




FOR IMMEDIATE RELEASE, February 6, 1990

## Proven and Probable Reserves at Sulphurets Property Double.

VANCOUVER, B.C - Proven and probable geological reserves for West Zone on the Sulphurets property have doubled from previously reported figures. Watts, Griffis McOuat (WGM) of Toronto prepared a "Report on Ore Reserves" for Newhawk Gold Mines Ltd. (TSE: NHG) and Granduc Mines Ltd., and calculated geological reserves using a cut-off grade of 0.2 ounces of gold equivalent per ton and a minimum true width of 5 feet. They report reserves for the West Zone (including R-8) as:

| Proven \& Probable | Gold <br> oz/ton | Silver <br> oz/ton |
| :--- | :--- | :--- |
| 715,400 tons | 0.431 | 19.70 |

The above figures acknowledge cut values along a straight line curve which was constructed following histogram study and plotting high gold and silver values against sample width. WGM were not requested to calculate or report on possible reserves. WGM have concluded that the data in hand is sufficient to proceed with mine planning. Their report, incorporating the above figures and fully annotated level plans and sections, has been delivered to Cominco Engineering Services Ltd. (CESL) who are completing a feasibility study. Engineering staff from CESL and from Newhawk Gold Mines are collaborating to facilitate delivery of the feasibility study.

According to WGM, the West Zone, which has been steadily expanded by exploration laterally on strike and in depth, has not yet been closed off in any direction with the outlook for increasing reserves, excellent. WGM report they are confident that further exploration will result in the discovery and definition of additional gold and silver deposits as the entire Sulphurets property is anomalously rich in precious metals.

The Sulphurets property, under exploration by Newhawk Gold Mines Ltd., the operator (60\%) and Granduc Mines Ltd. (40\%), is located in northwestem British Columbia.

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FOR IMMEDIATE RELEASE: January 16, 1990
$V A N C O U V E R, B . C$ - The latest drill intersections from Newhawk Gold Mines Ltd.'s (TSE: NHG) Sulphurets property have demonstrated tiat the R-8 structure extends continuously to at least the 1100 meter elevation, with an established dip length in excess of 700 feet and a strike length of 271 feet.

Below the 1150 meter elevation, several additional mineralized shoots have been discovered in the footwall, increasing the tonnage potential of the zone. Four step out holes were completed below the 1100 meter elevation to the south of the established R-8 dimensions. These holes (marked below with an asterisk) encountered mineralization providing an excellent opportunity for future reserve additions.

| Section | Hole No. | Dip | From feet | To | Core Length feet | Gold oz/ton | Silver oz/ton | Zone <br> Intersected |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5090S | U-89-411 | $-7^{\circ}$ | 30.2 | 41.3 | 11.1 | 0.262 | 20.25 | West |
|  |  |  | 55.8 | 71.2 | 15.4 | 0.925 | 18.26 | West |
|  | U-89-412 | $-32^{\circ}$ | 133.8 | 141.0 | 7.2 | 0.268 | 9.39 | West |
|  |  |  | 187.9 | 191.8 | 3.9 | 0.703 | 61.73 | West |
| 5110 S | U-89-287 * | $-26^{\circ}$ | 413.8 | 418.6 | 4.8 | 0.247 | 50.13 | R8 |
|  | U-89-288* | -34 ${ }^{\circ}$ | 457.3 | 467.9 | 10.6 | 0.190 | 3.36 | R8 |
| 5150S | U-89-409 | $+0^{\circ}$ | 135.0 | 147.5 | 12.5 | 0.456 | 75.27 | West |
|  |  |  | 294.9 | 309.1 | 14.2 | 0.670 | 18.67 | R8 |
| 199+30N | U-89-407* | $-43^{\circ}$ | 352.6 | 361.8 | 9.2 | 0.197 | 20.41 | R8 |
| $199+40 \mathrm{~N}$ | U-89-406 * | $-35^{\circ}$ | 287.0 | 291.9 | 4.9 | 0.228 | 20.50 | R8 |
| $199+50 \mathrm{~N}$ | U-89-289 | +45 ${ }^{\circ}$ | 112.9 | 116.3 | 3.4 | 0.589 | 14.01 | R8 |
|  | U-89-356 | $-42^{\circ}$ | 209.4 | 216.2 | 6.8 | 0.358 | 2.43 | R8 |
| 199+60N | U-89-367 | $+26^{\circ}$ | 81.2 | 86.1 | 4.9 | 1.132 | 5.04 | R8 |
|  |  |  | 108.9 | 118.8 | 9.9 | 0.689 | 2.78 | R8 |
| 199+70N | U-89-372 | $+51^{\circ}$ | 102.99 | 112.5 | 9.5 | 0.722 | 15.80 | R8 |
|  | U-89-373 | $-17^{\circ}$ | 129.6 | 147.9 | 18.3 | 0.375 | 3.37 | R8 |
|  |  |  | 194.8 | 199.8 | 5.0 | 0.910 | 49.07 | R8 |
|  | U-89-374 | $-33^{\circ}$ | 259.1 | 271.3 | 12.2 | 0.211 | 29.30 | R8 |
|  | U-89-375 | $-60^{\circ}$ | 224.5 | 229.5 | 5.0 | 0.896 | 1.16 | R8 |
| 199+80N | U-89-378 | $+20^{\circ}$ | 53.1 | 84.6 | 31.5 | 0.546 | 8.12 | R8 |
|  | U-89-379 | $-18^{\circ}$ | 124.6 | 157.1 | 32.5 | 0.851 | 18.29 | R8 |
|  | U-89-380 | $-32^{\circ}$ | 116.8 | 132.6 | 15.8 | 0.772 | 0.86 | R8 |
|  |  |  | 232.2 | 238.5 | 6.3 | 0.442 | 8.38 | R8 |
|  | U-89-381 | -43 ${ }^{\circ}$ | 394.4 | 396.9 | 2.5 | 0.281 | 14.70 | R8 |
| 199+90N | U-89-385 | +31 ${ }^{\circ}$ | 87.6 | 118.8 | 31.2 | 0.258 | 7.48 | R8 |
|  | U-89-386 | $-21^{\circ}$ | 193.4 | 220.5 | 27.1 | 1.388 | 35.81 | R8 |
|  | U-89-387 | -31 ${ }^{\circ}$ | 116.1 | 131.4 | 15.3 | 0.325 | 1.90 | R8 |
|  |  |  | 247.3 | 288.2 | 40.9 | 0.250 | 14.10 | R8 |
| $200+10 \mathrm{~N}$ | U-89-395 | $+22^{\circ}$ | 120.4 | 139.0 | 18.6 | 1.040 | 25.74 | R8 |
|  | U-89-396 | -4 ${ }^{\circ}$ | 147.6 | 167.3 | 19.7 | 0.758 | 18.90 | R8 |
|  | U-89-398 | $-35^{\circ}$ | 188.7 | 196.9 | 8.2 | 0.378 | 2.22 | R8 |

All data from the 1989 Phase II program, including the above reported intersections in the R-8 structure, has been sent to Watts Griffis McOuat Limited ("WGM") of Toronto for inclusion in their ore reserve calculation, currently being prepared. The WGM report is scheduled to be delivered to the joint venture and Cominco Engineering Services Limited ("CESL") by the end of January. CESL is scheduled to deliver a final feasibility report to the joint venture by the end of February.

The Sulphurets property, located in northwestern British Columbia, is under exploration by Newhawk Gold Mines Ltd. the operator ( $60 \%$ ) and joint venture partner Granduc Mines Ltd. (40\%).

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## RAISE AND SUB DRIFTING RESULTS FROM R-8 STRUCTURE

VANCOUVER, B.C. - Underground crews at the Sulphurets property have completed a raise from the 1150 m level up to the 1200 m level in the R-8 structure with outstanding results. In addition, a 14.7 foot sub drift was driven from the raise across the R-8 at about 1178 m elevation. The grades quoted below are the average uncut grade for the raise and sub drift openings.
Length (feet) Gold oz/ton Silver oz/ton

Raise 115-5063
Sub Drift 1178-5063
170.6
13.1
2.861
2.027
31.73
41.04

The path followed by the raise crosses the $\mathrm{R}-8$ structure from its starting point near the hanging wall in the crosscut on the 1150 level. That crosscut averaged $0.294 \mathrm{oz} /$ ton gold and $4.99 \mathrm{oz} / \mathrm{ton}$ silver across 38 feet. The raise and sub-drift identify a very high grade lens within the R-8 structure of considerable size and with the sub drift, establishes a width of at least 16.5 feet. The face of the sub drift remained in mineralization and a further advance is planned to test the true width of the structure at this location.

A 15,000 foot underground diamond drilling program commenced on November 17th utilizing two drills. The intent of this program is to confirm reserves in the $\mathrm{R}-8$ by close spaced drill holes and also to expand reserves by step out drilling. Broader widths than expected have been encountered, particularly in the upper section of the R-8 structure.

The Sulphurets property in northwestern British Columbia is under exploration by Newhawk Gold Mines Ltd., the operator (60\%) and Granduc Mines Ltd. (40\%).

The Vancouver Stock Exchange has not reviewed and does not accept responsibiitty for the adequacy or accuracy of this release.
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## Newhawk

FOR IMMEDIATE RELEASE NOVEMBER 1, 1989
Drifting Results from R-8 at Newhawk/Granduc Sulphurets property.

VANCOUVER - Assay results from the first 130 feet of drifting on the R-8 structure at the 1200 m level, average 1.512 oz gold/ton and 17.16 oz silver/ton across a true width of 8.1 feet. Drifting on R-8 is part of the 1989 exploration program on the Sulphurets property.

Fred Hewett, P.Eng., vice president - exploration, states that raising and drifting are confirming the continuous nature of the R-8 structure. Field crews report mineralization is well defined, easy to follow and returning consistently high precious metals values. A crosscut from the decline at the 1150 m level has intersected the R-8 structure 50 meters ( 165 ft ) below the drift. Newhawk president Don McLeod says results from this latest R-8 intersection, West Zone underground and surface drilling will be reported shortly.

Site geologists report that 220 feet (slope length) of raising on the upper extremity of R-8 between levels 1200 m and 1250 m , averaged 0.323 oz gold/ton and 17.69 oz silver/ton across 7.6 feet. The structure was totally continuous between levels. Because the raise was driven to follow the footwall, the full widit was not always exposed and consequently, a high grade stringer in the hanging wall not always sampled.

The Sulphurets property, located 30 miles northeast of Stewart, B.C. is under exploration by Newhawk (TSE, VSE: NHG) the operator with a $60 \%$ interest and Granduc Mines Ltd. with a $40 \%$ interest. The three phase 1989 exploration program is budgeted at over $\$ 10$ million for the year.

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NEWHAWK GOLD MINES LTD.

## UNDERGROUND DRIII RESULTS - 1989 PHASE III RECOMMENDATIONS

The 1989 Stage II program at the Newhawk/Granduc Sulphurets property was completed on time and under budget. A $+23,000$ foot underground diamond drilling program, undertaken from the 1250 and 1200 m levels tested the West Zone and additionaly, discovered the high grade $\mathrm{R}-8$ Zone.

The detailed drilling within the West Zone has confirmed the continuity of high grade structures to the 1200 m level with similar tons per vertical meter as exists from surface down to the 1250 m level. Two additional holes drilled on the $\mathrm{R}-8$ structure are also reported below. The results tabulated below, follow those reported July 25 th, August 15 th and August 30 th. Additional results are forthcoming.

Underground Drilling

| Section | Hole No. | Azimuth | Dip | From | To | Core Length (feet) | $\begin{gathered} \text { Gold } \\ \text { oz/ton } \end{gathered}$ | $\begin{aligned} & \text { Silver } \\ & \text { oz/ton } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $51+10 \mathrm{~s}$ | U-89-302 | 270 | $+20^{\circ}$ | 282.4 | 337.2 | 54.8 | 0.997 | 29.04 |
|  | U-89-303 | $270^{\circ}$ | $+5^{\circ}$ | 178.1 | 198.7 | 20.6 | 0.100 | 5.05 |
|  |  |  | and | 277.9 | 305.8 | 27.9 | 0.302 | 5.65 |
|  | U-89-304 | $270^{\circ}$ | $0^{\circ}$ | 322.5 | 333.0 | 10.5 | 0.287 | 13.53 |
|  |  |  | and | 347.9 | 352.8 | 4.9 | 6.619 | 5.34 |
|  |  |  | and | 411.7 | 416.6 | 4.9 | 0.875 | 1.73 |
|  | U-89-305 | $270^{\circ}$ | $-24^{\circ}$ | 321.4 | 332.0 | 10.6 | 15.807 | 20.49 |
| $51+30$ S | U-89-316 | $270^{\circ}$ | $-8^{\circ}$ | 311.0 | 331.8 | 20.8 | 1.567. | 28.97 |
|  | U-89-319 | $270^{\circ}$ | $-54^{\circ}$ | 272.9 | 277.8 | 4.9 | 0.691 | 0.70 |
| $51+50 \mathrm{~S}$ | U-89-278 | $90^{\circ}$ | $+28^{\circ}$ | 166.3 | 172.9 | 6.6 | 0.209 | 53.28 |
|  |  |  | and | 182.0 | 190.5 | 8.5 | 3.183 | 5.67 |
|  |  |  | and | 223.9 | 229.9 | 6.0 | 0.222 | 112.71 |
|  | U-89-320 | $270^{\circ}$ | $+7^{\circ}$ | 182.9 | 198.8 | 15.9 | 0.123 | 6.09 |
|  | U-89-326 | $90^{\circ}$ | $-57^{\circ}$ | 168.3 | 173.2 | 4.9 | 1.535 | 3.57 |
| $51+70$ S | U-89-330 | $270^{\circ}$ | $+14^{\circ}$ | 175.5 | 180.4 | 4.9 | 0.742 | 8.69 |
|  |  |  | and | 236.9 | 241.8 | 4.9 | 3.162 | 118.34 |
|  | U-89-331 | $270^{\circ}$ | $+4^{\circ}$ | 163.8 | 175.5 | 11.7 | 0.253 | 17.35 |
|  | U-89-332 | $270^{\circ}$ | $-32^{\circ}$ | 211.1 | 216.5 | 5.4 | 0.252 | 9.92 |
|  |  |  | and | 269.5 | 283.4 | 13.9 | 0.343 | 26.35 |
| $199+60$ | U-89-353 | $30^{\circ}$ | $+17^{\circ}$ | 92.5 | 99.1 | 6.6 | 0.144 | 7.92 |
| $199+50$ | U-89-350 | $30^{\circ}$ | $+14^{\circ}$ | 103.3 | 110.8 | 7.5 | 0.084 | 5.88 |

## West Zone Surface Program

Surface geological mapping has discovered several new high grade showings in areas south of the West Zone. A minimum 5,000 foot surface drilling program is now underway to follow up the trenching and grab samples. Results from the surface drilling program will be reported when they are available.

1989 Phase III Recommendations

## Decline Extension to Further Test the R-8 Zone

Underground exploration in the Phase II program discovered the high grade R-8 structure, initially in a crosscut and subsequently through several outstanding high grade drill intersections including the most northerly, Hole 292 that intersected 84.6 feet of 7.472 ounces of gold per ton. The zone, which shows promise of additional size, has been partially outlined to date, remaining open at depth and to the north.

In order to test the zone both to the north and at depth, the decline is currently being extended down a further 50 vertical meters which will allow for detailed drilling of the zone. A 13,000 foot underground diamond drilling program will commence in early November on completion of decline advance. To date, $R-8$ dimensions outlined, measure 165 feet in length with a vertical extent of 500 feet and an average width of 13 feet.

## Reserve Calculations and Feasibility Study

Approval in Principle has been received from the Provincial authorities for the Stage I Environmental and Socioeconomic Impact Assessment for the Sulphurets property. With this Approval in Principle in hand, Newhawk will proceed immediately with the permitting process.

Preliminary reserve calculations are being completed by Watts, Griffis, McOuat using a data cutoff date of September 4, 1989. Final reserve calculations will be completed when the 1989 Phase III program is concluded. Once the reserve calculations are available, Cominco Engineering Services Limited will incorporate the final components into the Feasibility Study. Newhawk expects the study to be delivered by year end.

NEWHAWK GOLD MINES LTD.
Per:


Donald A. McLeod,
President

The Vancouver Stock Exchange has neither approved nor disapproved the information contained herein.

## NEWHAWK GロLD MINES LTD.

15 August, 1989<br>TSE: NHG<br>NEWS RELEASE 89-15<br>VSE: NHG

SULPHURETS PROPERTY
Newhawk Gold Mines Ľd. 60\% - Granduc Mines Ltd. 40\%

VANCOUVER, B.C. - Newhawk Gold Mines Ltd. is mid-way through the 1989 Stage II program at it's Sulphurets property in northwestern British Columbia. In July, the underground program encountered an important new discovery, the R-8 zone which is close to the West zone and adjacent to the UTC zone.

Underground drilling has now successfully intersected the $R-8$ structure on three sections. In addition to a crosscut through the zone, three underground drill holes on section $199+80 \mathrm{~N}$ were reported July 25,1989 . Results of follow-up drill holes that have penetrated the zone are tabulated below:

| Section | Hole No. | Dip | From (ft) | To | $\begin{gathered} \text { Core * } \\ \text { Length (ft) } \end{gathered}$ | $\begin{aligned} & \text { Gold } \\ & \text { oz/ton } \end{aligned}$ | $\begin{aligned} & \text { Silver } \\ & \text { oz/ton } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $199+70 \mathrm{~N}$ | U-89-282 | $-10^{\circ}$ | 94.3 | 101.1 | 6.8 | 0.412 | 12.68 |
|  | U-89-283 | $-42^{\circ}$ | 164.9 | 207.4 | 42.5 | 0.274 | 7.27 |
|  | and |  | 247.4 | 264.1 | 16.7 | 0.221 | 8.10 |
| $200+00 \mathrm{~N}$ | U-89-348 | $+55^{\circ}$ | 39.7 | 45.0 | 5.3 | 1.307 | 87.64 |
|  | U-89-349 | $-46^{\circ}$ | 139.7 | 144.7 | 5.0 | 0.450 | 1.47 |
|  | and |  | 154.5 | 173.9 | 19.3 | 0.851 | 9.36 |
|  | and |  | 188.6 | 221.3 | 32.7 | 1.036 | 30.77 |
|  | and |  | 230.1 | 247.9 | 17.8 | 0.779 | 22.22 |
|  | and |  | 270.7 | 285.4 | 14.7 | 0.160 | 12.06 |
| $200+10 \mathrm{~N}$ | U-89-290 | $+18^{\circ}$ | 23.8 | 35.2 | 11.4 | 0.653 | 9.86 |
|  | U-89-293 | $-50^{\circ}$ | 343.5 | 365.8 | 22.3 | 1.026 | 7.30 |
|  | U-89-291 | $-27^{\circ}$ | 49.1 | 72.7 | 23.6 | 4.100 Uncut | 19.62 |
|  |  |  |  |  | or | 2.401 Cut |  |
|  | U-89-292 | $-44^{\circ}$ | 71.4 | 156.0 | 84.6 | 7.479 Uncut | 41.52 |
|  |  |  |  |  | or | 3.489 Cut |  |
|  | U-89-346 | $+54^{\circ}$ | 66.9 | 77.5 | 10.6 | 0.389 | 18.90 |

* True width of the $R-8$ zone is estimated to vary between 5 and 23 feet.

Uncut: Values as high as 73.497 oz/ton gold across 2.8 feet occured within the intercept in Hole U-89-292.

Cut: Gold grade has been cut to 10.00 ounces per ton
Pulps and rejects from hole $U-89-292$ have been re-assayed by an independent commercial assay laboratory. The weighted averages of the pulps and the rejects compare very favourably with a variation of less than $5 \%$ from the original average cited above.

The $R-8$ zone is open in all directions and it may be related to the adjacent UTC zone. The R-0 stwuこtire has so far returned consistently high-grade values from an area located close to existing workings and could provide a very important additional tonnage of easily mineable high-grade gold-silver ore. Drilling of the R-8 zone will continue when current drill results have been assimilated and plans for a follow up campaign are complete. Drilling on the West zone is about $50 \%$ complete and results will be published shortly.

NEWHAWK GOLD MINES LTD.,
Per:


Donald A. McLeod, President

The Vancouver Stock Exchange has neither approved nor disapproved the information contained herein.

# NEWHAWK GOLD MINES LTD. 

29 August, 1989<br>NEWS RELEASE 89-14

TSE: NHG
VSE: NHG

## Sulphurets Property

As part of the 1989 Stage II exploration program at the Sulphurets property, the Sulphurets Joint Venture (Newhawk Gold Mines Ltd. 60\%, Granduc Mines Ltd. $40 \%$ ) is completing a 23,000 foot underground diamond drilling campaign. The program is testing the west zone from the decline between the 1250 and 1200 levels and below. The following results from the program indicate the high degree of success and have verifed the continuity of the West zone at and below the 1200 level.

| Section | Hole | Dip | From | To | Core Length (feet) | $\begin{gathered} \text { Gold } \\ \text { oz/ton } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Silver } \\ & \text { oz/ton } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $51+00 s$ | U-89-294 | $-9^{\circ}$ | 138.5 | 144.7 | 6.2 | 0.478 | 2.39 |
|  |  | and | 155.4 | 166.7 | 11.3 | 0.703 | 7.64 |
|  |  | and | 242.6 | 258.5 | 15.9 | 0.312 | 1.47 |
|  |  | and | 268.4 | 282.0 | 13.6 | 0.639 | 12.16 |
| (1200) * | U-89-295 | $-29^{\circ}$ | 186.3 | 201.6 | 15.3 | 1.451 | 1.53 |
|  |  | and | 278.5 | 287.0 | 8.5 | 0.547 | 27.87 |
|  |  | and | 292.0 | 296.9 | 4.9 | 2.737 | 2.43 |
|  | U-89-296 | $-43^{\circ}$ | 310.8 | 324.7 | 13.9 | 0.201 | 8.29 |
| (1250) * | U-89-298 | $-30^{\circ}$ | 63.6 | 70.7 | 7.1 | 0.469 | 20.34 |
|  |  | and | 138.9 | 142.7 | 3.9 | 0.151 | 13.41 |
| (1250) * | U-89-299 | $-30^{\circ}$ | 40.8 | 43.9 | 1.1 | 0.115 | 12.55 |
|  |  | and | 94.5 | 126.0 | 31.5 | 3.939 | 17.28 |
|  |  | and | 225.0 | 227.7 | 2.7 | 0.314 | 17.35 |
|  | U-89-345 | $-12^{\circ}$ | 23.6 | 28.5 | 4.9 | 0.387 | 0.62 |
|  |  | and | 36.9 | 42.3 | 5.4 | 0.157 | 14.80 |
|  |  | and | 55.8 | 60.7 | 4.9 | 0.178 | 9.52 |
|  |  | and | 102.5 | 109.6 | 7.1 | 0.715 | 31.34 |
|  |  | and | 363.7 | 384.8 | 21.1 | 0.279 | 19.32 |
| $51+10 \mathrm{~S}$ | U-89-300 | $-13^{\circ}$ | 50.0 | 53.0 | 3.0 | 0.158 | 13.46 |
|  |  | and | 122.3 | 132.6 | 10.3 | 0.545 | 48.62 |
|  | U-89-301 | -39 ${ }^{\circ}$ | 127.5 | 143.0 | 15.5 | 1.149 | 32.99 |
|  | U-89-306 | -44 ${ }^{\circ}$ | 338.6 | 348.4 | 9.8 | 6.570 | 4.46 |
| $51+20 \mathrm{~S}$ | U-89-307 | +21 ${ }^{\circ}$ | 174.2 | 190.6 | 16.4 | 0.100 | 17.28 |
|  | U-89-308 | $+3^{\circ}$ | 260.0 | 266.2 | 6.2 | 0.628 | 12.89 |
|  | U-89-309 | $-14^{\circ}$ | 250.9 | 256.3 | 5.4 | 0.410 | 1.00 |
|  |  | and | 281.6 | 305.5 | 23.9 | 0.284 | 4.82 |
|  |  | and | 321.3 | 327.6 | 6.3 | 0.681 | 67.72 |
|  | U-89-310 | $-46^{\circ}$ | 311.7 | 316.6 | 4.9 | 2.859 | 2.13 |
|  |  | and | 346.1 | 351.0 | 4.9 | 0.412 | 9.51 |
|  | U-89-312 | $-6^{\circ}$ | 129.6 | 136.2 | 6.6 | 2.012 | 109.25 |
|  |  | and | 223.1 | 229.7 | 6.6 | 0.115 | 7.66 |
|  |  | and | 373.0 | 402.9 | 29.9 | 0.819 | 9.87 |
|  | U-89-313 | -29 ${ }^{\circ}$ | 126.0 | 136.8 | 10.8 | 0.163 | 20.81 |
|  | U-89-314 | $-37^{\circ}$ | 133.4 | 152.3 | 18.9 | 0.427 | 33.62 |

* Holes 295 and 299, while drilled on the same section, are collared at different elevations, 1200 m and 1250 m respectively. Hole 298 was drilled from the end of a crosscut on the 1250 m level, Hole 299 was drilled from the decline on that level.


Drilling is continuing and further results from the west zone drilling program will be reported when they are available. Management has recommended that the decline, now completed to the 1200 level, be extended to the 1150 level. That extension will allow the newly discovered $R-8$ zone to be drilled north of Section 200+10 where U-89-292 intersected 84.6 feet of 7.479 ounces of gold per ton and 41.52 ounces of silver per ton. The decline is planned to cross $\mathrm{R}-8$ into the hangingwall side so that $\mathrm{R}-8$ may also be drilled to depth. It is expected that once the current drilling program is complete in early September, work would commence immediately to extend the decline.

NEWHAWK GOLD MINES LTD.
Per:


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The Vancouver Stock Exchange has neither approved nc disapproved the information contained herein.

## NEWHAWK GOLD MINES LTD.

July 25, 1989
TSE: NHG
News Release 89-13
VSE: NHG

The 1989 Stage II Program at Sulphurets commenced on June 1, 1989 and is proceeding extremely well with 1185 feet of decline completed to the 1200 level, and a two-machine 23,000 foot underground diamond drill program started on July 18.

A short cross-cut driven from the bottom of the decline discovered a new zone, named the R-8 Zone, at the 1200 level. Sampling of this structure returned the following:

| North Wall | $\frac{\mathrm{Au} \mathrm{oz/t}}{1.19{ }^{*}}$ | $\frac{\mathrm{Ag} \mathrm{oz/t}}{56.64}$ | $\frac{\text { True Width (feet) }}{10.9}$ |
| :---: | :---: | :---: | :---: |
| (* High gold cut to 2.0 oz.) |  |  |  |
| South Wall | $\frac{\mathrm{Au} \mathrm{oz/t}}{0.574}$ | $\frac{\mathrm{Ag} \mathrm{oz/t}}{11.13}$ | $\frac{\text { True Width (feet) }}{17.9}$ |

Results of the first three diamond drill holes which penetrated the R-8 structure, 65 feet south of the crosscut, are tabulated below:

| HOLE NO | DIP |  | Au oz/t |  | Ag oz/t |
| ---: | :--- | ---: | ---: | ---: | ---: |

The R-8 structure has now been drilled through a vertical distance of 150 feet and remains open up and down dip and along strike in both directions. Holes drilled on an adjacent section 100 feet to the north, or 35 feet north of the crosscut, have visually returned excellent mineralization. Assays will be reported as they are received.

The $R-8$ structure consists of a series of parallel quartz veins which contain tetrahedrite, argentite, electrum, gold, sphalerite, ruby silver, and chalcopyrite. This structure is well defined and very regular in appearance in the cross-cut.

A significant intersection of $0.401 \mathrm{oz} / \mathrm{t} \mathrm{Au}$ and $1.62 \mathrm{oz} / \mathrm{t}$ Ag over an estimated true width of 30 feet was also intersected in U-89-286 adjacent to $\mathrm{R}-8$, and is interpreted to be the UTC Zone.

Drilling is continuing to explore the R-8 and U.T.C. Zones, with emphasis on defining the dimensions and potential tonnage of these two important structures. The U.T.C. Zone has been previously intersected by surface and underground diamond drilling, with significant intersections which were reported in News Release \# 89-10, 88-18, 88-17.

NEWHAWK GOLD MINES LTD.
Per:

D.A. McLeod

President

The Vancouver Stock Exchange has neither approved nor disapproved the information contained herein.

