

PROGRESS REPORT

017933

JULY 16 - 31 - 1941.

WAGLEY MINE

1113 E Crosscut

Started at co-ordinate 1170 in the 1112 Sub Drift, and advanced 14 feet South 23 degrees East. The objective is the ore in holes No. 209 and 210. There is three feet of quartz at the face of the crosscut containing a small amount of sulphides and assaying about 0.06 oz. gold per ton.

1114 A Stope

Cars ore drawn 207  
Average assay value .35 oz.

The ore was mined in the footwall section of the vein South of the 1151 Raise. Values are confined to narrow lenses some assaying fairly high, but the amount of low grade material broken reduces the value of the ore. The vein is 4 to 10 feet wide.

1129 Stope

Cars ore drawn 317  
Average assay value .91 oz.

The narrowest part of the vein is 2 feet and the widest 6 feet, and the average about 3.5 feet. The sulphides are unevenly distributed, some sections of the vein containing only a small amount, but the sulphides always carry high gold values.

1154 Raise

Some further slashing was done in search of ore. There is 5 feet of well mineralized vein to the North of the Raise. A sample over 3 feet assayed .17 oz., other samples assayed .07 and .14 oz. A sample containing about fifty percent sulphides assayed .10 oz. The raise will now be turned North of its present course in line with the heaviest mineralization.

1009 A Stope

Cars ore drawn 318  
Average assay value .34 oz.

No ore mined. Mining will be resumed at once at the South end of the stope at 90 feet above the level. The broken ore is now drawn to that elevation.

1010 A Stope

Cars ore drawn 119  
Average assay value .44 oz.

No ore mined.

1011 A Stope

Cars ore drawn 25  
Average assay value .23 oz.

No ore mined.

1011 Stope

Cars ore drawn 109  
Average assay value .26 oz.

A drill is operating at the North end of the stope at the 1090 Raise. Results were disappointing North of the raise where the vein narrowed and values decreased. There is 1.5 to 3 feet of ore South of the raise and the vein is several

feet wide thirty feet South in the hanging wall stopes.

915 E Stope

Cars ore drawn 35  
Average assay value .15 oz.

The stope was advanced South in search of higher grade ore, without success, and work was discontinued in that direction. There is still some commercial ore at the North end of the stope which will be mined.

909 E Stope

Cars ore drawn 215  
Average assay value .39 oz.

There is a shoot of ore 30 feet long and 1 to 2.5 feet wide at 70 feet above the level, which is being mined by underhand stoping. The vein has been mined from 100 feet above the level to the present working face. The ore may continue down for some distance although it does not appear at the level.

935 S Drift

Advanced 82 feet. The shear is 1.5 feet wide and contains considerable dike rock. Several small pieces of quartz were noticed but contained no sulphides. The wall rock is hard with no indication of shearing.

SHIRT MINE

801 N Drift

Advanced 34 feet and broke into the shaft. The shaft timbers exposed are badly decayed. The shaft appears to be full of muck where broken into but it is impossible to make a thorough inspection until some of the old timbers and muck is removed.

900 Shaft Dewatering

The pump is operating in the mine at 70 feet below the 900 level—the water is receding slowly. There must be large stopes at that elevation to account for the volume of water.

503 N Drift

Cars ore drawn 53  
Average assay value .40 oz.

Advanced 46 feet. The vein is 3 feet wide at one point and 2 to 3 feet over the remainder of the distance. The vein filling is one third quartz and two thirds sheared rock. The sulphides occur in both the quartz and rock and carry fairly high gold values. Channel samples over vein width assayed .10 oz. to 1 oz. A five foot sample assayed .32 oz. and one over 3 feet assayed .74 oz.

566 N Stope

Cars ore drawn 214  
Average assay value .68 oz.

This continues to be the best stope in the mine and there is equally as much ore in sight as one month ago.

568 Stop

Cars ore drawn 232  
Average assay value .78 oz.

A small tonnage can still be mined and there is several hundred tons of broken ore in the stop.

465 Stop

Cars ore drawn 85  
Average assay value .14 oz.

No further ore remains.

Ore milled during July

Pagaley Mine 2192 tons  
Surf " 1088 "

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WICKLEY DIAMOND DRILLING

No. 213

Location 1100 level 1101 W. KCF S. Wall  
Collar Co-ordinates N 1633 E 4144  
Length 117'  
Bearing South  
Dip -25°

This hole drilled to test for main shear below 1100 level. 94° - 106° highly sheared and altered -- 113° - 115° dike fragments.

No. 214

Location 1100 level 1101 W. KCF S. Wall  
Collar Co-ordinates N 1633 E 4144  
Length 86'  
Bearing South  
Dip -40°

This hole drilled to test for main shear below 1100 level. 50° - 86° highly altered and sheared. Sludges 61° - 64° 0.04 oz. Au 83° - 86° 0.04 oz. Au

No. 215

Location 1100 level 1104 E KCF E. Face  
Collar Co-ordinates N 1508 E 4320  
Length 135'  
Bearing East  
Dip 0°

This hole drilled to test footwall of main shear. 34.5° - 36.5° basic dike. Balance of hole in coarse granite.



<u>No. 216</u>	Location	1100 level 1102 S Drift E. Wall
	Collar Co-ordinates	N 1050 E 4236
	Length	99'
	Bearing	East
	Dip	0°

This hole drilled to test footwall of main shear. 51° - 60° highly altered and sheared with small quartz stringers and some pyrite.

<u>No. 217</u>	Location	1100 level 1102 S Drift E. Wall
	Collar Co-ordinates	N 1050 E 4236
	Length	77'
	Bearing	560° E
	Dip	0°

This hole drilled to test for southerly extension of shear out in hole No. 216. 72° - 77° highly sheared with small amount of quartz. Sludge 74° - 77° assayed 0.04 ozs. Au.

<u>No. 218</u>	Location	1100 level 1102 S Drift E. Wall
	Collar Co-ordinates	N 1051 E 4236
	Length	65'
	Bearing	N 60° E
	Dip	0°

This hole drilled to test for northerly extension of shear out in hole No. 216. Cut quartz and some pyrite at 58° - 63°.

Core	58° - 63°	=	0.21 ozs. Au
Sludge	58° - 63°	=	0.12 ozs. Au

<u>No. 219</u>	Location	1100 level 1102 S Drift E. Wall
	Collar Co-ordinates	N 1049 E 4234
	Length	46'
	Bearing	East
	Dip	plus 52°

This hole being drilled up the vein to test for any improvement in values.

Core	15.5' - 22.6'	=	3.56 ozs. Au	massive pyrite
"	26 ' - 29 '	=	0.42 ozs. Au	quartz plus pyrite
"	29 ' - 32 '	=	0.54 ozs. Au	" " "

July 16 - 31 -- 510' drilled.

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#### CURT BLISS DRILLING

<u>No. 575</u>	Location	320 level W ACT 1. S. Wall
	Collar Co-ordinates	N 6725 E 5170
	Bearing	S 16° E
	Length	476'
	Dip	plus 15°

