30°		X		X				
		228.2 - 2cm qtz/carb/chlorite vein		X						
		232.0 - 1cm qtz/carb/chlorite vein								
		235.0 - 3cm qtz/carb/chlorite vein				X	57180	234.5	235.4	tr
		237.5 - 3cm qtz/carb/chlorite vein					57181	237.0	238.5	.014
		pyrrhotite at 237.9								
		240.6 - 1cm qtz/carb vein								
		243.7 - 1cm qtz/carb vein					57182	243.0	245.0	.004
		244.3 - 244.5 qtz/carb/chlorite vein		X		X				
		246.0 - 5mm qtz/carb vein								
		246.8 - 1cm qtz/carb vein								
		247.2 - 1cm qtz/carb/chlorite vein		X						
		247.5								
		247.7 1cm qtz/carb veins					57183	246.5	248.5	tr
		248.0								
		248.3				X				
		249.2 - 1cm qtz/carb vein				X				
		249.5 - 2cm qtz/carb vein				X				

Company: Wilco Mining DDH #: WWH-88-6 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
218.5	260.5	249.5								
		250.0 1cm qtz/carb/chlorite veins		X						
		250.2				X	57184	248.5	250.5	tr
		251.0 3cm qtz/carb/chlorite vein		X			57185	250.5	252.0	tr
		251.5 2cm qtz/carb/chlorite vein		X			57186	252.0	254.0	tr
		251.8 2cm qtz/carb/chlorite vein				X	57187	254.0	257.0	tr
		252.1					57188	257.0	258.5	tr
		252.3								
		252.6								
		253.0 1cm qtz/carb/chlorite veins								
		253.5								
		253.9								
		256.9 1cm qtz/carb vein								
		257.8 1cm qtz/carb vein				X				
		258.8 1cm qtz/carb vein				X	57189	259.5	261.0	.019
		260.0 2cm qtz/carb vein	X							
260.5	261.0	ARGILLITE								
		260.6-260.8 qtz/carb/chlorite vein				X				
261.0	263.2	GREYWACKE								
263.2	265.6	ARGILLITE					57190	263.2	264.7	tr
		263.5 - 3cm qtz/carb/chlorite vein ca 50°	X			X				
		264.6 - 2cm qtz/carb/chlorite vein				X				
265.6	267.8	GREYWACKE								
267.8	269.7	ARGILLITE					57191	267.8	269.7	.012
		268.0 - 2cm qtz/carb/chlorite vein	X			X				
		269.0 - 269.2 qtz/carb/chlorite vein	X			X				

Company: Wilco Mining | DDH #: WWH-88-6 | Azimuth: 000 | Core Size:

Property: Wine Harbour | Start: | Lat: | Overburden:

Logged by: D. Melling | Finish: | Long: | Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Cpp	Po	Sample Number	Depth From	Depth To	Assays
269.7	357.3	GREYWACKE								
		270 - pyrite/pyrrhotite parphyroblasts (1cm)								
		272.2 - 2cm qtz/carb vein		X			57192	271.5	272.5	tr
		274.4 - 1.5cm qtz/carb/chlorite vein					57193	274.0	276.0	tr
		275.6 - 1cm qtz/carb/chlorite vein ca 58°								
		280.0 - 280.3 qtz/carb/chlorite vein				X	57194	279.5	280.5	tr
		292.6-292.8 qtz/carb/chlorite				X	57195	292.2	293.5	tr
		300.5 - 1cm qtz/carb vein ca 48°								
		307.5 - 2cm qtz/carb/chlorite vein				X				
		319.3-319.4 qtz/carb/chlorite vein ca 43°		X						
		325.2-325.4 qtz/carb vein								
357.3	359.0	ARGILLITE								
		358.0-359.0 -4 1cm qtz/carb/chlorite veins		X			59196	357.3	359.0	tr
359.0	374.0	GREYWACKE								
		363.0 - 2.5cm qtz/carb/chlorite vein gently buckled with a ca 10°		X						
374.0	375.0	ARGILLITE								
375.0	403.0	GREYWACKE								
		388 - 1cm qtz/carb vein		X						
		395 - 1cm qtz/carb vein		X		X				
		396.4 - 1cm qtz/carb vein								
403.0	406.5	ARGILLITE with interbedded greywacke								
406.5	421.0	GREYWACKE								
		411.2-411.5 Bull qtz vein								
421.0	435.0	Interbedded greywacke and argillite								
435.0	437.0	GREYWACKE								
437.0	439.1	Interbedded argillite and greywacke								

Company: Wilco Mining DDH #: WWH-88-6 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Cep	Po	Sample Number	Depth From	Depth To	Assays
439.1	443.0	GREYWACKE								
443.0	444.0	ARGILLITE with interbedded greywacke								
444.0	449.5	GREYWACKE								
449.5	450.2	Interbedded greywacke and argillite								
450.2	452.6	GREYWACKE								
452.6	456.0	Interbedded argillite and greywacke								
456.0	457.0	GREYWACKE								
457.0	472.0	ARGILLITE with minor greywacke interbeds								
472.0	474.2	GREYWACKE								
474.2	475.2	Interbedded greywacke and argillite 474.2 - 2cm qtz/carb/chlorite vein ca 47°								
475.2	494.0	GREYWACKE								
494.0	502.8	ARGILLITE with minor interbedded greywacke ca 53° 497 - 1cm qtz/carb vein								
502.8	509.3	GREYWACKE								
509.3	512.5	Interbedded grey wacke and argillite								
512.5	517.0	GREYWACKE								
517.0	517.8	Interbedded argillite and greywacke								
517.8	528.0	GREYWACKE 518.0 pyrite/pyrohotite porphyroblasts								
528.0	529.2	ARGILLITE								
592.2	531.8	GREYWACKE								
531.8	532.6	ARGILLITE 531.8-531.0 qtz/carb/chlorite vein								
532.6	533.6	GREYWACKE								
533.6	534.0	ARGILLITE								

Company: Wilco Mining DDH #: WWH-88-6 Azimuth: Core Size:

Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
534.0	558.3	GREYWACKE								
558.3	559.8	ARGILLITE								
559.8	561.2	GREYWACKE								
561.2	562.2	ARGILLITE								
562.2	566.9	GREYWACKE								
566.9	569.2	ARGILLITE								
569.2	575.0	GREYWACKE								
575.0	576.8	ARGILLITE								
		575.2 575.9 > 1cm qtz/carb/chlorite veins		X			57197	575.0	576.2	tr
576.8	587.0	GREYWACKE								

Company: Wilco Mining DDH #: WWH-88-7 Azimuth: 000° Core Size: NQ

Property: Wine Harbour Start: Oct. 12/88 Lat: Overburden: 16'

Logged by: D. Melling Finish: Oct. 13/88 Long: Total Depth: 326'

Drilling Contractor: Logan Drilling Ltd.

AR 89-157

Acid Test	
174'	75°
324	75°

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
16.0	18.7	Greywacke								
18.7	22.4	Argillite								
22.4	39.0	Greywacke								
		22.8 1 cm qtz/carb vein								
39.0	39.8	Argillite								
		39.2 1 cm qtz/carb vein								
39.8	51.6	Greywacke								
51.6	53.6	Argillite								
53.6	56.4	Greywacke								
56.4	57.0	Argillite								
57.0	74.7	Greywacke								
		71.0 - 74.7 extremely borken core								
		possible fault zone								
74.7	81.5	Argillite								
		74.7 - 76.0 extremely broken core								
		possible fault zone								
		760.0 - 79.5 Greywacke								
81.5	94.7	Greywacke								
94.7	95.7	Argillite					57200	94.7	95.7	.005
		94.1 - 94.5 Qtz/carb/chlorite vein	X		X					
95.7	128.0	Greywacke CA 15°								
128.0	141.6	Argillite								
141.6	179.5	Greywacke								
		159.5 - 160.2 qtz/sandstone								
179.5	187.0	Interbedded greywacke and argillite								
187.0	195.0	Argillite								
195.0	230.5	Greywacke								
230.5	233.7	Argillite								
233.7	241.0	Greywacke								
241.0	243.2	Argillite								
		241.8 1cm qtz/carb/chl vein CA 27°								
243.2	248.0	Greywacke								
248.0	248.4	Argillite								
		248.0 1 cm qtz/carb/chl vein								

Company: Wilco Mining DDH #: WWH-88-7 Azimuth: Core Size:

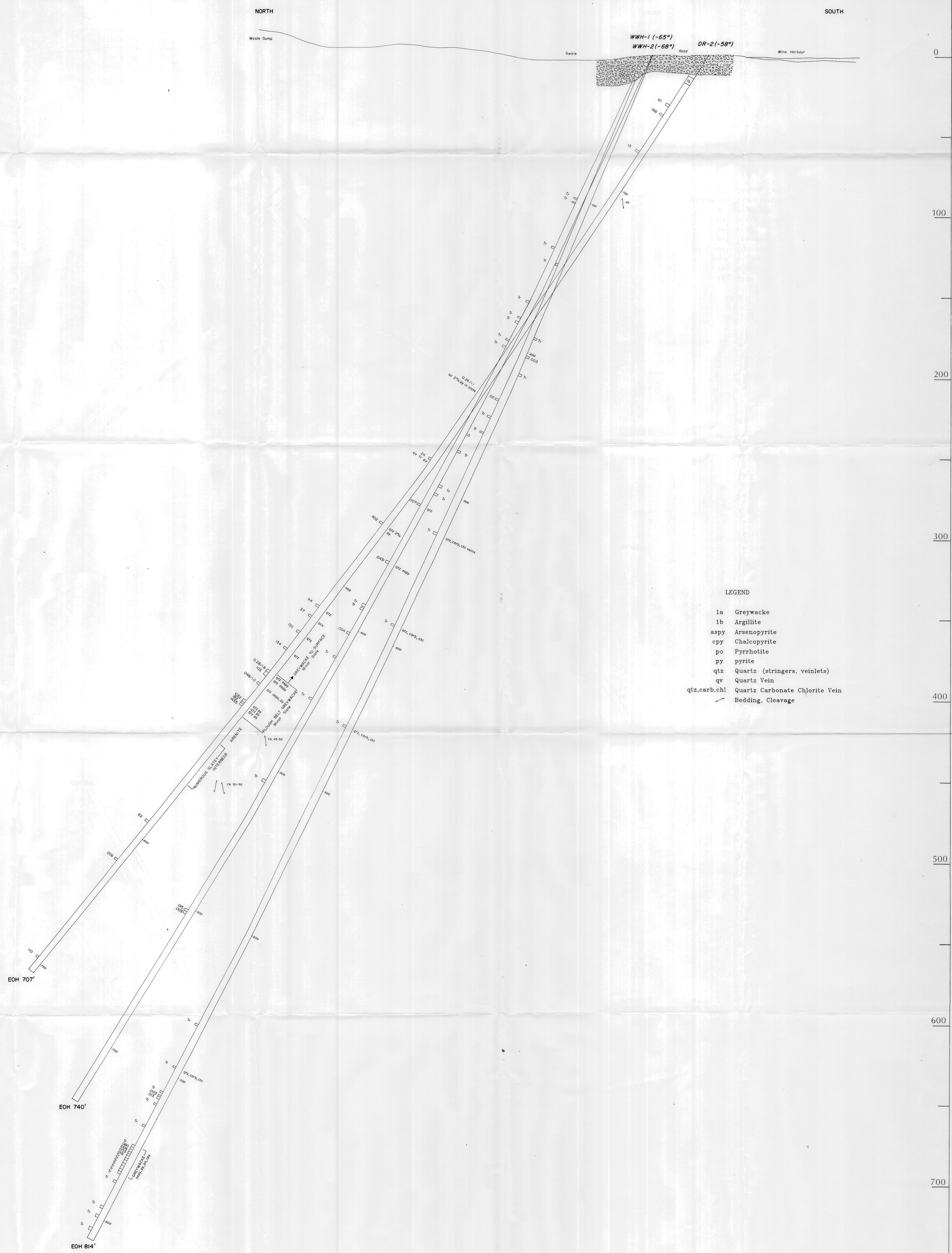
Property: Wine Harbour Start: Lat: Overburden:

Logged by: D. Melling Finish: Long: Total Depth:

Drilling Contractor:

Acid Test

Depth From	Depth To	Description	Asp	Py	Ccp	Po	Sample Number	Depth From	Depth To	Assays
248.4	266.0	Greywacke								
266.0	269.0	Argillite CA 30° Porplyroblasts of pyrohotite								
269.0	270.3	Greywacke								
270.3	271.3	Argillite								
271.3	319.0	Greywacke								
319.0	326.0	Argillite CA 24° 319.8 1 cm qtz/carv vein CA 27° 323.0 1 cm qtz/carb vein								
		END OF HOLE - 326.0								



LEGEND

1a	Greywacke
1b	Argillite
aspy	Arsenopyrite
cpy	Chalcopyrite
po	Pyrrhotite
py	pyrite
qtz	Quartz (stringers, veinlets)
qv	Quartz Vein
qtz,carb,chl	Quartz Carbonate Chlorite Vein
	Bedding, Cleavage

AR 89-157

WILCO MINING CO. LTD.

Wine Harbour, Nova Scotia

SECTION AT 000 AZ

DDH'S *DR-2, WWH-1&2

Approximately 280ft east of Weston Shaft

*Durham Resources 1982

0 20 40 60 80 100 FEET

DRAWN BY: D.MELLING, L.E.COLLINS	DATE: MARCH ,1989	MAP NO.:

NORTH

SOUTH

WESTON SHAFT
Projected 280ft East

CALEDONIA SHAFT
10ft East of section

WWH-88-6,4,3,5

Wine Harbour

PLOUGH LEAD
EXTENSION

PLOUGH LEAD
STRUCTURE
Projected East 260'

EOH 587'

EOH 710'

EOH 780'

EOH 922'

0
100
200
300
400
500
600
700

LEGEND

1a	Greywacke
1b	Argillite
aspy	Arsenopyrite
cpy	Chalcopyrite
po	Pyrrhotite
py	pyrite
qtz	Quartz (stringers, veinlets)
qv	Quartz Vein
qtz,carb,chl	Quartz Carbonate Chlorite Vein
	Bedding. Cleavage

AR 89-157

WILCO MINING CO. LTD.

Wine Harbour, Nova Scotia

SECTION AT 000 AZ

CALEDONIA SHAFT SECTION

DDH'S WWH-3,4,5&6

Approximately 155ft east of WWH-1&2

0 20 40 60 80 100 FEET

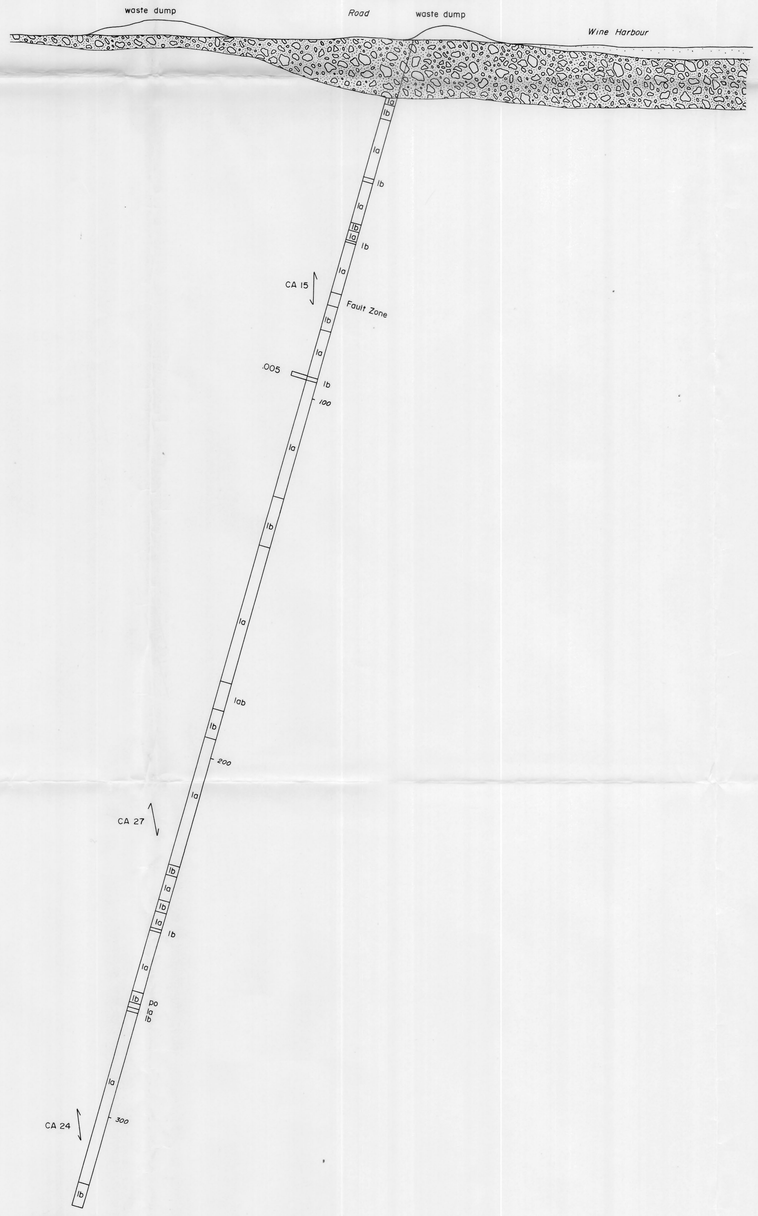
DRAWN BY:	DATE:	MAP NO.:
D.MELLING, L.E.COLLINS	MARCH ,1989	

NORTH

SOUTH

OLD PROVINCIAL MINING CO.

WWH-7(-75°)



LEGEND

1a	Greywacke
1b	Argillite
aspy	Arsenopyrite
cpy	Chalcopyrite
po	Pyrrhotite
py	pyrite
qtz	Quartz (stringers, veinlets)
qv	Quartz Vein
qtz,carb,chl	Quartz Carbonate Chlorite Vein
~	Bedding. Cleavage

AR 89-157

WILCO MINING CO. LTD.

Wine Harbour, Nova Scotia

SECTION AT 000 AZ

Approximately 215ft east of

Caledonia Shaft

(WWH-7)

0 20 40 60 80 100 FEET

DRAWN BY:	DATE:	MAP NO.:
D.MELLING, L.E.COLLINS	MARCH ,1989	