

Wm. V. SMITHERINGALE

MINING & GEOLOGY

C.C. Keyes, President,
Silver City Mines Ltd.,
580 Howe St.,
Vancouver, B.C.

NMEAP
Received
Aug 13/75

P.O. Box 1238,
Comox, B.C., V9N 3Z0.
17th October, 1974.

Dear Sir;

I wish to submit the following report of development on your White River, Y.T. property during the summer of 1974;

Camp was opened on June 5th, 1974 and closed on July 27th. During this period 636.8 feet of adit, on the 2800 level, were driven on contract. Adit work plus support services cost \$91398.66 as set out in detail below.

As anticipated, the downward extension of the well mineralized section exposed in the south end of the 2900 level, and the underground drilling in this area, was intersected at the start of operations. Irregular native copper and chalcocite, grading up to 12.7% Cu. in muck samples (average 4.25%) persisted for roughly 40 feet. Sparse irregular copper mineralization continued for some 60 to 70 feet, when another section of coarse copper plus chalcocite was intersected and followed for roughly 80 feet (see Fig.1). While native copper, and chalcocite, were noticeable in every round of muck, a 35 ft. section, about midway, gave muck samples averaging 3.13% Cu (one sample 18.44%). This latter section of apparent encouraging copper mineralization is to the east of and apparently distinct from the original zone extending from the surface (approx. 3000 ft elev.) down to the 2800 level. To the north it terminates in a fault zone that may correlate to the main fault zone in the 2900 level.

About 35 feet easterly from the hanging wall of the major fault zone (2800 level), - i.e. from the start of this year's work-, a drive was started to the S.E. to explore the possible southerly extension of the mineral zone first exposed in this year's work, (see Fig. 2). Irregular copper-chalcocite mineralization was observed throughout the first 50 ft. with values improving as the major fault was approached. At the fault intersection the working was turned more easterly in an attempt to expose the S.W. extension of the eastern zone in the main adit, but heavy faulting necessitated the abandonment of this working. Further work in this section will require timbering.

Of interest in this latter section of the south working was the intersection of a diamond drill hole along and almost parallel to the south wall of the working. The dip of the hole is -47° to the S.E. It appeared to bottom about a foot to 18 inches from the floor. In reviewing the surface drill hole Nos. 8, 9 & 10, none of these can be directly correlated. No. 8, drilled at -40° would cross the working some 20 feet to the S.E. of the exposed drill hole at an angle of roughly 50° to the working. Theoretically it bottomed at the 2800 level. The last 100 feet of No. 8 indicates continuous shearing suggesting it probably ended in the major fault zone of the 2800 level. To correlate the exposed drill hole with No. 8 the latter would have to have gone through a marked left-handed corkscrew.

About 20 feet easterly from the hanging wall of the major fault, a drive was started to the N.W. (see Fig. 3) to indicate the northerly extension of the mineralization in the main adit and also to evaluate the I.P. anomalies on sections 102 and 103 of Seigels survey along the A1 axis. For the first 20 to 25 feet the rock appears to be sheared, fractured and

091323

chloritized grey porphyry with irregular copper scattered throughout in relatively small amounts. In the area of sections 102 and 103 the working did not expose mineralization of any consequence, although some short sections of the working showed sparse native copper. For detail see Fig.3.

In summary, while the main adit and the initial part of the south working exposed coarse native copper and chalcocite mineralization, the extent of the zones appear to be limited by faults, the movements on which are not known.

Any further work in the present 2800 level would have to be preceded by drilling in an effort to locate the displaced sections of the presently exposed mineralization. Critical analysis would have to be made before such work was undertaken.

Assay Results:

This year, in an effort to check muck sampling, an effort was made to collect the cuttings from all drill holes of each round on the assumption these would give, on average, a better and probably a more uniform indication of values as compared to the hand grabbing of some 150 lbs. of the finer muck from each round.

In practice it was difficult to collect all cuttings. The drill cutting samples, as taken, consisted of some 10 to 15 lbs. off the top of the cuttings at the toe of the face and as such would represent the cuttings from the last few holes drilled. Considering the irregular bumpy character of the native copper and chalcocite, in contrast to a more or less uniformly distributed mineralization, the drill cuttings as taken are considered to be a very poor indication of possible values. The muck samples, unsatisfactory as they are, represent pretty well mixed up material from each round.

Future Work:

If future work is considered on this property it is suggested consideration should be given to investigate the chalcocite mineralization exposed in surface drill hole No.12 and underground drill hole No.15. This mineralization, as exposed in the drill holes, appears to be of a more uniformly distributed type in contrast to the very bumpy irregular type as presently exposed in the 2800 level.

With this possibility in mind, some 400 odd feet of rough road grade was made from the present 2800 portal, north to the proximity of another adit site for a north development adit.

For any future work it is strongly recommended an effort should be made to interest a larger company to advance the development money.

Costs:

Operating costs at the property were;

1. <u>Opening Camp;</u>		
Air fares	\$1408.00	
Truck rental	386.68	
Helicopter	2042.48	
Meals	29.35	
Wages	<u>1008.00</u>	\$4874.51

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2. Closing Camp;

Air fares	\$1232.00	
Helicopter	806.00	
Fixed wing	979.00	
Truck rental	195.45	
Wages	<u>1803.99</u>	\$ 5016.44

3a. Adit preparations;

Wages	\$2256.00	
Timber 5955BF @ \$250.00	<u>1483.75</u>	\$ 3744.75

3b. Adit advance;

Contract footage @ \$20.00		
wages/ft 636.8 ft	<u>\$12736.00</u>	\$12736.00
Explosives (old)		
Powder 93 cs @ \$24.52	2280.36	
Fuse 1130 @ 0.42	474.60	
Thermolite 133pkg @ 1.31	174.23	
Explosives (new)		
Powder 93½ cs @ \$41.05	3827.91	
Fuse 2482	<u>1549.96</u>	8307.06
Diesel fuel 4900 gals @ 0.904	<u>4429.60</u>	4429.60
Miscel parts, supplies etc.	8065.20	
Air support		
Helicopter \$2108.48		
Fixed wing <u>469.00</u>	2577.48	
Wages mechanic, night man		
and general	3792.66	
Workmen's Compensation	<u>533.35</u>	<u>14968.69</u> \$40441.35

4. Servicing & Bombardiers;

Freight on Bombardier	\$ 421.00	
Truck insurance	143.00	
Parts Misc. frt etc	568.75	
Gasoline 221 gals @ \$1.02	225.42	
Wages, repairs servicing	<u>1920.08</u>	\$ 3278.85

5. Road work;

Maintenance old road wages	\$1182.00	
New road new adit site "	<u>1672.67</u>	\$ 2854.67

6. Camp;

Cookhouse		
Cook's wages	\$2000.00	
Food	3462.87	
Helicopter	350.00	
Fixed wing	1869.40	
Propane	<u>213.20</u>	7895.47
Maintenance		
Wages	\$ 240.00	
Parts for lighting plant	309.69	
Parts for chain saw	54.73	
General	202.42	
Heating Oil 867 gals. @ 0.904	<u>783.77</u>	<u>1590.61</u> \$ 9486.08
Man days 479		

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7. <u>Assaying & Sampling;</u>		
Assaying charges	\$595.50	
Freight on samples	123.25	
Air freight Beaver	591.60	
Crusher belts	11.63	
Wages	<u>900.00</u>	\$ 2224.03
8. <u>Communications;</u> \$ 1307.69		
9. <u>Contingencies;</u>		
General expenses	\$ 861.43	
Tractor freight	<u>2542.25</u>	\$ 3403.68
10. Head Office \$ 9766.41		
11. Consulting and Engineering \$ 5000.00		
Total expenditures		<u>\$91393.66</u>

The above expenditures are based on invoices and information available to me. There will likely be minor differences in final audited accounts due to items such as holiday pay, workmen's compensation added, adjustments in final wages etc. You will note I have distributed the cost of air support to the various categories of work, and also that I have shown Caron's freighting as a separate item (9 contingencies) as well as the cost of lumber at invoice price. The cost of "new explosives" includes the helicopter freighting. The items taken out of last year's inventory, - old explosives, diesel fuel, heating oil, gasoline-, are costed as of my estimate of landed cost in 1973.

In transferring the above breakdown of expenditures to coincide with our estimates made in the application for Northern Mineral Exploration assistance I have eliminated air support costs in my items 1,2,3b,6,7 and shown air support under government estimates item 9. Caron's freighting is shown under government estimate item 2b. Our expenditure figure for Underground Exploration-, government item 3f, is the sum of my distribution items 1,2,3,3b,4,5 less air support costs and helicopter freight of "new explosives".

Respectfully submitted,

W. V. Smitheringale
 Wm. V. Smitheringale



APPENDIX I

Estimated Cost of Materials at Mine

Diesel fuel;

At compressor	470 gals		
Main storage	6870 "		
4'x7' tank storage area	250 "		
Camp 6'x17 3/4' tank	<u>829 "</u>	8419 Gals @ 0.904	\$7610.78

Gasoline;

4'x7' tank storage area	250 gals		
Camp 4.2'x12.3' tank	<u>279 "</u>	529 gals @ 1.02	\$539.58

Explosives;

Powder 2 3/4 cs. @ 41.05		\$112.89	
Fuse 318 10ft with #6 caps @ 0.65		206.83	
Thermlite 121 rolls (331/3') @ 1.31	<u>158.51</u>		\$478.23

Lumber;

8x8x16	15 pieces	1280 BF	
8x8x14 1/2	1 "	77	
8x8x7.5	1 "	<u>40</u>	1397 BF
6x8x16	11 "	704 BF	
6x8x14	1 "	<u>56</u>	760
3x6x16	204 "	4896 BF	
2x6x14	16 "	<u>224</u>	<u>5120</u> 7277 BF @ 423.76 \$3083.70

Iron Pipe;

76 pipe 4"x21"	1596 ft @ \$5.17	<u>\$8251.32</u>
		\$19963.61

At Portal;

In scootcrete; Serial 3287602/03

2	50'x $\frac{1}{2}$ " water hose & headers	2	303A Holman drills
2	10'x1" lub.hose & headers	2	Jack legs, one badly worn leg shell
1	Extension leg	1	Punch lock tool
2	Pipe wrenches 14" & 18"	1	Bit knocker
1	2" starter steel	2	air headers 4" to 2"
4	4" steel	1	3# sledge hammer
7	6" steel	2	50'x1" air hose 1 red; 1 yellow
2	leg ladders 5'	1	1" black rubber hose
25#	No.9 wire	75'	2" red ball hose
2	short handles axes	1	Scootcrete tire hub & rim
1	hack saw	1	10' chain & hook

all covered

On dump;

1	mucker 630 Emco	1	6' jack bar
1	arc welder BUC Mod WNP 200; 990859;	4	gals. tanner gas (methal hydrate)
1	24" air vent fan, Kofman 32038	1	re 5 gal gerry can
1	2" diam square T for vent pipe	11	pieces 6x8x16" lumber
2	8' loading sticks plastic	1	" 6x8x14" "
2	6' " " "	1	" 8x8x16" "
1	blow pipe	2	" 3x6x16" "
2	20"x4" iron pipe - 1 bent & cracked;	1	10"x4" aluminium pipe
1	part bottle (small) acetylene 670169/6272		
1	" " " oxygen 3A2015		
1	sample crusher Nelmaco 3 H.P. B7C model		3287602/03

At Rivers;

1 Pump John Bean Division Lansing, Mich,
Model A818-55; Serial 147724 mounted
on Longyear frame serial D.C.3603

Compressor Tent;

20	grease cartridges	1	8lb hammer
3	boxes miscel. pipe fittings	2	pr welding gloves
1	cable for mucker	1	pr " goggles
1	inner tube; back wheel scootcrete	1	hack saw
7	regular track cleats for Bombardier	1	crescent wrench 12"
1	set (4) liners for pump cylinders	1	bench vice 5"
8	packings for pump	1	stone dresser
20	$\frac{1}{2}$ "x $\frac{1}{2}$ " N.F bolts & nuts	1	air grinder serial 410274
3	lbs. brazing rods	1	red 1" air hose approx 50ft
40	lbs welding rods	10	gals compressor oil
1	pulley for scootcrete	2 $\frac{1}{2}$	ft radiator hose 3" diam.
1	heavy duty car jack (jackall)	1	chain with 2 hooks 5/8"x10 ft
3	chain cinches	6	pieces 3x6x16" lumber
2	snatch blocks 4" & 6"		
1	750x10 heavy duty tire rear wheel of scootcrete		
1	Briggs & Stratton engine 7 H.P. serial D 157648		
425	gals diesel in day tank + 45 gals in running tanks		
1	G.M diesel compressor serial 900LR13082		
	Engine 6-110 series Model 62306RB		

Scootcrete on road above compressor serial 2073914/15

INVENTORY

At Main Storage Area:

197 pieces 3x6x16' Lumber
 14 " 8x8x16' "
 1 " 8x8x14 $\frac{1}{2}$ ' "
 1 " 8x8x7 $\frac{1}{2}$ ' "
 16 " 2x6x14' "
 2 3/4 cs Powder
 318 10' fuses
 74 4"x21' iron pipe victaulic coupling
 6870 gals. diesel oil main tank
 250 " " " 4'x7' tank marked gas with valve & hose
 250 " gasoline 4'x7' tank " gas

At Camp:BOX 1

Hose menders; 3 only 1"x4 $\frac{1}{2}$ "; 2 only 3/4"x3 3/4"; 6 only 1/2"x3"
 metal for rubber
 11 only 3/4"x3 $\frac{1}{2}$ " for plastic hose
 8 only 4" fast lock clamps
 12 " 1"-1 $\frac{1}{2}$ " fast lock clamps
 3 " #28 Triden screw clamps approx 2"
 2 " #24 " " " " 2"
 6 " 1" " " " "
 1 " 4" " " " "
 31 insert drill bits
 15 lbs 5/32 hard surfacing electrodes
 15 lbs 5/32 709 low hydrogen welding rods
 11 only Ni rods for cast iron welding
 4 only 1" plug valves threaded
 2 $\frac{1}{2}$ carborundum wheels bit sharpener
 1 only general carborundum wheel
 2 complete 1/2"x1" water or air hose connectors; 4 only 1" nuts for same

BOX 2:

3 hack saw blades hispeed 18 tooth
 1 reel soft wire
 2 reels self fluxing solder (1 full reel + 1/2 reel)
 1 box flux paste
 2 14 oz. propane cylinders
 2 face masks
 1 Propane fitting (male) + 1 with 2 male fittings
 1 door knob fitting
 3 pkgs (5 sheets each) garmet paper (coarse; medium; fine)
 1 flaring tool kit & copper pipe cutter
 2 rolls friction tape
 1 roll plastic tape
 1 7/32" chain saw file
 1 replacement cutter set for stone dresser

INVENTORY

BOX 5;

Bombardier parts;

- 1 track guide
- 1 link spring with 4 large & 4 small bushings
- 1 bolt link
- 3 bearing cups
- 6 seal bushings
- 24 track bolts for high lugs 3/8"
- 30 nuts 3/8" for track bolts
- 1 housing & spring, heavy duty tension unit
- 4 high track lugs
- 3 12 volt permaseal beam lights
- 2 wheel seals
- 1 cone bearing
- 1 mud excluder (rubber)
- 2 washer spindles

BOX 4;

Victaulic parts;

- 6 only 4" rubbers
- 4 " 2" "
- 32 " 1/2"x1/2" bolts & nuts carriage type substitute for regular
- 12 " 1/2"x1 1/2" bolts

BOX 3;

Generator parts;

- 4 brush clamps
- 4 brushes
- 8 brushes with wires
- 4 only "O" rings
- 6 " seals) for push rods
- 4 " 40 amp clip on fuses
- 5 " 60 " " " "
- 4 valve adjusting screws
- 1 exhaust flange

Parts for Holman 303A rock drill;

- | | | |
|--------------------------|----------------------------------|------------------------|
| 6 rifle bars | 12 connectors lubrication | 3212E00170 |
| 6 rifle bar nuts | 2 friction washers | 3203E00310 |
| 6 chucks | 2 rings | 3201A00210 |
| 10 water needles | 1 spring retainer | 3059CC2870 |
| 3 water needles too long | 7 washers | 3059CC2890 |
| 1 side rod long | 0 connectors blowing port | 3202E00160 |
| 1 side rod short | 1 dowel 3/16"x3/4" | 9020/0170 |
| 4 side rod nuts | 4 pawls | 3065E00560 |
| 4 NF hexagonal nut | 4 pawl springs | 3059E00220 |
| 1 handle | 15 pawl plungers | 3059E00230 |
| "O" rings | 12 water tube seals | 1102BC6950 |
| 9 R150/01212 | 2 water tube washers | 1002B06950 |
| 6 R150/01214 | 5 springs | 4068B00060 |
| 4 R150/01112 | 2 valve spills | 3065B05340 |
| 9 R150/01010 | 1 washer water tube plug | 3020B00370 |
| 2 R150/01213 | 2 dowels | 9020/10767 |
| 1 9150/ 1010 | 2 packing piston jack leg | 3076B00581 2 1/2" diam |
| 13 9150/01008 3/16" diam | 5 packing piston " " 2 1/4" diam | |
| 2 9150/ 1012 | | |
| 1 R150/01216 | | |

INVENTORY

At Camp cont.

1	water pipe heating tape	1	100ft metallic tape in 1/10ths
1	Torque wrench	1	4 ft metal level
6	cards assorted "O" rings	1	1 1/8" clevis
22	miners lamp bulbs	1	grab hook
1	electric welding stinger	8	12 volt light bulbs
1	80 amp clip fuse	2	24 " " "
1	honning stone 1/2x2"	10	copper tubing 3/16"
13	100 watt lamps	1	pr snow shoes
2	First aid kits	12	lumber crayons 11 yellow, 1 black
1	Gasket assembly Gyroflo DR 900 compressor		
1	Oil pan gasketset Bombardier motor		
	Exhaust manifold gaskets 600 compressor engine		
1	Kit assorted water line gaskets		
1	Starter solenoid Gyroflo diesel		
2	Rotary seal kits unit unknown		
2	Battery terminal clamps , 1 pos; 1 neg.		
2	Carburators Briggs & Stratton		
5	20 amp fuse for battery chargers (miners)		
3	15 " " " " " "		
10	Flagging tape rolls; 5 yellow; 3 1/2 red; 4 blue;		
1	Radar light + 2 spare 6 volt batteries		
8	Drafting ink; 3 black; 2 red; 1 blue; 1 brown; 1 green		
41	copper tubing 3/8"; 1 roll 20 ft used tubing; 21 ft new; O.D.		
1	3 ton hydraulic jack		
4	Grease guns Lincoln		
1	Oxygen pressure gauges 10472793 regulator issue 5630		
1	Acetylene pressure gauge regulator 11462942 issue 4860 Liquid Air		
1	Cutting torch 52130176 issue 2460	}	plus tips & spare welding tip
1	Welding torch 3213737 issue 2470		
4	lbs braising rod 1/8"x36"		
1	1ton L-70 Jet chain block 729794		
1	Homalite chain saw Super-Mini Type 10167 Serial 30161376		
1	Wrench for Homalite saw		
1	Rifle 303 V14360; 1942; 4MK1		
1	Welders helmet		

In Power House;

1	Motor VM 12/11692 H.P.10	2	cylinder diesel
1	Motor VM 19/2546 H.P.20	4	cylinder diesel
32	FA 4469 Flaamoil filters for 20 H.P. unit		
30	FA 4043/2 Flaamfuel filters for 20 H.P. unit		
4	FA 4467 Flaam oil filters for 10 H.P. unit		
5	Purclator PM454 fuel filters for scootcrete		
1	" PM368 oil filter		
3	Fraam C844 oil filters for scootcrete engine		
3	L525 oil filters for compressor		
3	L932A " " " "		
1	Briggs & Stratton 7 H.P. motor A518226		
1	" " 3 H.P. " A866677		
	Gaskets for Briggs & Stratton motor		
1	DIAMOND gas jack hammer Type DA 23; Engine No. 70928		
1	McCullock 450 power saw (cooling fin or fly wheel needed)		
1	Carter battery charger Model 1250		
1	Gear puller, 3 prong 12" No1013-A Owatonna Tool Co.		

INVENTORY

Power House; contin.;

- 1 electric drill $\frac{1}{2}$ " 110 volt, 5 amp, Sioux RPM 525 no load; Model 161
Serial 5027, Catal. No 1510; drills $\frac{1}{4}$ ", $3/8$ ", $1/2$ "
- 1 Chrysler fuel pump 2279907
1 " condenser 1716074

John Deere parts;

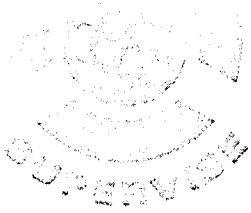
- | | |
|--|--|
| JD 8511 bearing 30416 | MF 13063 seal 30306 |
| R 33114 retainer 30316 | R 33247 snap ring 21206 |
| MF 29365 Seal 30221 | R 30063 packing 20830 one piece |
| F 33298 Lever 00925 | R 46213 flange |
| F 33299 arm 01215 | F 14094 gasket 20912 |
| R 46213 seal 30303 | 5 only exhaust shims |
| F 12739 plate lock 21101 | 1 " solenoid JD starter |
| R 31289 snap ring 30211 | 1 " JD grease gun |
| 1 set $\frac{1}{2}$ " socket set $3/8$ " to 1"; | 1 Johnson bar ratchet; 1 short extension |
| | 1 spark plug socket |
| 2 V belts B49 for Bombardier | |
| 5 V belts 224M | |
| 3 sets (3 belts per set) B51 for scootereete | |
| 160' 600 volt type S 14/3 extension cable with female end only | |
| 200' approx 600 Volt type S 14/3 extension cable on reel | |
| 1 Box approx 10' nautic gasket material 18" wide #1037 | |
| 1 " " 10' " " " " 18" " #1033 | |
| 10 Gals Polar 41 compressor turbine oil | |
| 90 qtz transmission oil | 1 carburator kit |
| 4 qtz SAE 10W | 6 cans starter fluid |
| 1 qt SAE 30W | 6' $1\frac{1}{2}$ " exhaust flexi hose |
| 1 gal SAE 20/20 | 7 sheets ermeny paper medium |
| 1 gal SAE 90 lub oil | 10 sheets sand paper fine |
| 1 gal kerosene | 2 tire irons |
| 3 gals antifreeze | 1 box assorted cotter pins |
| 5 gals U.S. H ₂ SO ₄ battery acid | Welding rods 7-18 $3/32$ " 5 lbs |
| 1 battery tester | $5/32$ " 20 lbs |
| 1 antifreeze tester | $1/8$ " 20 lbs |
| 2 set jump cables | Axe handles 1 - 28"; 1 - 36" |
| 1 air hand pump | 1 Tiger propane torch |
| 1 roll 15" fiber glass insulation | 1 18" pipe wrench |
| 1 squirt can oiler | 2 tins solder paste |
| 15 approx assorted brass fittings | 5 $3/4$ " dart pipe unions |
| 4 1" Grinnel pipe unions | 5 3" pipe plugs |
| 1 $1\frac{1}{2}$ " brass gate valve | 1 2" brass gate valve |
| 1 7 ft scaling bar | 32 $\frac{1}{2}$ "x $1\frac{1}{2}$ " NF threaded bolts |
| 45 $\frac{1}{2}$ " NF nuts | 1 2" pipe cap |
| 2 toilet ball cocks | 1 super 6 fire extinguisher Model 21OR |
| 2 pr snow shoes | |

Nails;

- | | |
|---------------------------------------|------------------------------------|
| 1" finishing 5 lbs | 1" common 40 lbs |
| 1 $3/4$ " " 4 " | $2\frac{1}{2}$ " " 20 " |
| 2" " 6 " | 2" " 2 " |
| $2\frac{1}{2}$ " " 3 " | 3" " 4 " |
| $3\frac{1}{2}$ " " $2\frac{1}{2}$ " | 1" screw type hexagonal head 7 lbs |
| $1\frac{1}{2}$ " ply board type 3 lbs | 1" " " round " 3 " |
| 1 $3/4$ " ply board type 3 lbs | |

Diesel oil 6'x11.8' tank 829 gals

Gasoline 4'x12' tank 279 gals



TO:
 SILVER CITY MINES LTD.
 300 Howe Street
 Vancouver, B.C.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1Y2
 PHONE (604) 254-1947 TELEX 04-607514 CABLE SUPERVISE

CERTIFICATE OF ANALYSIS

No.: 7406-2454 DATE: June 25th/74

We hereby certify that the following are the results of assays on: **ORE**

MARKED	SAMPLE IDENTIFICATION		METALLIC	PULP	TOTAL	METALLIC	PULP	TOTAL
	QZ/ST/AG/GR	QZ/ST/AG/GR	SILVER	SILVER	SILVER	COPPER	COPPER	COPPER
			AG/OZ/TON	AG/OZ/TON METALLIC PULP		(%)	(%)	(%) (METALLIC + PULP)
1 - R			1.07	Trace	1.07	11.10	0.95	12.05
2 - R			1.13	0.07	1.25	10.94	0.60	11.54
3 - R			0.89	0.10	0.99	9.20	0.74	9.94
4 - R			2.99	0.13	3.12	26.81	2.19	29.00
5 - R			---	Trace	Trace	---	0.09	0.09
6-7			---	Trace	Trace	---	0.16	0.16

GRAB SAMPLES TAKEN BY KEYES FIRST 25 FEET (25) new adit 1974 1R-5R
 6-7 30 to 35 ft

LV/pml

REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

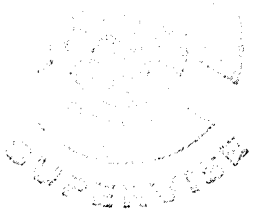
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PROVINCIAL ASSAYER

COPY

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists' Society • Canadian Testing Association



TO:
WILSON CRY MINES LTD.
 580 Howe Street
 Vancouver 2, B.C.

CERTIFICATE OF ANALYSIS

No: 4507-0226 DATE: July 1974

We hereby certify that the following are the results of assays on: **ORE**

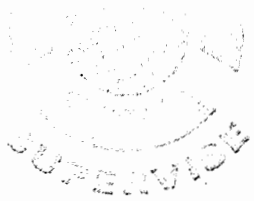
MARKED	OZ/ST		COPPER (%)	PULP ASSAY (%)	TOTAL COPPER (%)
	GR/MT	GR/MT			
51			0.16	0.13	0.29
53				0.05	0.05
57				0.06	0.06
58				0.08	0.08
59				0.07	0.07
60				0.12	0.12
61				0.06	0.06
62				0.05	0.05
63				0.10	0.10
64				0.05	0.05
65				0.07	0.07
66				0.05	0.05
67			0.07	0.20	0.27
68			0.24	0.52	0.76
69			10.02	0.59	10.61
70				0.38	0.38
71				1.33	1.33
72			0.12	0.37	0.49
73			0.12	0.42	0.54
74			0.07	0.30	0.37
75			0.11	0.12	0.23
76			0.07	0.20	0.27
77			0.09	0.19	0.28
78				0.26	0.26
79				0.26	0.26
80				0.06	0.06
81				0.07	0.07
82				0.02	0.02
83				0.04	0.04
84				0.03	0.03
85				0.05	0.05
86				0.07	0.07
87				0.33	0.33
88				0.03	0.03
89				0.15	0.15

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS. PUBLICATION OF STATEMENTS, CONCLUSION OR EXTRACTS FROM OR REGARDING OUR REPORTS IS NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED.

[Signature]
 L. WONG PROVINCIAL ASSAYER

COPY



TO:
SHAWEN OILY PRODUCTS LTD.,
 580 Howe Street,
 Vancouver, B.C.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6C 1R6
 PHONE (604) 254-1047 TELEX 04-007514 CABLE SUPERVISE

QUANTITY OF SAMPLE

No.: **7407-1081** DATE: **July 23/74**

We hereby certify that the following are the results of assays on: **One Sample**

MARKED	GOLD		SILVER		METALLICS		PULP		TOTAL
	OZ/ST GR/MT	OZ/ST GR/MT	COPPER	ANTHRACITE	ASSAY	ANTHRACITE	COPPER		
			(Cu)%		(Cu)%		(Cu)%		
Balance of our Certificate dated July 23/74									
0254 ✓								0.04	
0255 ✓								0.11	
0256 ✓								0.03	
0257 ✓								0.02	
0262 ✓								0.04	
0263 ✓								0.04	

LW/sk

REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

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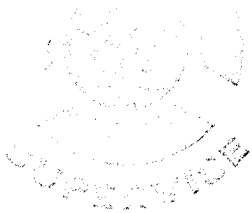
L. Wong

PROVINCIAL ASSAYER

COPY

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists' Society • Canadian Testing Association
 ASSOCIATED OR OFFICIAL CHEMISTS FOR: Vancouver Merchants Exchange • National Institute Of Oiled Products • The American Oil Chemists' Society



TO:
 METRO-CANAL LIMITED
 500 Park St.
 Vancouver, B.C.

CERTIFICATE OF ANALYSIS

No.: 720 1973 DATE: Dec 1 1973

We hereby certify that the following are the results of assays on:

MARKED	SULPHUR DIOXIDE		COPPER (%)				
	OZ/ST GR/MT	OZ/ST GR/MT					
Pulp No. 22514							
201			0.02				
202			0.02				
209			0.02				
210			0.01				
211			0.02				
220			0.03				
221			0.01				
222			0.02				
223			0.02				
226			0.02				
227			0.02				
228			0.02				
229			0.02				
230			0.02				
231			0.02				
232			0.02				
233			0.02				
234			0.02				
235			0.02				
236			0.02				
237			0.02				
238			0.02				
239			0.02				
240			0.02				
241			0.02				
242			0.02				
243			0.02				
244			0.02				
245			0.02				
246			0.02				
247			0.02				
248			0.02				
249			0.02				
250			0.02				
251			0.02				
252			0.02				
253			0.02				
254			0.02				
255			0.02				
256			0.02				
257			0.02				
258			0.02				
259			0.02				
260			0.02				
261			0.02				
262			0.02				
263			0.02				
264			0.02				
265			0.02				
266			0.02				
267			0.02				
268			0.02				
269			0.02				
270			0.02				
271			0.02				
272			0.02				
273			0.02				
274			0.02				
275			0.02				
276			0.02				
277			0.02				
278			0.02				
279			0.02				
280			0.02				
281			0.02				
282			0.02				
283			0.02				
284			0.02				
285			0.02				
286			0.02				
287			0.02				
288			0.02				
289			0.02				
290			0.02				
291			0.02				
292			0.02				
293			0.02				
294			0.02				
295			0.02				
296			0.02				
297			0.02				
298			0.02				
299			0.02				
300			0.02				

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

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[Signature]

PROVINCIAL ASSAYER

COPY

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

SILVER CITY MINES LTD.,
 532 Howe Street,
 Vancouver, B.C.

CERTIFICATE OF ASSAY

No: 100/1001 DATE: July 22nd 1977

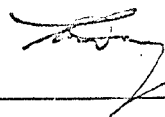
One Sample

We hereby certify that the following are the results of assays on:

MARKED	GOLD		SILVER		COPPER		LEAD	
	OZ/ST GR/MT	OZ/ST GR/MT	OZ/ST GR/MT	OZ/ST GR/MT	OZ/ST GR/MT	OZ/ST GR/MT	OZ/ST GR/MT	OZ/ST GR/MT
0011								0.01
0051								0.58
0013								0.03
015			0.01		0.12			0.13
0157			0.01		0.13			0.13
0175								0.27
0191								0.16
1070								1.53
0195								0.57
0196								0.43
0210								0.46
0270								0.67
0271			0.01		1.03			1.10
1000								0.05
1001								0.03
1002								0.03
1003								0.04
1004								0.04
1005								0.03
1006								0.11
1007								0.06
1008								0.06
1009								0.05
1000								0.05

NOTE: REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS. PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED.

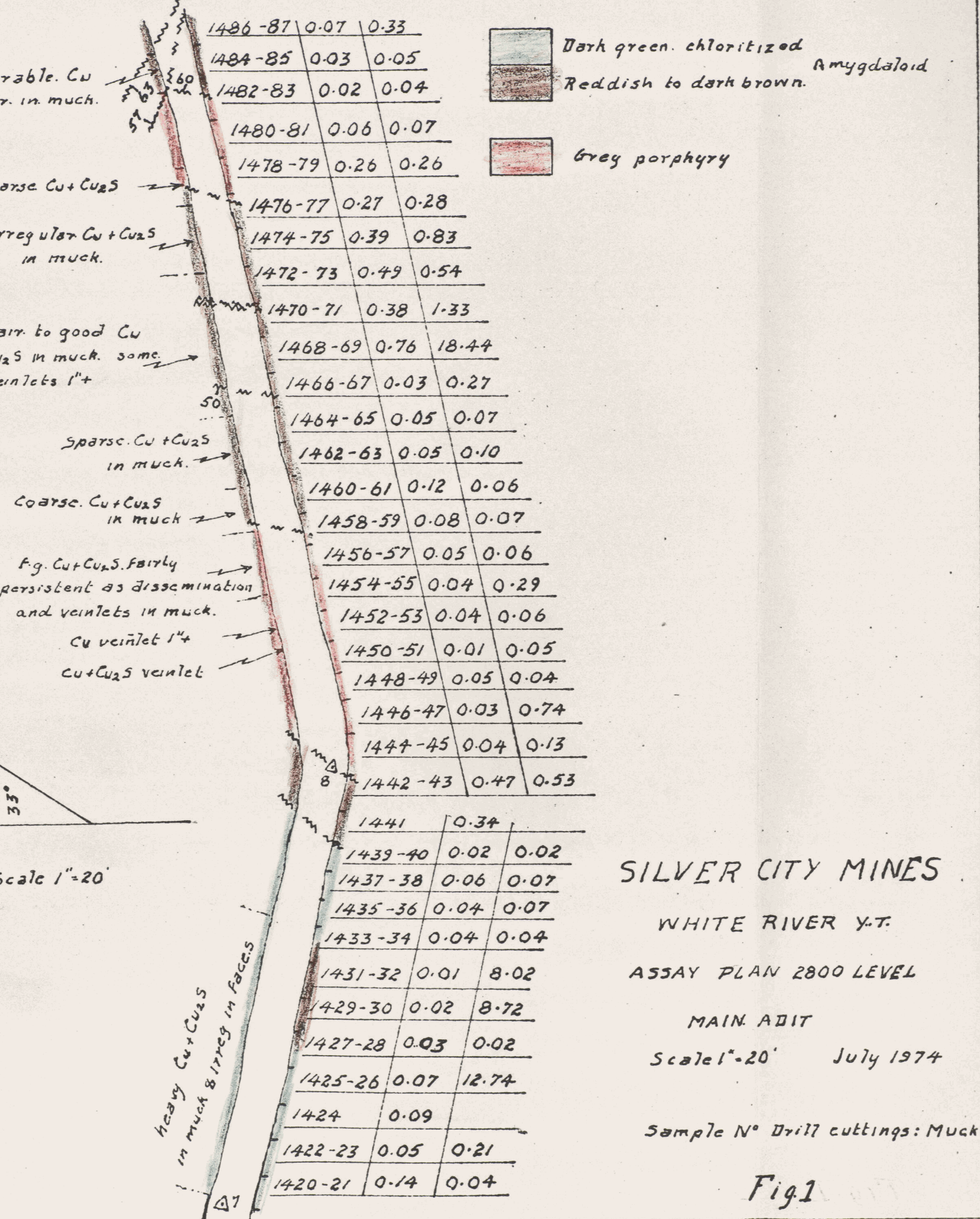


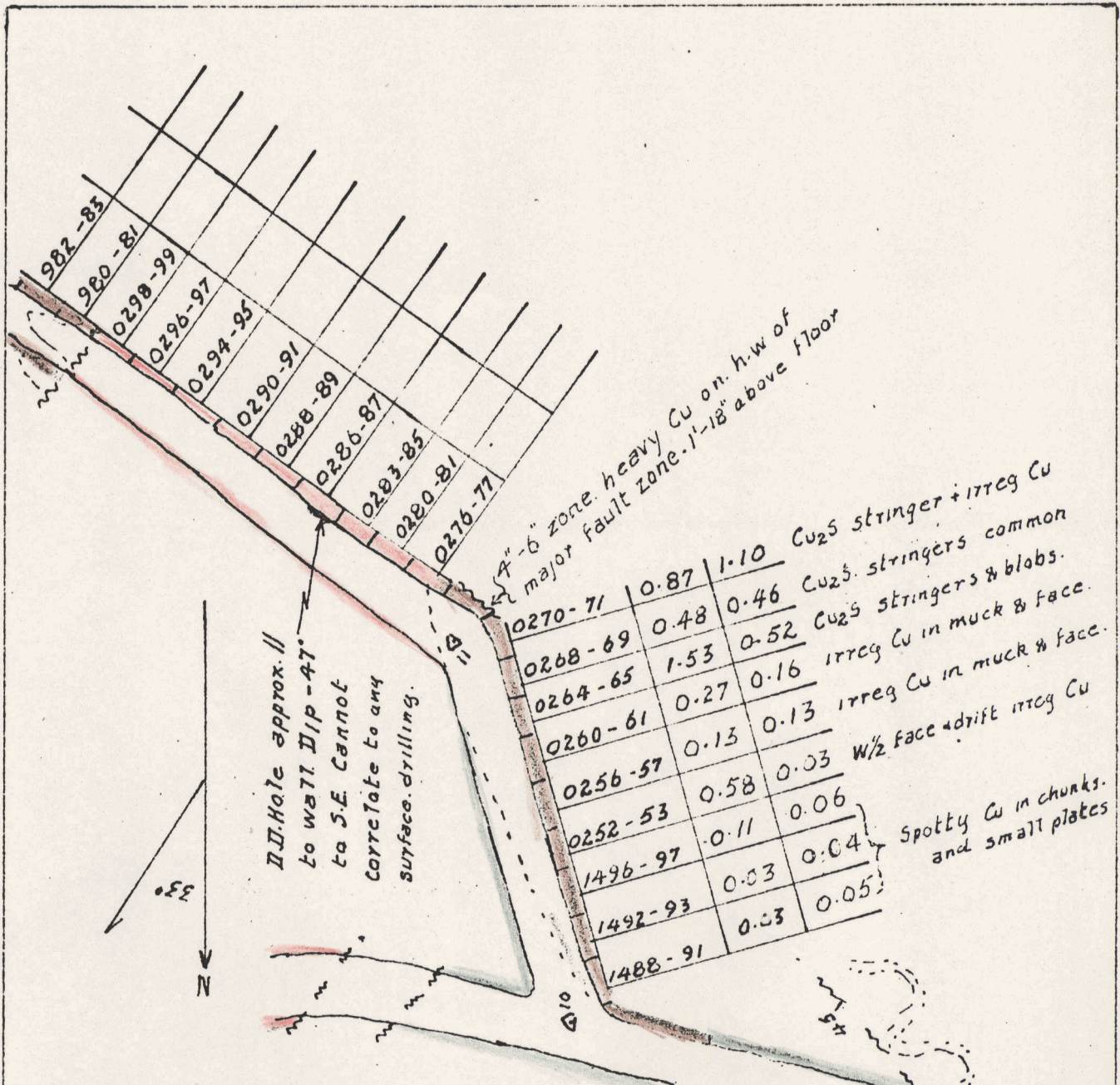
PROVINCIAL ASSAYER

COPY

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists' Society • Canadian Testing Association
 REFEREE AND OR OFFICIAL CHEMISTS FOR: Vancouver Merchants Exchange • National Institute Of Oilseed Products • The American Oil Chemists' Society
 OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade • Vancouver Merchants Exchange





SILVER CITY MINES
WHITE RIVER YT.

ASSAY PLAN 2800 LEVEL
SOUTH DRIVE

Scale 1"=20' JULY 1-74

Sample N^o; Drill cuttings; Muck

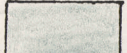


-  Dark green to black
-  Reddish to dark brown. Amygdaloid
-  F.g. jointed porphyry; ferro-mag. xalls & feldspars; may be intrusive

Fig. 2

APPENDIX "A" TO THE APPLICATION OF SILVER CITY MINES LTD. DATED JUNE 1st, 1975.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

Northern Mineral Exploration Program

- Notes: 1. This sheet must accompany the application for assistance.
 2. It must be completed anew at the conclusion of the approved exploration program to show actual expenditures, and is to be submitted under oath with the request for grant payment.
 3. "Units" refers to units of performance such as feet of drilling, line miles of surveys, hours of flying time, etc.

Property	WHITE RIVER COPPER, Y.T.	Claim Sheet No.	115.9.13.....
Name of Company	SILVER CITY MINES LTD.	Lat.	61.46 N.....
		Long	140.47 W.....

Program to be carried out between June 1, 1975 and March 31, 1976

Mining Exploration Program	ESTIMATED		ACTUAL		Inspection Field Check
	Units	Expenditure	Units	Expenditure	
(a) Consultants Fees		3,000.00			
(b) Field Supervision					
Mobilization and Demobilization of Program					
(a) Transportation		3,000.00			
(b) Freight		700.00			
(c) Road Construction		1,000.00			
Exploration Work					
(a) Mapping & Prospecting					
(b) Surveys					
(i) Geological		14,000.00			
(ii) Geophysical					
(iii) Geochemical					
(iv) Evaluation					
(c) Trenching					
(d) Dia. Drilling-(surface)					
(e) Shaft Sinking					
(f) Underground Expi.....					
(i) Drifts & Crosscuts					
(ii) Raising					
(iii) Dia. Drilling	2,000 ft. @ \$15.00	30,000.00			
(iv) Servicing					
		\$51,700.00			

THIS IS EXHIBIT "A" referred to in the Declaration of Cyril Clyde Keyes, declared to before me this 8th day of August, 1975.

[Signature]
 A NOTARY PUBLIC IN AND FOR THE PROVINCE OF BRITISH COLUMBIA.

Mining Exploration Program	ESTIMATED		ACTUAL		Inspection Field Check
	Units	Expenditure	Units	Expenditure	
Miscellaneous sampling and Assays.					
Camp Construction					
Camp Operation					
(a) Supplies	Food	4,000.00			
(b) Heating		700.00			
(c) Maintenance	Wages & General	4,000.00			
Rental of Equipment					
Depreciation					
9. Major Transportation for Field Support or Service					
(i) Fixed Wing Aircraft		4,500.00			
(ii) Rotary Wing Aircraft		3,600.00			
0. Communications		1,500.00			
1. Other Contingencies		11,000.00			
2. General and Administrative Expenses (includes head office and field office administration; attach list of details).		8,000.00			
TOTAL		\$89,000.00			

W. V. Smith
Signature

Company Engineer

Inspecting Officer

June 1, 1975
Date



Silver City Mines Ltd.

~~371-845 HONNEY STREET~~ · VANCOUVER 1, BRITISH COLUMBIA · TELEPHONE ~~682-5112~~
580 Howe Street, 681 5102

August 12, 1975

Mr. D.B. Craig,
Resident Geologist,
Building 200,
Range Road,
Whitehorse, Y.T.

Dear Sir:

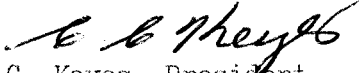
Re: Silver City Mines Limited

I am enclosing herewith the following data in regards to our work on our White River property in the Yukon Territory.

1. Letter from Dr. Smitherngale complete with our 1975-76 programme of estimated expenditure.
2. Copy of land use permit No. Y72F086 letter of clearance.
3. Copy of contract with Dr. A.J. Sinclair of the University of B.C. to do a detailed geologic and petrographic study.
4. My Statutory of Declaration, signed as President of Silver City Mines Limited dated August 8, 1975.
5. The signed, notaried application forms.

We wish to thank the Department for the co-operation that we have received during the past and the present.

Yours very truly,


C.C. Keyes, President
Silver City Mines Limited.

C.C.K/mj

FORM 11

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

Northern Mineral Exploration Program

Northern Mineral Exploration Assistance Regulations

Form of Application for Grant

(Corporation formed for the purpose of and engaged in exploring for valuable substances in Northern Canada)

NEW CITY MINING LIMITED

----- Limited, a

Province British Columbia
Corporation incorporated under the laws of the _____ of _____
head office 580 Howe Street,
with _____ office at _____, in the
(head office registered) British Columbia
of _____ in the Province of _____

(hereinafter called "the Applicant"), hereby applies to Her Majesty the Queen in right of Canada (hereinafter called "Her Majesty"), represented herein by the Minister of Indian Affairs and Northern Development, (hereinafter called "the Minister"), for a grant authorized by the *Northern Mineral Exploration Assistance Regulations* (hereinafter called "the Regulations"), in respect of the program of exploratory work described in Appendix "A" hereto, and represents as follows:

That it is a Corporation described in paragraph (a) or (b) of subsection (3b) of section 83A of the Income Tax Act;

That it was formed for the purpose of or is engaged largely in exploratory work on holdings in Northern Canada within the meaning of the said Regulations;

That it is a corporation described in subparagraph (i), (ii) or (iii) of paragraph (b) of subsection (2) of section 3 of the Regulations.

That with respect to the beneficial ownership of its issued and outstanding shares it is a Corporation described in subparagraph (ii) of paragraph (c) of subsection (2) of section 3 of the said Regulations; and

That it is the beneficial owner of or of an undivided interest in the holdings in respect of which the application is made or that it is entitled by option or lease to enter upon and conduct a program of exploratory work on the holdings in respect of which this application is made and that the details of Appendix "B" convey accurately the applicant's entitlement to such holdings.

In consideration of Her Majesty giving consideration to this application the Applicant hereby covenants and agrees as follows.

1. The Applicant will pay to Her Majesty in accordance with the Regulations any amounts that become owing by it by reason of any provision of the Regulations.
2. The Applicant authorizes the Minister to make public any information disclosed to the Director, Resource and Economic Development Group of the Department of Indian Affairs and Northern Development pursuant to section 7 of the Regulations at any time after two years from the day fixed by the Minister for completion of the program of exploratory work.
3. (1) The Applicant will not assign, transfer, give away, abandon, mortgage, pledge or otherwise charge or grant any interest in or in any way disable itself from acquiring holdings described in its application except with the prior written consent of the Minister and subject to any conditions that the Minister may in giving his consent impose.

(2) Subsection (1) does not apply if the written notice contemplated by section 15 of the Regulations has been given to the Applicant by the Minister.

4. The Applicant will not represent or imply or cause to be represented or implied by any means whatsoever that the approval of its application by the Minister or the payment to it of any amount as or on account of a grant connotes a favourable opinion of Her Majesty or of any officer or employee of Her Majesty as to the presence of oil, gas or minerals in any of the areas to which the holdings described in its application relate.

5. The Applicant will repay to Her Majesty any amount paid to it as or on account of a grant, together with simple interest thereon at the rate of 10% per annum from the day on which such amount was paid to it, if

(a) it or any of its agents, officers, employees or servants commits a breach of any undertaking given by it pursuant to the Regulations; or

(b) it or any agents, officers, employees, or servants either before or after this undertaking is given, knowingly makes a false or misleading statement or fails to disclose a material particular in an application or other document or wilfully furnishes any false or misleading information.

6. The Applicant will acknowledge in writing the receipt of monies advanced to it on account of the grant hereby applied for.

The financial performance herein ... will be used to defray the ... implementing the 1975-1976 program in the Company's ... year property, ... at \$80,000.00, as set out in ... statement ... dated ... 1975, under the ... of William V. ... the Company's engineer.

Dated at Montreal, P.Q., 1975, Quebec (city), 1975 (province), Canada.
IN THE PRESENCE OF [Signature])
[Signature])
[Signature])
1688 - 777) by [Signature] Limited
Montreal, P.Q. (address)) (state office held) President
(occupation)) and (state office held)

Statutory Declaration to be made by an officer of the Applicant signing the application:-

Canada) IN THE MATTER OF AN APPLICATION FOR A
Province of British Columbia) GRANT UNDER THE NORTHERN MINERAL EXPLORA-
To wit:) TION ASSISTANCE REGULATIONS.

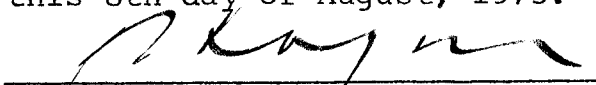
I, CYRIL CLYDE KEYES, of the Municipality of West Vancouver, in the Province of British Columbia, Contractor, DO SOLEMNLY DECLARE as follows:

1. THAT I am the President of Silver City Mines Ltd. the applicant named in the annexed application and have knowledge of the matters contained in the application.
2. THAT the statements in the application and the appendices are true.
3. THAT I am familiar with the Northern Mineral Exploration Assistance Regulations and I know of nothing affecting the eligibility of the applicant for the grant applied for which is not disclosed in the above application.
4. THAT now produced and shown to me and marked Exhibit "A" to this my Declaration is the estimated exploration programme dated the 1st day of June, 1975, signed by Wm. V. Smitheringale, the Company's Engineer, stipulating details of these expenditures, for the period June 1, 1975 to March 31st, 1976, in the sum of \$89,000.00, on the Company's White River property in the Yukon Territory.
5. THAT now produced and shown to me are copies of a letter dated August 5th, 1975, from William V. Smitheringale, a letter dated June 24th, 1975 from W.N. Sanregret, a further letter dated June 24th, 1975, from W.N. Sanregret, and a letter dated May 29th, 1975, from this deponent, all of which documents are marked Exhibits "B", "C", "D" and "E", respectively to this my Declaration.
6. THAT now produced and shown to me and marked Exhibit "F" to this my Declaration is a certified copy of the list of mineral claims of the Company in the White River Area of the Yukon Territory, certified by this deponent.

AND I MAKE THIS SOLEMN DECLARATION conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.

DECLARED TO BEFORE ME at the City of)
Vancouver, Province of British Columbia,)
this 8th day of August, 1975.)


CYRIL CLYDE KEYES


A NOTARY PUBLIC IN AND FOR THE PROVINCE

Wm. V. SMITHERINGALE

MINING & GEOLOGY

P.O.Box 1238,
Comox, B.C.,
August 5, 1975
V9N 3Z0

Mr. C.C.Keyes,
Silver City Mines Ltd.,
580 Howe St.,
Vancouver, B.C.

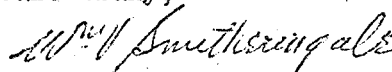
Dear Sir;

In my report to you summarizing the development results of the 1974 underground work, I recommended future work should be undertaken to evaluate the mineral section indicated by surface drill hole No.12 and underground drill hole No.15. This would entail a new adit on the 2800 level below and slightly north of the 2900 level portal.

During the winter, conversations between you, Mr. A.D. Oliver, Head of Exploration and Geological Services, Ottawa, and Dr. Sinclair of University of B.C., it was decided a detailed geologic and petrographic study of the drill cores and underground workings, would be in order and add information and act as a guide to future work.


In keeping with this recommendation I have submitted estimates of expenditures (copy enclosed) to cover this investigation with provision for a limited drilling program subsequent to this geologic study, if time permits this year prior to freeze up.

Yours truly,



Wm.V.Smitheringale

THIS IS EXHIBIT "B" referred to in the Declaration of Cyril Clyde Keyes, declared to before me this 8th day of August, 1975.



A NOTARY PUBLIC IN AND FOR THE PROVINCE OF BRITISH COLUMBIA.



Indian and
Northern Affairs

Affaires Indiennes
et du Nord

Building 200
Range Road
Whitehorse, Yukon

June 24, 1975

Your file Votre référence

Our file Notre référence Y72F086

Mr. C. C. Keyes, President
Silver City Mines Ltd.
580 Howe St.
Vancouver 1, B.C.

Dear Mr. Keyes;

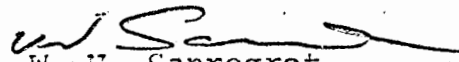
RE: Land Use Permit No. Y72F086
 Access Road - M.P. Alaska Highway
 To. Rifle Lake CO: 61°47' N.
 140°47' W.

We have a report from our Resource Management Officer at Beaver Creek advising that you have complied with the operating conditions attached to this permit.

As no damage was done to the existing Tote Trail, no further Land Use fees will be required. You will however be required to apply for a new Land Use permit prior to removing of your equipment from this camp.

Your cooperation has been appreciated.

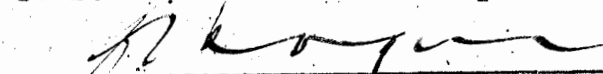
Yours truly


W. N. Sanregret
Land Use Administrator

cc - G. Campbell
 A. Smith


WNS/GF

THIS IS EXHIBIT "C" referred to in the Declaration of Cyril Clyde Keyes, declared to before me this 8th day of August, 1975.


A NOTARY PUBLIC IN AND FOR THE PROVINCE OF
BRITISH COLUMBIA.

3. The feeding of wildlife is prohibited.
4. Caution must be exercised to ensure that harassment of wildlife with machinery or aircraft, does not take place.

Yours very truly


W. N. Sanregret
Land Use Administrator

cc - G. Campbell
A. Smith

WNS/GF



Building 200
Range Road
Whitehorse, Yukon

June 24, 1975

Mr. C. C. Keyes, President
Silver City Mines Ltd.
580 Howe Street
Vancouver 1, B.C.

Your file Votre référence

Our file Notre référence Silver City Mines Ltd.
(Gen)

Dear Mr. Keyes:

RE: Geological Survey - Rifle Lake
Campsite.

This letter is to confirm discussion of this date with your representative Mr. W. SMITHERINGALE regarding the proposed program for 1975.

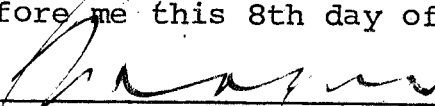
As the proposed work to be conducted and campsite will be located entirely within mineral claims, a Land Use Permit will not be required.

I would like to refer you to Part B operating conditions attached to your water authorization dated 18 February, 1975. In addition to these conditions we would appreciate your cooperation in adhering to the following :

1. Before commencing this project, please contact Mr. G. G. Campbell, Resource Management Officer at Beaver Creek, Yukon for his requirements under the Forest Protection Ordinance.
2. All garbage and debris is to be incinerated daily and the residue deposited in a pit of adequate size to contain the accumulated material. This pit is to be covered with at least 4 feet of mineral soil upon abandonment of the camp.

THIS IS EXHIBIT "D" referred to in the Declaration of Cyril Clyde Keyes, declared to before me this 8th day of August, 1975.

... /2


A NOTARY PUBLIC IN AND FOR THE PROVINCE OF
BRITISH COLUMBIA.

A RESEARCH PROJECT ON COPPER DEPOSITS OF SILVER CITY MINES
AND RELATED VOLCANIC ROCKS, WHITE RIVER AREA, YUKON.

PROPOSAL

A research project is suggested that concerns a detailed study of Upper Triassic volcanic rocks on and near the White River, Yukon, property of Silver City Mines, and with special emphasis on Cu mineralization. The project will deal with: ••

- (a) An attempt to outline stratigraphy within the Upper Triassic volcanic rocks of the area.
- (b) Petrogenesis of the Upper Triassic volcanic rocks
- (c) Detailed correlation problems on the Silver City Mines property

These general ends will require (1) detailed mapping on the property and of nearby Triassic volcanic sections, (2) relogging of drill core, (3) remapping of underground workings if possible, (4) construction of a 3-dimensional model of the surface, drill, and underground information as an aid to solving structural and correlation problems, (5) sampling of volcanic rocks for whole rock analysis, and (c) laboratory investigation of hydrothermal effects using x-ray and microprobe equipment.

Results of the study could have considerable practical importance. It is apparent that any move towards describing a recognizable stratigraphy within the volcanic sequence will have an important bearing on exploration. Furthermore, the chemical nature of the Upper Triassic rocks will be important in integrating them into a plate tectonic model that relates mineral deposits to the new global tectonics. Specifically, it is hoped that the project will provide a base for more successful exploration on the property of Silver City Mines, particularly in tracing and extending the known native Cu-bearing volcanic rocks.



Silver City Mines Ltd.

~~580 Howe Street~~ • VANCOUVER 1, BRITISH COLUMBIA • TELEPHONE 681-5102
580 Howe Street, 681 5102

May 29, 1975

Dr. A.J. Sinclair,
Dept. of Geological Sciences,
University of B.C.,
Vancouver, B.C.

Dear Dr. Sinclair;

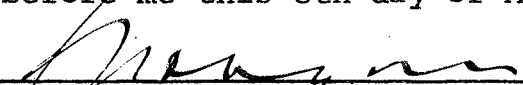
Enclosed is a cheque for Seven Thousand dollars (\$7,000.00) as a grant in aid of your research on copper deposit and volcanic rocks in the White River area, Yukon Territory. An equivalent amount will be forwarded to you in about 2 or 3 months.

We would appreciate being kept informed of the progress of your research, particularly with regard to those projects described in your research outline presented to us and dated March 14, 1975 .

Yours very truly,

C.C. Keyes,
President

THIS IS EXHIBIT "E" referred to in the
Declaration of Cyril Clyde Keyes, declared
to before me this 8th day of August, 1975.

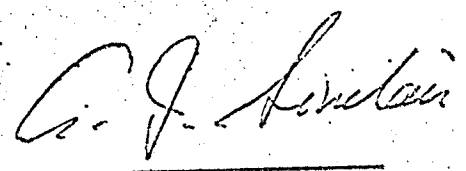

A NOTARY PUBLIC IN AND FOR THE PROVINCE
OF BRITISH COLUMBIA

ESTIMATED BUDGET

Technical Assistance for laboratory work \$500/mo x 12	6000.00
Thin sections, 200 @ \$5.00	1000.00
Polished sections, 100 @ \$5.00	500.00
Electron microprobe 50 hrs @ \$20.00	1000.00
Whole rock chemical analysis 20 @ \$150	3000.00
Shipment of specimens	300.00
Computer time	1200.00
Supervisor travel	<u>600.00</u>
	13,400.00
SubTotal	
Miscellaneous and Contingency (materials for model, draughting, report preparation, etc.)	600.00
TOTAL ESTIMATED EXPENDITURE	<u>\$14,000.00</u>

It is understood that field expenses for a geologist and assistant, including salaries, are to be paid by Silver City Mines for a 3-month period of field work in the summer of 1975.

12-months after completion of the field work, a detailed completed report will be submitted to the Company. Progress reports will be submitted every 3 months.



A.J. Sinclair,
Professor.
March 14, 1975

APPENDIX "B" TO THE APPLICATION OF SILVER CITY MINES LTD. DATED JUNE 1, 1975.

<u>Silver City Mines Limited</u>		<u>Claims List</u>		<u>June 28, 1975</u>
<u>Name</u>	<u>Number</u>	<u>Name</u>		<u>Number</u>
Marc # 1	Y4991	NUK. Fr # 8		Y24202
2	Y4992	Fr # 9		Y24203
3	Y4993	Fr #11		Y24199
4	Y4994	Fr #12		Y24200
17	Y5007	Fr #13		Y24201
18	Y5008	Fr #18		Y24209
19	Y5009	NUK #19		Y24210
20	Y5010	#20		Y24211
21	Y5011	NUK Fr #22		Y24213
22	Y5012	Fr #23		Y24207
23	Y5013	Fr #24		Y24208
24	Y5014	NUK #28		Y24215
25	Y5015	NUK #30		Y24216
26	Y5016	Golden Horne # 1		90563
61	Y5220	# 2		90564
62	Y5221	# 3		90565
63	Y5222	# 4		90566
64	Y5223	Slaggard # 1		90561
65	Y5224	# 2		90562
66	Y5225	Hanna Fr #49		Y21328
67	Y5226	Fr #50		Y21329
68	Y5227	Fr #51		Y21330
69	Y5228	Fr #52		Y21331
70	Y5229	NUK #32		Y24217
71	Y5230	NUK Fr #34		Y24214
72	Y5231	Fr #37		Y24218
73	Y5232	Fr #38		Y24219
74	Y5233			
75	Y5234			
76	Y5235			
77	Y5236			
78	Y5237			

The above mineral claims are recorded in the name of United Pemetex Ltd., a subsidiary of Silver City Mines Ltd., who holds 87½% of the outstanding shares thereof.

THIS IS EXHIBIT "F" referred to in the Declaration of Cyril Clyde Keyes, declared to before me this 8th day of August, 1975.

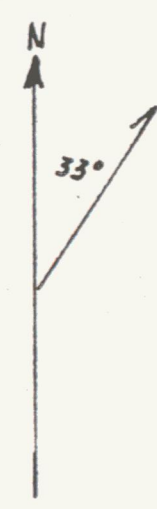
C. C. Keyes
PRESIDENT

[Signature]
A NOTARY PUBLIC IN AND FOR THE PROVINCE

245-46
243-44
241-42

239-40	0.02	0.02
237-38	0.02	0.02
235-36	0.03	0.03
233-34	0.30	0.03
231-32	0.02	0.04
229-30		
227-28		
225-26		
223-24		
221-22		
219-20		
217-18		
215-16		
213-14		
211-12		
209-10		
207-08		
205-06		
203-04		
201-02	0.02	0.02

f.g irreg Cu fairly persistent in faces and muck.



SILVER CITY MINES

WHITE RIVER Y.T.

ASSAY PLAN 2800 LEVEL

NORTH DRIVE





Scale 1"=20' JULY 1974

Sample N°; Drill Cuttings; Muck.

974-75		
972-73		
970-71		
968-69		
966-67		
964-65		
962-63	0.02	0.08
960-61		
958-59		
956-57		
954-55		
952-53		
1000-951	0.25	0.39
998-99		
996-97	0.06	0.18
994-95		
992-93		
990-91		
988-89		
986-87		
984-85		
0300-979		
0292-93		
0282-84		
0278-79		
0274-75		
0272-73		
0266-67		
0262-63	0.04	0.04
0258-59	0.03	0.02
0254-55	0.04	0.11
1500-0251	0.05	0.04
1498-99	0.06	0.05
1494-95	0.04	0.03
1489-90	0.15	0.05

irreg Cu in muck
irreg Cu in muck

irreg Cu in muck
irreg Cu in muck

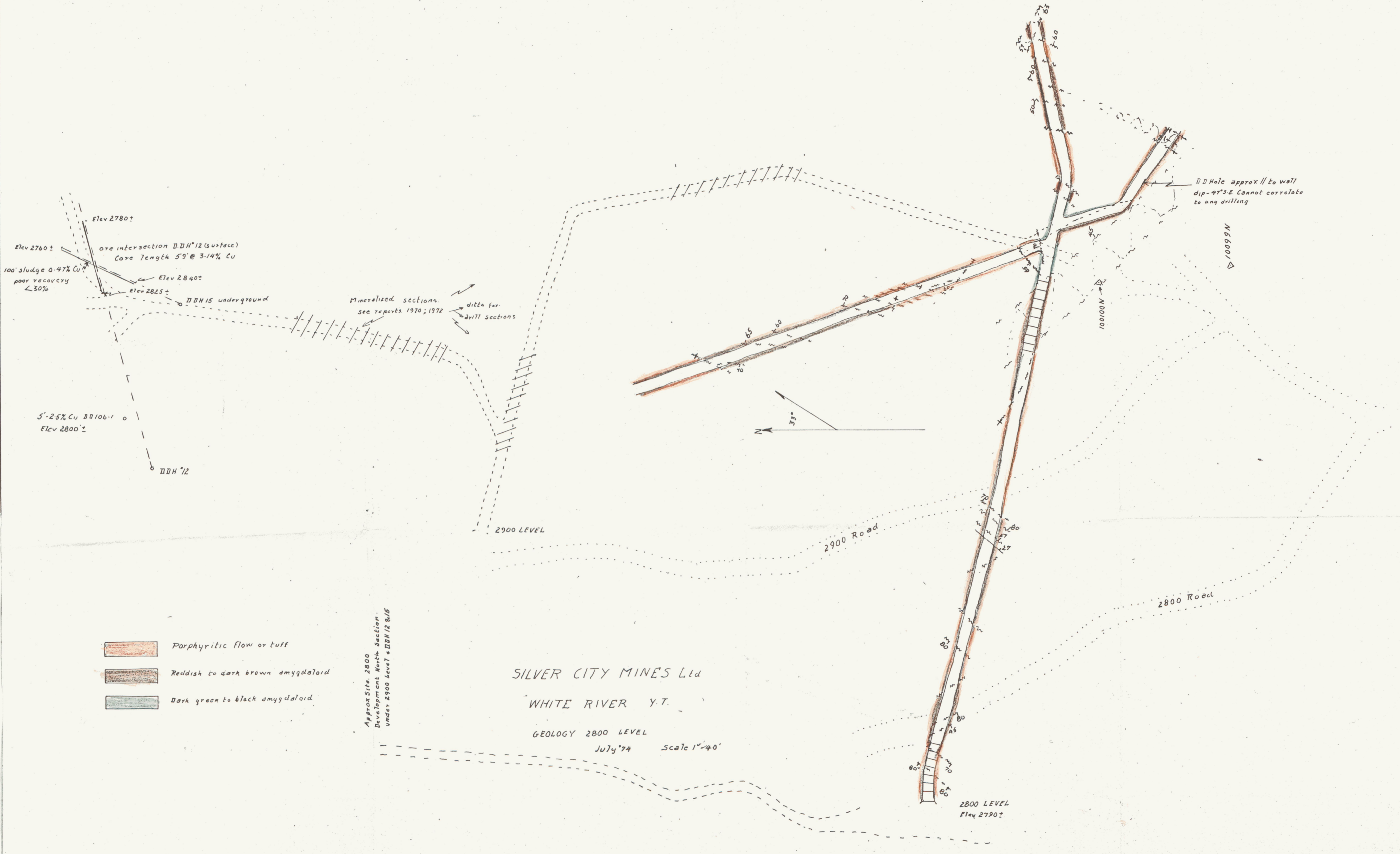
-  Green to black chloritized amygdaloid
-  Brown to chocolate coloured amygdaloid
-  Grey porphyry
-  Brownish-grey porphyry

MAJOR FAULT ZONE

Cu irreg veinlets: one 1" x 1/2" = 3/4"
f.g. Cu irreg veinlets & bunches
20% pieces 1" x 1/2" seen in muck
irreg Cu in veinlets w wall
irreg Cu E wall + across face

Sheared porphyry
spotty Cu

Fig. 3



Elev 2780±
 Elev 2760±
 ore intersection DDH 12 (surface)
 Core length 59' @ 3.14% Cu
 100' sludge 0.47% Cu
 poor recovery < 30%
 Elev 2840±
 Elev 2825±
 DDH 15 underground
 5' - 2.5% Cu DDH 106-1
 Elev 2800±
 DDH 12

Mineralized sections.
 See reports 1970; 1972
 ditto for
 drill sections

DD Hole approx // to wall
 dip 47° S.E. Cannot correlate
 to any drilling

- Porphyritic flow or tuff
- Reddish to dark brown amygdaloid
- Dark green to black amygdaloid

Approx Site, 2800
 Development North Section
 under 2900 level + DDH 12 & 15

SILVER CITY MINES Ltd
 WHITE RIVER Y.T.

GEOLOGY 2800 LEVEL
 July '74 Scale 1" = 40'

2800 LEVEL
 Elev 2790±