

MAP NO.: ASSESSMENT REPORT X  
105 D 6 PROSPECTUS X  
CONFIDENTIAL X  
OPEN FILE

DOCUMENT NO: 092746  
MINING DISTRICT: Whitehorse  
TYPE OF WORK: Trenching, Road Building

REPORT FILED UNDER: New Era Developments Limited

DATE PERFORMED: 27 May - 26 June, 1989

DATE FILED: 22 August, 1989

LOCATION: LAT.: 60°19'N

AREA: Idaho Hill

LONG.: 135°02'W

VALUE \$: 15 157.58

CLAIM NAME & NO.: DUMB DONKEY 1-50 (Y75332, Y75437-9, Y75555-63, Y75565, Y75570-72, Y75574-85, Y75630-34, Y75807-9, Y91018-19, YA3970); NEW 1-39 (YA3971-4, YA82083-112, YA92663-71); SAIL 1-41 (Y93107-8, YA25395-9, YA48196-8, YA75800-05, YA92057-81)

WORK DONE BY: R.T. Henneberry

WORK DONE FOR: New Era Developments Ltd

DATE TO GOOD STANDING:


REMARKS: #37 UNION MINES

In 1989 new access roads were built, five showings were resampled and the #4 showing was exposed by bulldozer and blast trenching. Mineralization consists of arsenopyrite, galena and sphalerite disseminated in three northwest-striking veins which are exposed over a strike length of 40 m. A grab sample from the #4 zone assayed 541 g/t Ag.1

R.TIM HENNEBERRY, FGAC, Consulting Geologist

404 Cambridge Way Port Moody, B.C. V3H-3V2 (604) 931-5396

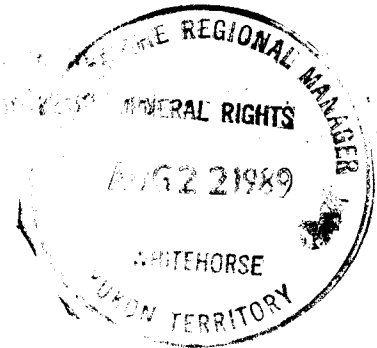
INTERIM ASSESSMENT REPORT  
1989 STAGE I EXPLORATION PROGRAM

IDAHO HILL PROPERTY  
(Dumb Donkey and Sail Claims)

WHEATON RIVER DISTRICT

YUKON TERRITORY

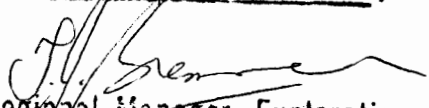
NTS Sheet : 105D/6  
For: New Era Developments Limited  
212-260 West Esplanade Street  
North Vancouver, B.C.



R.Tim Henneberry, FGAC  
July 11, 1989

092746

This report has been examined by  
the Geological Evaluation Unit  
under Section 5a (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 15,157.58.

  
Regional Manager, Exploration and  
Geological Services for Commissioner,  
of Yukon Territory.

0678

SUMMARY

New Era Development Limited's Idaho Hill property is presently under option from Avid Gold Resources Inc. The property lies in the northeastern extremity of the Wheaton River Precious Metal District, southwest of Whitehorse, Yukon.

A three phase exploration program has been proposed for the 1989 season. This report is a documentation of Phase A, completed for assessment credit. Total cost of Phase A is \$15,157.58.

The Phase A program consisted of cleaning and sampling most of the known showings, cleaning and upkeep of the main access road, construction of a new road, eventually planned to reach the top of Idaho Hill, and cat trenching of Number 4 Showing.

All showings returned silver values in the 1-3 ounce per ton range with significant lead and zinc. Gold values were generally low (> 0.050 oz./ton).

The new road intersected some sulfide-bearing quartz talus, suggesting the presence of vein structures higher up Idaho Hill.

The remaining 2 phases of the 1989 exploration program should be completed. Phase B will consist of a soil geochemistry grid extending over and between the known zones of mineralization. Phase B is estimated to cost \$52,900.00. Phase C, consisting of road building and excavator trenching over soil anomalies and the known zones of mineralization, is estimated to cost \$33,600.00. The total budget for the remaining 1989 exploration program is approximately \$86,500.00.

TABLE OF CONTENTS

INTRODUCTION..... 3  
LOCATION, ACCESS..... 5  
PROPERTY HOLDINGS..... 7  
PREVIOUS EXPLORATION..... 8  
REGIONAL GEOLOGY..... 10  
PROPERTY GEOLOGY..... 12  
1989 EXPLORATION PROGRAM..... 14  
    Road Building..... 14  
    Number 1 Showing..... 16  
    Number 3 Zone..... 18  
    Number 4 Showing..... 20  
    Number 5 Showing..... 22  
    Number 6 Zone..... 24  
DISCUSSION..... 26  
CONCLUSIONS AND RECOMMENDATIONS..... 27  
COST ESTIMATES..... 28  
STATEMENT OF COSTS..... 30  
REFERENCES..... 31  
STATEMENT OF QUALIFICATIONS..... 32

APPENDIX. Sample Descriptions and Assay Results

LIST OF FIGURES

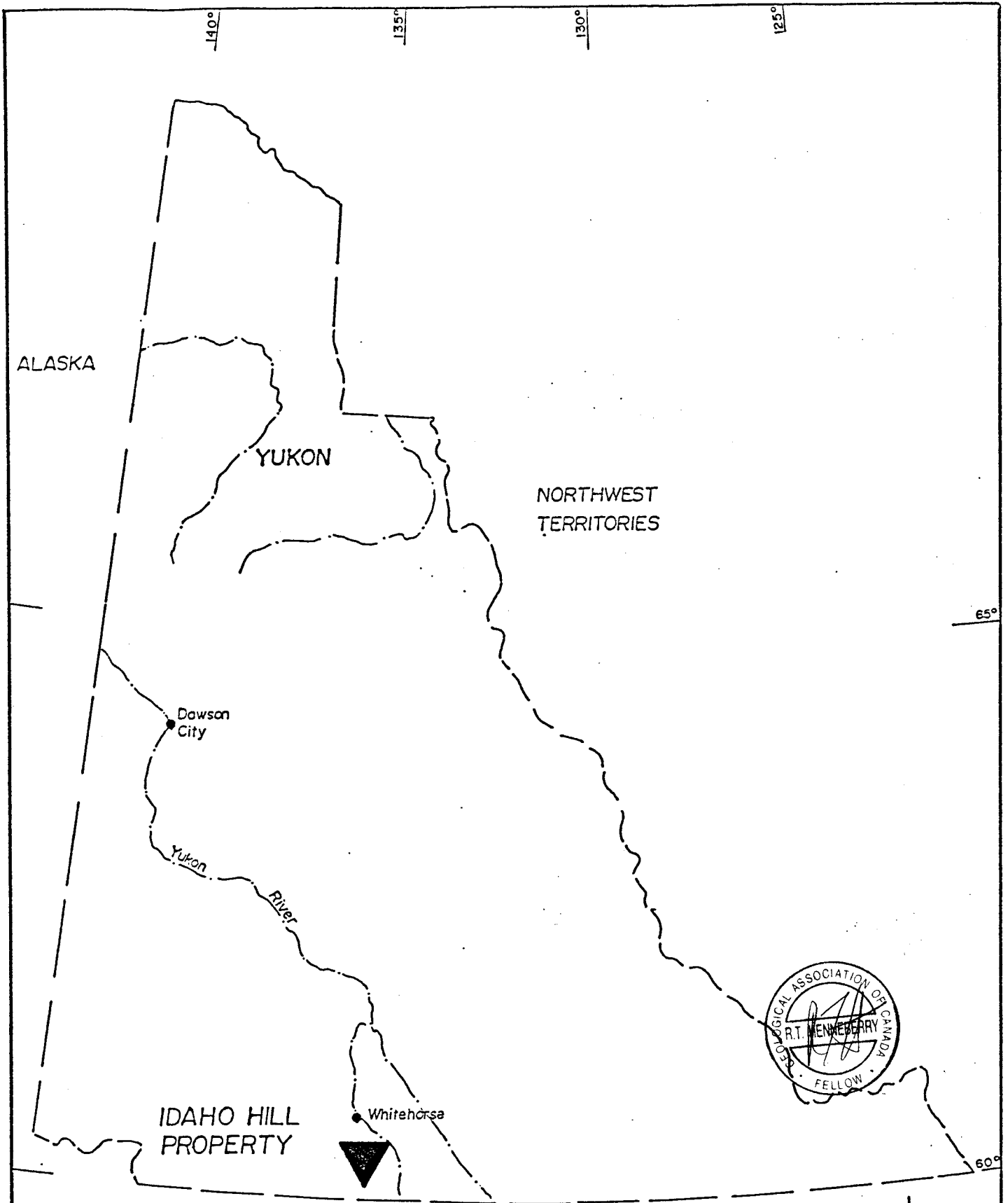
Figure 1. Property Location..... 4  
Figure 2. Property Holdings..... 6  
Figure 3. Regional Geology..... 9  
Figure 4. Property Geology..... 11  
Figure 5. Location of Main Showings..... 13  
Figure 6. Number 1 Showing..... 15  
Figure 7. Number 3 Zone..... 17  
Figure 8. Number 4 Showing..... 19  
Figure 9. Number 5 Showing..... 21  
Figure 10. Number 6 Zone..... 23

## INTRODUCTION

The Idaho Hill property lies on the northeastern extremity of the Wheaton River Precious Metals District. This property hosts some of the oldest known workings in the District, including the Union Mines Property.

The Wheaton River Precious Metals District hosts at least 2 significant deposits: the Total Energold / AGIP Mt. Skukum Gold Mine (production of 81,067 oz. of gold from 193,000 tons through 1987) and the Omni Resources Inc. Skukum Creek Property (published reserves of 821,000 tons grading 0.23 oz./ton Au and 8.9 oz./ton Ag). Numerous juniors are also active developing several exciting discoveries including: the Skukum Gold / Berglynn Resources Goddell Gully Property, the Academy Resources Mt. Wheaton Property, the Adastral Resources Goat Property and the New Era Developments Red Ridge Property.

This report has been prepared as a requirement of the Yukon Quartz Act for assessment credits. The work detailed in this report was completed between May 27 and June 26, 1989, though the prospector/ owner has worked intermittently throughout the year.



NEW ERA DEVELOPMENTS LTD.  
IDAHO HILL PROPERTY  
LOCATION MAP

DRAWN BY: RTHenneberry  
DATE : JULY 1989 FIGURE : 1

## LOCATION, ACCESS

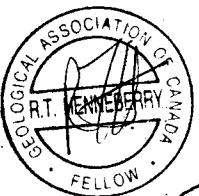
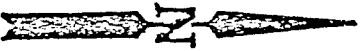
The Idaho Hill property is located in the southwestern Yukon Territory, approximately 40 kilometres south of Whitehorse (Figure 1). Geographic co-ordinates are  $60^{\circ} 19' N$  latitude and  $135^{\circ} 02' W$  longitude.

Access to the property is provided by gravel road to Annie Lake from the Whitehorse-Carcross Highway, and then by 4-wheel drive road along Schnabel Creek. 4-wheel drive roads also lie along the east base of Folle Mountain and Idaho Hill. A new 4-wheel drive road was commenced to eventually connect Schnabel Creek with the top of Idaho Hill.

The property covers parts of Folle Mountain, Mount Bush, and Mount Perkins and most of Idaho Hill. The rugged topography is typical of the Coast Mountains with elevations ranging from 920 metres to 1980 metres above sea level. Most of the property appears to be accessible to foot traverses.

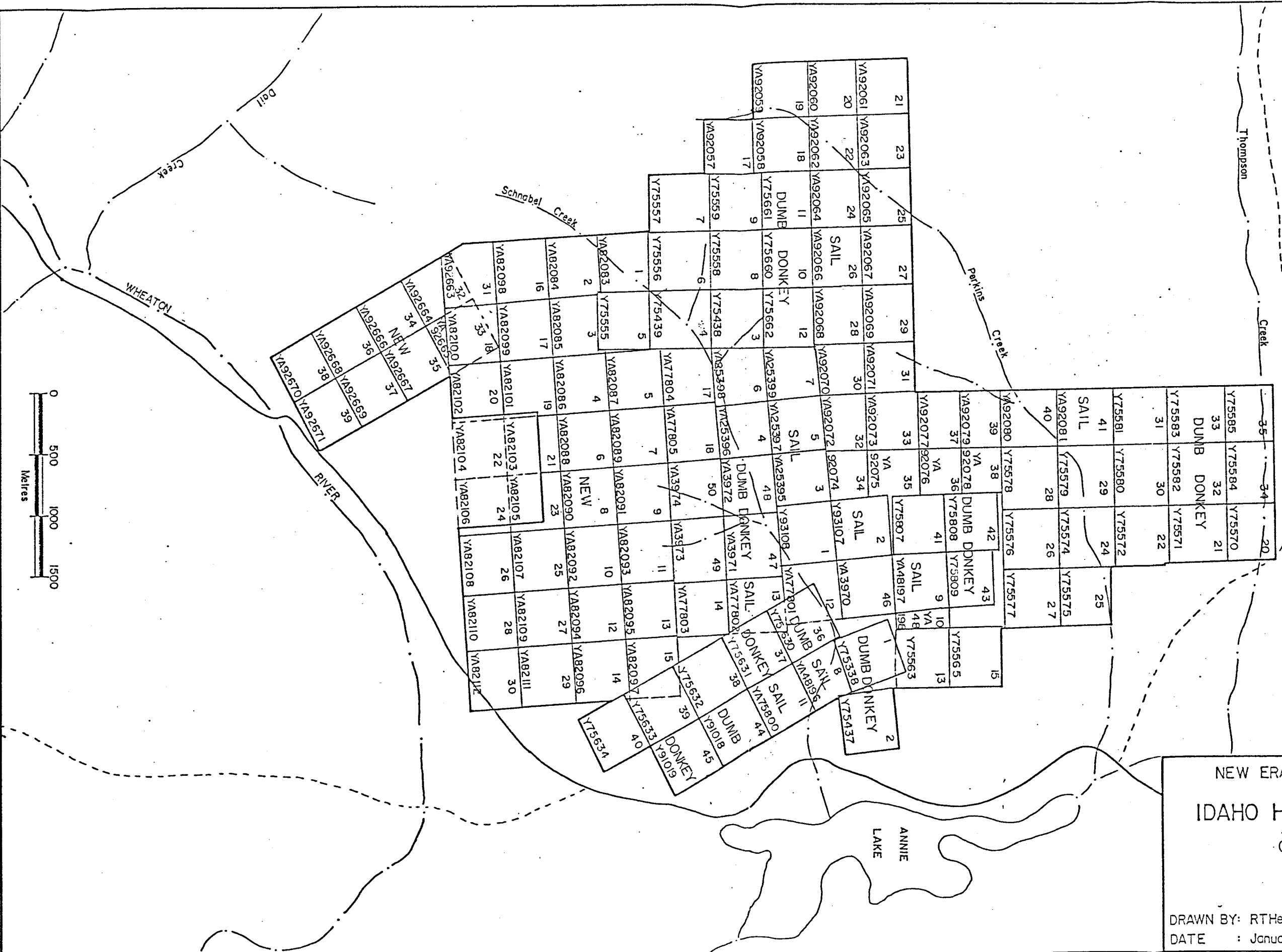
The climate is variable with hot summers and long, cold winters. Precipitation is light, averaging about 40 centimetres annually with heavy snowfalls occurring during the winter months. Vegetation consists of stunted spruce and poplar with alpine shrubs and grasses above 1150 metres elevation. Ridge tops are usually covered with felsenmeer.

4-wheel drive road access for mechanical trenching and diamond drilling has been established to most of the known showings. Drilling water will have to be pumped or trucked up significant vertical distances.



NEW ERA DEVELOPMENTS  
 IDAHO HILL PROPERTY  
 CLAIM MAP

DRAWN BY: RTHenneberry SCALE: 1:31,680  
 DATE: January 1989 FIGURE: 2



PROPERTY HOLDINGS

The Idaho Hill property consists of 124 contiguous two-post mineral claims covering approximately 2589 hectares (Figure 2).

Claim Name	Grant Numbers	Record Year	Expiry Date
Dumb Donkey 1	Y75332	1973	June 26, 1992
Dumb Donkey 2	Y75437	1973	June 26, 1992
Dumb Donkey 3- 4	Y75438- Y75439	1973	June 26, 1993
Dumb Donkey 5-12	Y75555- Y75562	1973	June 26, 1993
Dumb Donkey 13	Y75563	1973	June 26, 1992
Dumb Donkey 15	Y75565	1973	June 26, 1992
Dumb Donkey 20-22	Y75570- Y75572	1973	June 26, 1992
Dumb Donkey 24-27	Y75574- Y75577	1973	June 26, 1992
Dumb Donkey 28-31	Y75578- Y75581	1973	June 26, 1993
Dumb Donkey 32-35	Y75582- Y75585	1973	June 26, 1992
Dumb Donkey 36-40	Y75630- Y75634	1973	June 26, 1992
Dumb Donkey 41-42	Y75807- Y75808	1973	June 26, 1993
Dumb Donkey 43	Y75809	1973	June 26, 1992
Dumb Donkey 44-45	Y91018- Y91019	1978	June 26, 1992
Dumb Donkey 46	YA3970	1978	June 26, 1992
Dumb Donkey 47-50	YA3971- YA3974	1978	June 26, 1993
New 1-30	YA82083-YA82112	1984	November 01, 1989
New 31-39	YA92663-YA92671	1985	November 01, 1989
Sail 1- 2	Y93107- Y93108	1979	June 26, 1993
Sail 3- 7	YA25395-YA25399	1979	June 26, 1993
Sail 8	YA48196	1979	June 26, 1992
Sail 9	YA48197	1979	June 26, 1993
Sail 10	YA48198	1979	June 26, 1992
Sail 11-12	YA75800-YA75801	1982	June 26, 1992
Sail 13-16	YA75802-YA75805	1982	June 26, 1993
Sail 17-41	YA92057-YA92081	1986	June 21, 1990

The New Claims are owned by Havilah Gold Mines (a wholly owned subsidiary of New Era Developments Limited). The Dumb Donkey and Sail claims are under option to New Era from Avid Gold Resources Inc.

## PREVIOUS EXPLORATION

The Idaho Hill property has undergone sporadic exploration since the initial discovery of precious metal veins on the east face of Idaho Hill. The claims were first staked in 1893, becoming the Union Mines property in 1903. Early exploration consisted of surface trenching and blasting including a small shipment of 10 tons assaying \$20.00 per ton. (Cairnes, 1908).

By 1930, most of the present adit development had been completed on the claims (now known as the Export Group and the Cariboo Group) including the adits on the Number 3, Number 4, and Number 5 showings. Assay results as high as 127 oz./ton Ag and 49% Pb were reported. (Cockfield, 1930).

The main adit on Number 1 showing was completed by 1946 (Wheeler, 1961). The owners of Avid Gold Resources Inc. began to acquire the property by staking in the late 1960's. Assessment work has been on-going since this time, consisting primarily of road-building and blasting open-cuts and trenches. Sections of the property have been optioned to different groups and individuals since the 1960's.

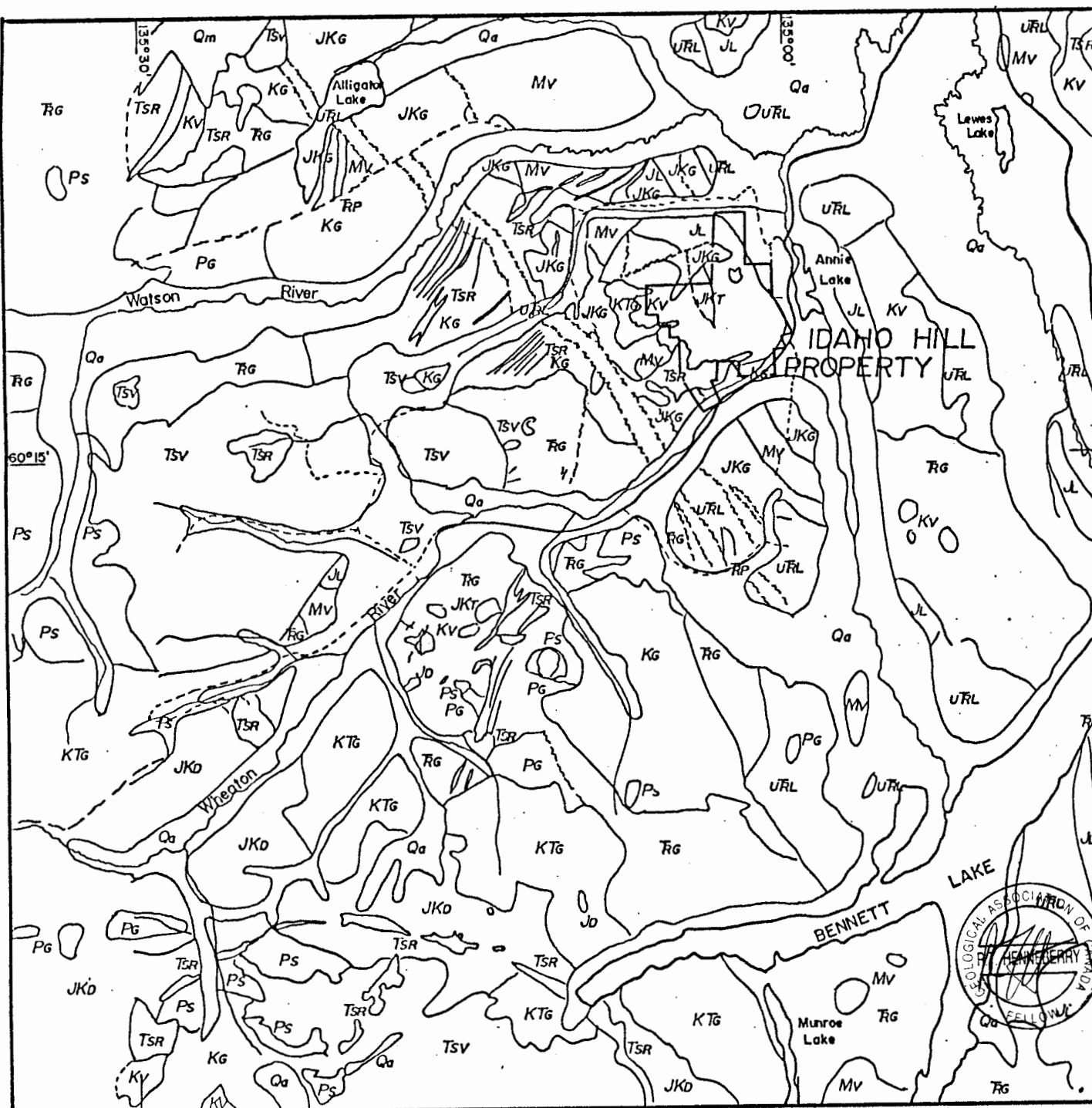
Cominco conducted a mapping and sampling program on the known showings in 1964. A.R. Parker and Associates conducted a program of geochemistry and geophysics, followed by limited cat trenching over the known showings in 1969. (Timmins, 1979).

In June, 1979 the property was examined by Timmins for Annie Lake Mines. He recommended a program of geological mapping, geochemical and geophysical surveying and trenching and road building. This program was undertaken during 1980.

The 1980 exploration program consisted of sampling of the known showings, trenching in the area of Number 1 showing (the 1946 adit) and a VLF-EM and magnetometer survey over the area of the known showings. Further exploration, including diamond drilling was recommended, though this work was not carried out. (Cruz and Basco, 1980).

The property was the subject of an evaluation report for Avid Gold Resources Inc. (the present owners) in 1985. This report was a compilation of the existing data to date, adding no new information. (MacDonald, 1985).

New Era Developments optioned the property in early 1989. This report is the documentation of the 1989 Phase A exploration program.



### LEGEND

- QUATERNARY**  
 Qm Miles Canyon Basalt  
 Qa Alluvium
- TERTIARY**  
 Tsr Skukum Group rhyolite intrusives  
 Tsv Skukum Group rhyolite to andesite volcanics
- Late CRETACEOUS and TERTIARY**  
 Ktg Monzonite to granite  
 Kv Felsic to intermediate volcanics
- CRETACEOUS**  
 Kg Coast Intrusions granodiorite, granite, monzonite
- JURASSIC and CRETACEOUS**  
 Jkg Granodiorite  
 Jkt Tantalus Formation sediments  
 Jkd Diorite
- Lower to Middle JURASSIC**  
 Jl Laberge Group sediments  
 Jd Friday Creek Diorite
- Upper TRIASSIC to JURASSIC**  
 Rp Pyroxenite, gabbro  
 Rg Granite, granodiorite  
 Url Lewes River Group clastics, volcanics, carbonates  
 Mv Andesitic volcanics
- PALEOZOIC and Older**  
 Pg Granodiorite  
 Ps Gneiss schist marble
- Modified from: Dougherty and Hart (1988)  
 Wheeler (1961)



NEW ERA DEVELOPMENTS  
 IDAHO HILL PROPERTY  
 REGIONAL GEOLOGY

DRAWN BY: RT Henneberry    SCALE: 1: 250,000  
 DATE: January 1989    FIGURE: 3



REGIONAL GEOLOGY  
(Summarized from Doherty and Hart, 1988)

The Idaho Hill property lies on the eastern flank of the Coast Plutonic Belt. Regionally, the Wheaton River Precious Metal District is underlain by a Jurassic-Triassic volcano-sedimentary package intruded by the Cretaceous Coast Plutonic Complex. These units are conformably overlain by the Tertiary Skukum Group volcanics. Precious metal mineralization is hosted in quartz veins and shear zones intimately associated with hypabyssal intrusives associated with the Skukum Group volcanics. (Figure 3).

The basal unit of the Jurassic-Triassic assemblage includes andesitic flows and breccias outcropping throughout the District. These flows are overlain by the late-Triassic Lewes River Group andesitic flows and tuffs, with lesser siliclastic sedimentary rocks and limestones. Some metamorphism has been noted in the sedimentary rocks.

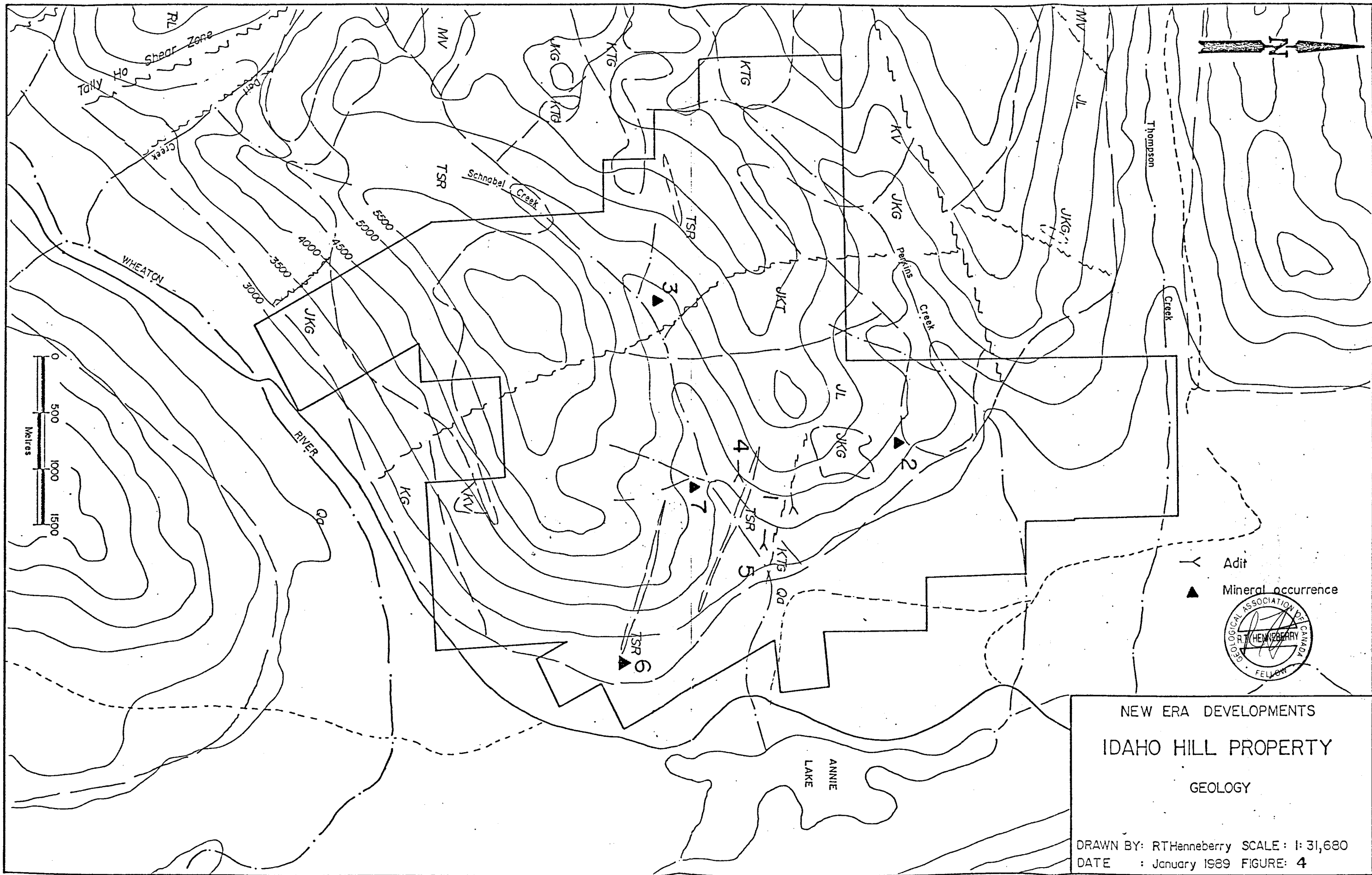
Disconformably overlying the Lewes River Group are the Jurassic Laberge Group and Tantalus Formation. The Laberge Group consists of siliclastic sedimentary rocks with minor andesite. The Tantalus Formation is comprised of finer siliclastic rocks including chert pebble conglomerates and coal.

The Jurassic-Triassic assemblage has been intruded by quartz monzonites, granites, granodiorites and diorites of the Cretaceous Coast Plutonic Complex. The Jurassic-Triassic package and the Coast Plutonic Complex outcrop throughout the district.

The Skukum Group volcanics unconformably overlie the older units. The Group is comprised of felsic pyroclastics, tuffs and flows, andesitic flows and breccias, dacite flows, basalt and volcanoclastic sediments. Associated low level intrusives complete the Skukum Group lithologies. The Skukum Group volcanics are confined to the western half of the District, while the low level intrusives outcrop throughout the District.

The youngest units are the Quaternary Miles Canyon Basalt and alluvium deposits.

Mineralization has been documented in most of the rock units, but appears to be spatially related to the Skukum Group low level intrusives. Precious metal mineralization is confined to steep to shallow dipping shear zones and quartz/carbonate veins.



NEW ERA DEVELOPMENTS  
 IDAHO HILL PROPERTY  
 GEOLOGY

DRAWN BY: RTHenneberry SCALE: 1:31,680  
 DATE: January 1989 FIGURE: 4

PROPERTY GEOLOGY

The Idaho Hill property has not been mapped at a property scale. The little mapping that has been completed has been confined to the immediate showing areas. The map (Figure 4) and accompanying description is taken from Doherty and Hart (1988).

The Idaho Hill property (Figure 4) is underlain by Jurassic Laberge Group clastic sediments and minor porphyritic andesite overlain by Jurassic-Cretaceous Tantalus Formation conglomerates. A major fault separates these units from Cretaceous felsic to intermediate volcanics. Several phases of the Jurassic-Cretaceous Coast Plutonic Complex intrude these units. A large Tertiary rhyolite porphyry plug and related dykes intrude the southern half of the property. Seven distinct occurrences (mineralized showings) have been located on the property. Mineralization appears to be structurally controlled precious metal veins genetically linked to the Tertiary rhyolite dykes.

Number 1 Showing includes the old Union Mine Showing on the east side of Idaho Hill. Quartz/calcite veins and stringers and silicified shears are hosted by rusty greywackes and arkoses of the Laberge Group.

Number 2 Showing lies on the east side of Idaho Hill, south of Perkins Creek. Disseminated sulfide mineralization lies within gossanous Laberge sediments.

Number 3 Zone lies on upper Schnabel Creek, immediately west of the major fault. A rusty rhyolite dyke / quartz vein alteration zone is hosted by andesitic volcanics.

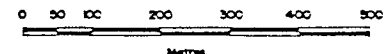
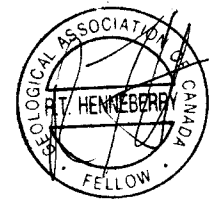
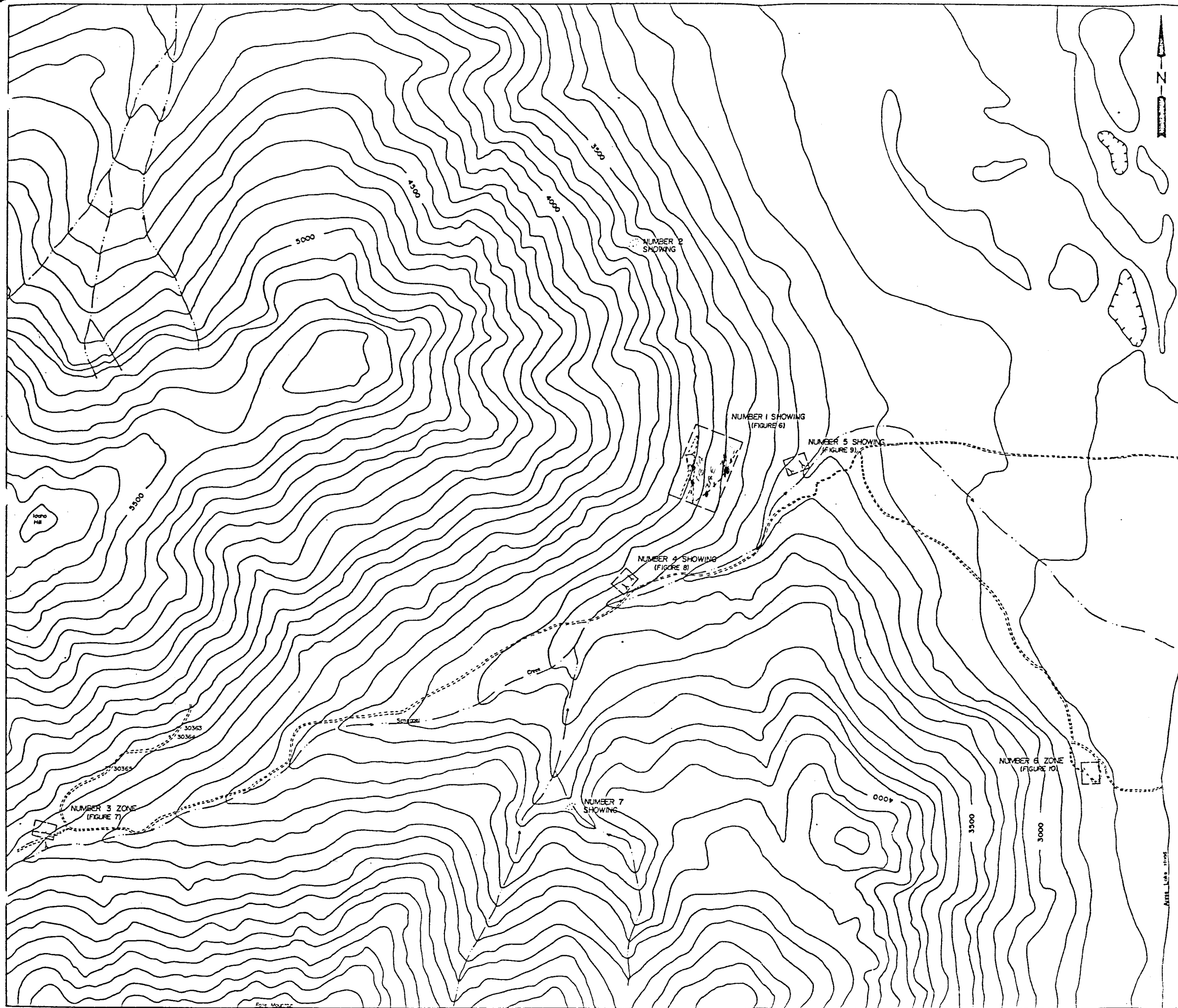
Number 4 Showing lies on Schnabel Creek, 1.5 kilometres east of Number 3 Zone. Parallel sulfide/quartz veins are hosted by extremely silicified Laberge greywackes (possibly rhyolite?).

Number 5 Showing lies in Schnabel Creek Canyon, 0.5 kilometres east of Number 4 Showing. Parallel sulfide/quartz veins are hosted by weakly altered andesitic volcanics.

Number 6 Zone lies on the east face of Folle Mountain. A quartz/sulfide vein is hosted by Laberge Group greywackes.

Number 7 Zone lies on the north face of Folle Mountain. Quartz/sulfide stringers and disseminations are hosted by Laberge Group greywackes.

Mineralization consists of argentiferous galena, sphalerite, auriferous (?) arsenopyrite, and lesser chalcopyrite, pyrrhotite and pyrite.



NEW ERA DEVELOPMENTS LIMITED	
— IDAHO HILL PROPERTY —	
SHOWING LOCATIONS	
SCALE 1:5000	DRN BY R.T. HENNEBERRY
DATE JULY 1989	FIGURE 5

1989 EXPLORATION PROGRAM

The 1989 exploration program has been divided into three phases. Phase A, initial evaluation of the known showings and road building and repair has been completed. Phase B will consist of a soil geochemistry grid over an area from Number 3 Zone to Number 5 Showing on the south slope of Idaho Hill. Phase C will consist of further road building, excavator trenching of the known zones along strike and mechanical testing of geochemical anomalies.

All available sampling information has been included for each of the mineralized occurrences. The present sampling (592-- and 303--) have complete sample descriptions attached. The MS- and T- sampling was completed by Cruz and Basco (1980), while the 34-- sampling was completed by Timmins (1979). The earlier sampling has been included with each Zone with the actual location plotted if known. Sample descriptions for these samples are beyond the scope of this report.

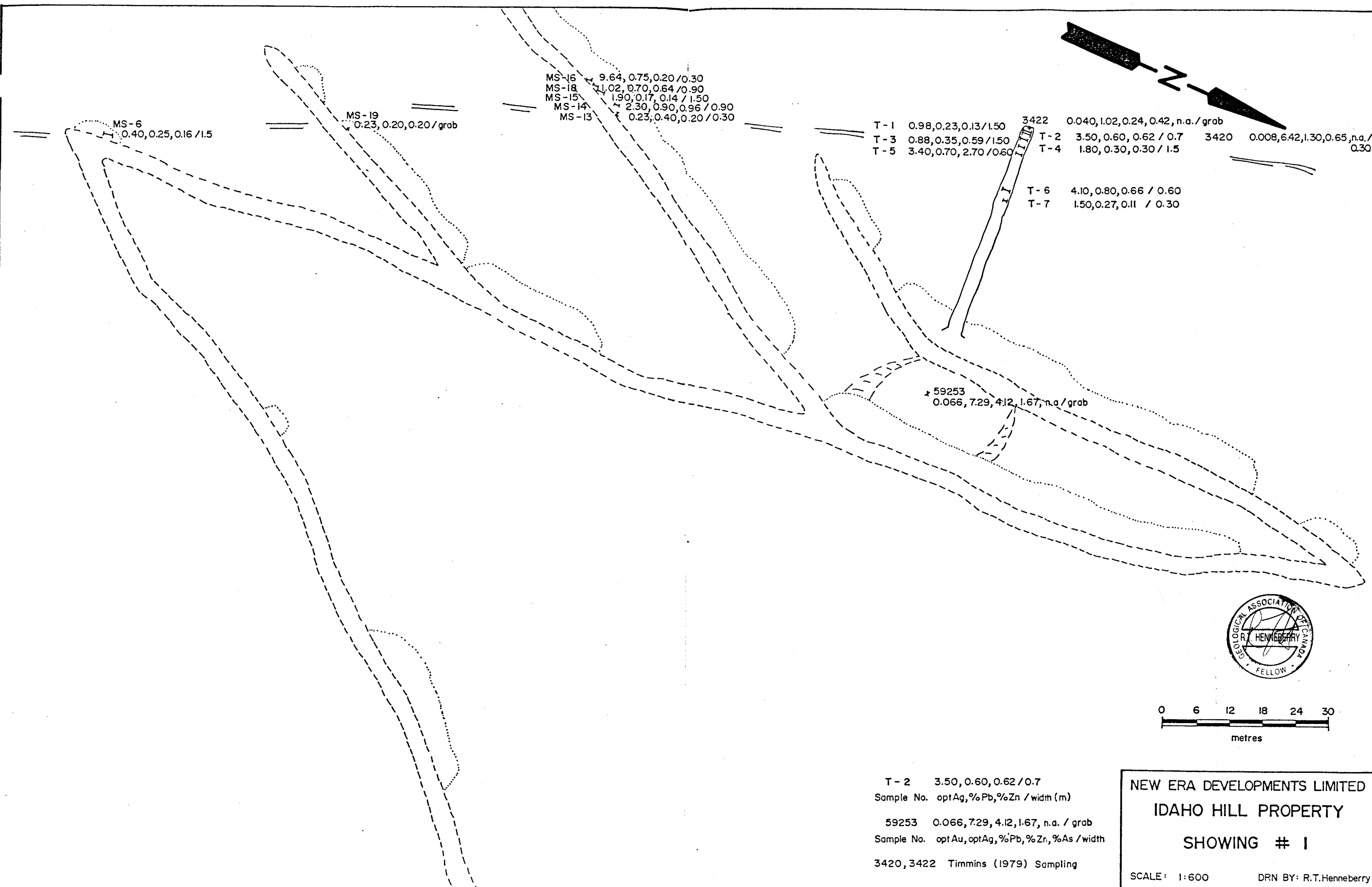
Road Building

An road was commenced from Number 3 Zone to gain access to the top of Idaho Hill. The purpose is to provide access to the south slope of Idaho Hill for the proposed geochemical survey. Approximately 625 metres was completed on the allotted machine hours. 30% of the total planned road length has been completed.

The road along Schnabel Creek was cleaned up, with considerable effort expended above the third creek crossing.

Number	Location	opt Au	opt Ag	% Pb	% Zn	% As	m width
30363		0.004	0.01	0.01	0.01	0.01	grab
30364		0.002	0.45	0.28	0.15	0.01	grab
30365		0.036	0.88	0.12	0.02	24.20	grab

Laberge Group greywackes were intersected at the end of the new road, the only outcrop noted. Three grab samples of talus were assayed. All three were samples of rusty quartz with 5% to 50% sulfides (galena, sphalerite and arsenopyrite). The location of these angular quartz/sulfide boulders indicate a vein source higher up Idaho Hill.



MS-6  
0.40, 0.25, 0.16 / 1.5

MS-19  
0.23, 0.20, 0.20 / grab

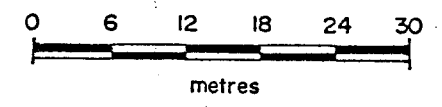
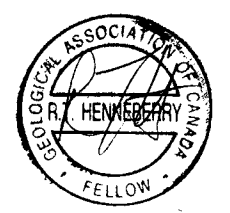
MS-16 9.64, 0.75, 0.20 / 0.30  
 MS-18 1.02, 0.70, 0.64 / 0.90  
 MS-15 1.90, 0.17, 0.14 / 1.50  
 MS-14 2.30, 0.90, 0.96 / 0.90  
 MS-13 0.23, 0.40, 0.20 / 0.30

T-1 0.98, 0.23, 0.13 / 1.50  
 T-3 0.88, 0.35, 0.59 / 1.50  
 T-5 3.40, 0.70, 2.70 / 0.60

3422 0.040, 1.02, 0.24, 0.42, n.a. / grab  
 T-2 3.50, 0.60, 0.62 / 0.7 3420 0.008, 6.42, 1.30, 0.65, n.a. / 0.30  
 T-4 1.80, 0.30, 0.30 / 1.5

T-6 4.10, 0.80, 0.66 / 0.60  
 T-7 1.50, 0.27, 0.11 / 0.30

59253  
0.066, 7.29, 4.12, 1.67, n.a. / grab



T-2 3.50, 0.60, 0.62 / 0.7  
 Sample No. optAg, %Pb, %Zn / width (m)  
 59253 0.066, 7.29, 4.12, 1.67, n.a. / grab  
 Sample No. optAu, optAg, %Pb, %Zn, %As / width  
 3420, 3422 Timmins (1979) Sampling

NEW ERA DEVELOPMENTS LIMITED  
 IDAHO HILL PROPERTY  
 SHOWING # 1  
 SCALE: 1:600 DRN BY: R.T.Henneberry  
 DATE: JULY 1989 FIGURE : 6

Number 1 Zone

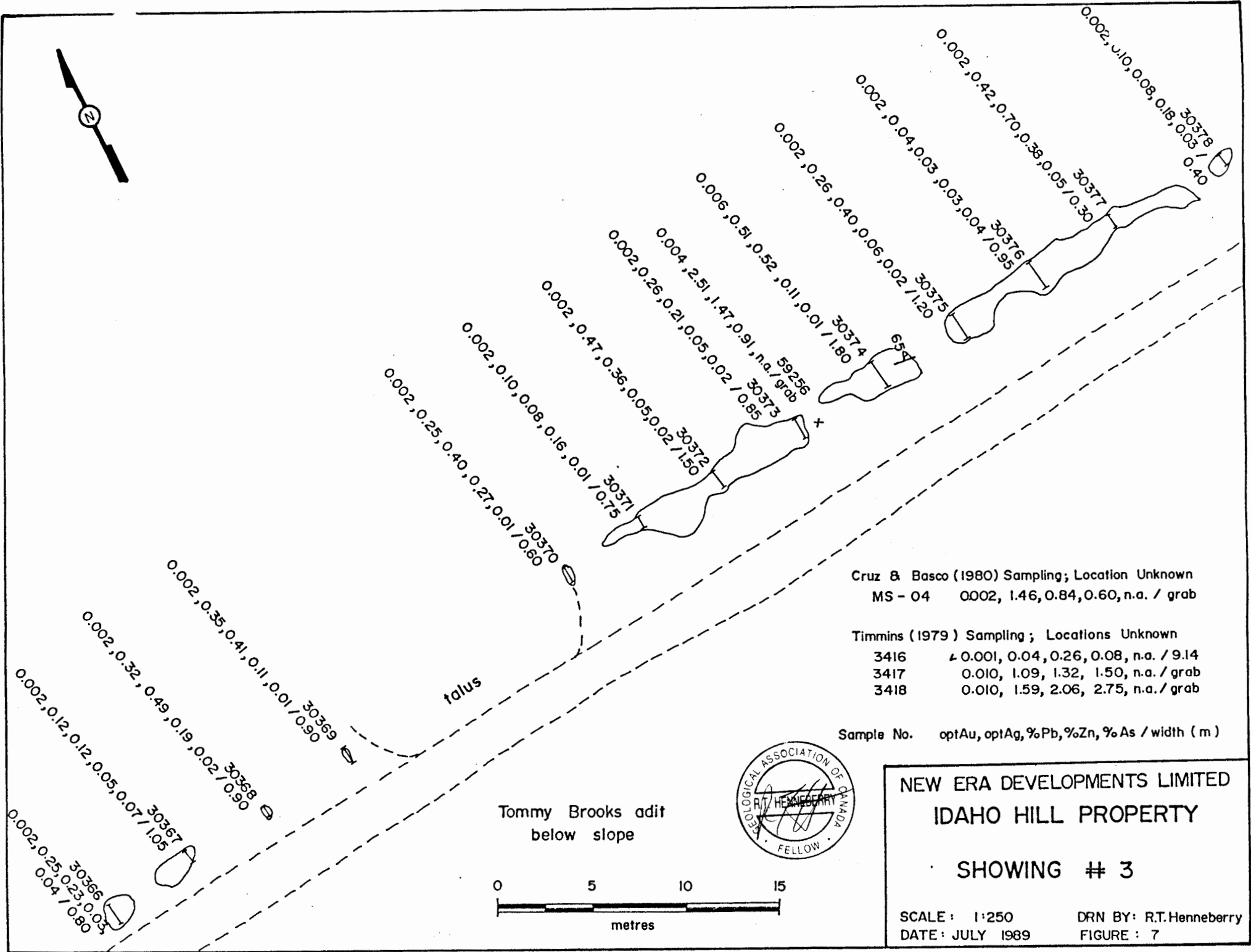
Number 1 Zone, lying on the southeastern slope of Idaho Hill, includes the old Union Mine Showing. The Zone consists of a series of parallel quartz/calcite veins and stringers over a width of 5-7 metres. This Zone was not examined during the program because the adit and trenches are presently sloughed.

Number 1 Zone is hosted by gossanous Laberge Group greywackes. The original textures and alteration are all but obliterated by the intense limonite throughout the outcrops. The strike appears to be 160/ steep NE.

The individual veins can reach widths to 2 metres, though they average 30-100 cm. Mineralization consists of disseminated to massive arsenopyrite, galena and sphalerite with lesser pyrite and pyrrhotite.

Number	Location	opt Au	opt Ag	% Pb	% Zn	% As	m width
59253	Union dump	0.066	7.29	4.12	1.67		grab
MS-06	South O/C	0.002	0.40	0.25	0.16		1.50
MS-19	Center O/C	0.004	0.23	0.20	0.20		grab
MS-13	North O/C	0.037	0.23	0.40	0.20		0.30
MS-14	North O/C	0.004	2.30	0.90	0.96		0.90
MS-15	North O/C	0.003	1.90	0.17	0.14		1.50
MS-16	North O/C	0.013	9.64	0.75	0.20		0.30
MS-18	North O/C	0.004	1.02	0.70	0.64		0.90
T-01	Adit	0.026	0.98	0.23	0.13		1.50
T-02	Adit	0.055	3.50	0.60	0.62		0.70
T-03	Adit	0.016	0.88	0.35	0.59		1.50
T-04	Adit	0.016	1.80	0.30	0.30		1.50
T-05	Adit	0.008	3.40	0.70	2.70		0.60
3420	Adit	0.008	6.42	1.30	0.65		0.30
3422	Adit	0.040	1.02	0.24	0.42		grab

The sample results include sub-economic silver values, though the early samples were not run for arsenic. There has been small tonnages reportedly shipped from both the surface showings (Cairnes, 1908 - a 10 ton shipment at \$20.00 per ton) and from the cross-cut adit (Cruz and Basco, 1980 - 15 feet of sulfide mineralization at the adits end was extracted).



Cruz & Basco (1980) Sampling; Location Unknown  
 MS - 04 0002, 1.46, 0.84, 0.60, n.a. / grab

Timmins (1979) Sampling; Locations Unknown  
 3416 0.001, 0.04, 0.26, 0.08, n.a. / 9.14  
 3417 0.010, 1.09, 1.32, 1.50, n.a. / grab  
 3418 0.010, 1.59, 2.06, 2.75, n.a. / grab

Sample No. optAu, optAg, %Pb, %Zn, %As / width (m)

Tommy Brooks adit  
 below slope



NEW ERA DEVELOPMENTS LIMITED  
 IDAHO HILL PROPERTY

SHOWING # 3

SCALE: 1:250 DRN BY: R.T.Henneberry  
 DATE: JULY 1989 FIGURE: 7

Number 3 Zone

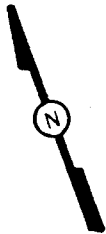
Number 3 Zone lies on upper Schnabel Creek, immediately west of the major fault. The zone consists of a 60 to 150 cm rusty rhyolite dyke / quartz vein alteration zone (095/65N) discontinuously exposed over a strike length of 75 metres. The zone is hosted by andesitic volcanics.

Number 3 Zone exhibits a rusty, heavily oxidized appearance in outcrop. The original textures are bleached and well masked by limonite. Other alteration minerals observed include sericite, silicification and minor chlorite. The alteration zone carries pods and seams of quartz (to 30 cm wide) discontinuously throughout its length and width.

Mineralization consists of pods and disseminations of galena and lesser sphalerite, pyrite, and chalcopyrite (?) both within the quartz and within the zone itself. Abundant malachite on a local scale suggests the presence of chalcopyrite, though none was seen in outcrop.

The weakly chloritized andesitic volcanics show minor silicification proximal to the zone. An increase in oxidation and limonite is also noted with 2 metres of the zone contact.

Number	Location	opt Au	opt Ag	% Pb	% Zn	% As	m width
30366	Stn + 70 W	0.002	0.25	0.23	0.03	0.04	0.80
30367	Stn + 65 W	0.002	0.12	0.12	0.05	0.07	1.05
30368	Stn + 60 W	0.002	0.32	0.49	0.19	0.02	0.90
30369	Stn + 55 W	0.002	0.35	0.41	0.11	0.01	0.90
30370	Stn + 40 W	0.002	0.25	0.40	0.27	0.01	0.60
30371	Stn + 35 W	0.002	0.10	0.08	0.16	0.01	0.75
30372	Stn + 30 W	0.002	0.47	0.36	0.05	0.02	1.50
59256	Stn + 25 W	0.004	2.51	1.47	0.91		grab
30373	Stn + 25 W	0.002	0.26	0.21	0.05	0.02	0.85
30374	Stn + 20 W	0.006	0.51	0.52	0.11	0.01	1.80
30375	Stn + 15 W	0.002	0.26	0.40	0.06	0.02	1.20
30376	Stn + 10 W	0.002	0.04	0.03	0.03	0.04	0.95
30377	Stn + 5 W	0.002	0.42	0.70	0.38	0.05	0.30
30378	Stn + 5 E	0.002	0.10	0.08	0.18	0.03	0.40
MS-04		0.002	1.46	0.84	0.60		grab
3416		trace	0.04	0.26	0.08		9.14
3417		0.010	1.09	1.32	1.50		grab
3418		0.010	1.59	2.06	2.75		grab



Cruz & Basco (1980) Sampling; Location Unknown

East Adit  
MS-23 0.008, 0.85, 0.06, 0.02, n.a. / 0.20

Central Adit

MS-03 0.004, 0.55, 0.04, 0.03, n.a. / 1.52  
MS-24 0.002, 0.41, 0.03, 0.05, n.a. / 0.05

EAST ADIT

30356

0.002, 0.69, 0.05, 0.07, 0.09 / 0.50

30355

0.002, 0.06, 0.02, 0.06, 0.03 / 1.00

30351

0.002, 1.08, 0.12, 0.21, 0.37 / 0.55

30352

0.032, 2.13, 1.97, 1.68, 5.45 / 0.30

30353

0.044, 3.68, 4.12, 1.19, 5.15 / 0.35

30354

0.004, 0.06, 0.12, 0.05, 0.60 / 0.50

CENTRAL ADIT

30357

0.002, 1.84, 0.17, 0.01, 0.03 / 5.5  
0.052, 15.78, 9.65, 1.92, n.a. / grab  
0.002, 3.85, 0.49, 0.01, 0.14 / 0.50  
0.002, 1.55, 0.18, 0.00, 0.02 / 0.60  
0.018, 6.13, 4.43, 0.66, n.a. / grab  
0.004, 1.17, 0.10, 0.04, 0.26 / 0.70  
0.002, 2.20, 0.19, 0.10, 0.41 / 1.05

59254

30358

30359

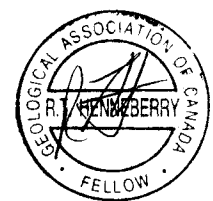
59255

30360

30361

30362  
0.002, 0.23, 0.03, 0.21, 0.01 / 0.10

WEST CUT



Sample No.  
opt Au, opt Ag, % Pb, % Zn, % As / width (metres)



NEW ERA DEVELOPMENTS LIMITED  
IDAHO HILL PROPERTY  
SHOWING # 4  
SCALE: 1:250  
DATE: JULY 1989  
DRN BY: R.T.Henneberry  
FIGURE: 8

The sampling results were quite disappointing, with no significant results in the 20 samples taken to date. Cockfield (1930) refers to this showing as the Cariboo showing, also reporting the assay results were quite low.

Number 4 Showing

Number 4 Showing lies on Schnabel Creek, 1.5 kilometres east of Number 3 Zone. Three sub-parallel sulfide/quartz veins (East Vein - 133/90, Central Vein - 120/85N, West Vein - 313/85S) are exposed over a distance of 40 metres. The structures are hosted by extremely silicified, weakly gossanous Laberge greywackes (possibly rhyolite?).

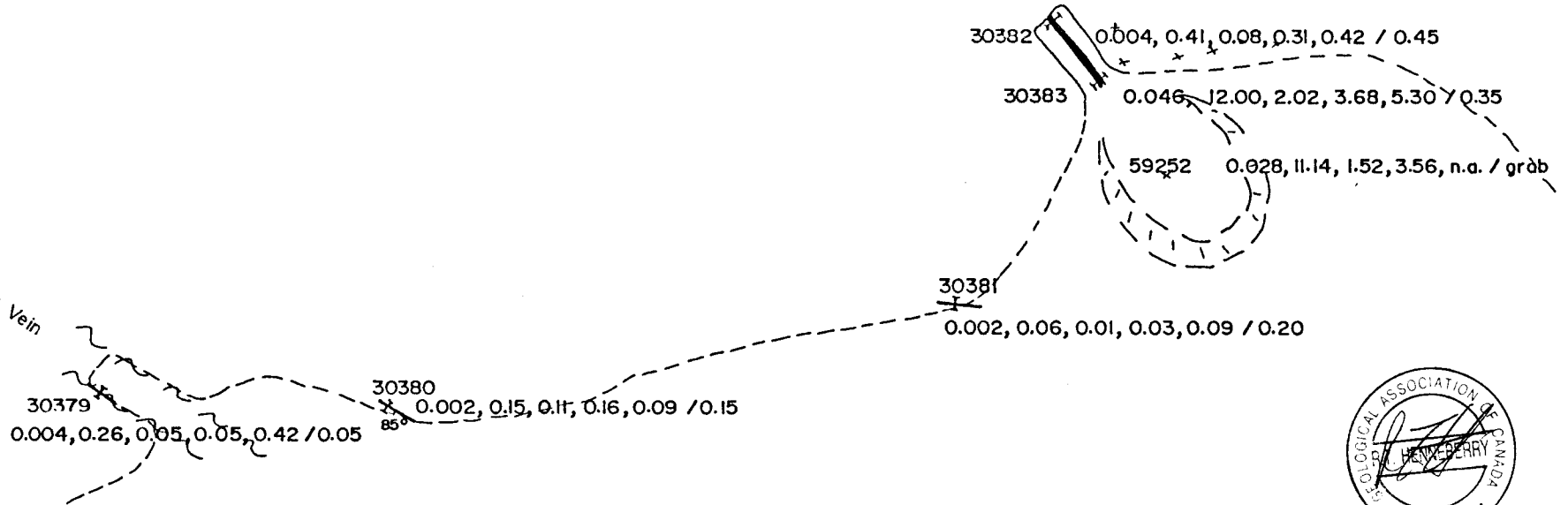
All three veins are well defined structures ranging in width from 10 cm (West Vein) to 35-100 cm (East and Central Veins). The East Vein, traced 25 metres along strike, has been developed by a 6 metre adit, a 2 metre blasted cut and a 15 metre cat trench. The Central Vein has been developed by a 6 metre adit. Cat trenching failed to reach bedrock. The West Vein has been opened by a 2 metre blasted cut. Both the East and Central veins appear to be traceable up the steep slope.

Number	Location	opt Au	opt Ag	% Pb	% Zn	% As	m	width
East Adit								
30356	TP1 + 25 W	0.002	0.69	0.05	0.07	0.09		0.50
30355	TP1 + 20 W	0.002	0.06	0.02	0.06	0.03		1.00
30351	TP1 + 16 W	0.002	1.08	0.12	0.21	0.37		0.55
30352	TP1 + 7 W	0.032	2.13	1.97	1.68	5.45		0.30
30353	TP1 + 5 W	0.044	3.68	4.12	1.19	5.15		0.35
30354	TP1 + 3 W	0.004	0.06	0.12	0.05	0.60		0.50
MS-23		0.008	0.85	0.06	0.02			0.20
Central Adit								
30357	TP2 + 17 W	0.002	1.84	0.17	0.01	0.03		0.55
59254	TP2 + 17 W	0.052	15.78	9.65	1.92			grab
30358	TP2 + 15.5 W	0.002	3.85	0.49	0.01	0.14		0.50
30359	TP2 + 14 W	0.002	1.55	0.18	0.00	0.02		0.60
59255	TP2 + 13 W	0.018	6.13	4.43	0.66			grab
30360	TP2 + 12.5 W	0.004	1.17	0.10	0.04	0.26		0.70
30361	TP2 + 11 W	0.002	2.20	0.19	0.10	0.41		1.05
MS-03		0.004	0.55	0.04	0.03			1.52
MS-24		0.002	0.41	0.03	0.05			0.05
West Cut								
30362	TP3 + 18 W	0.002	0.23	0.03	0.21	0.01		0.10



Lower Vein

Upper Vein



Sample No.  
opt Au, opt Ag, % Pb, % Zn, % As / width (metres)

Cruz & Basco (1980) Sampling; Location Unknown  
 MS-22 0.037, 23.36, 1.20, 2.71, n.a. / 0.08  
 MS-29 0.013, 5.84, 0.84, 1.21, n.a. / 0.20



NEW ERA DEVELOPMENTS LIMITED  
 IDAHO HILL PROPERTY  
 SHOWING # 5  
 SCALE: 1:250  
 DATE: JULY 1989  
 DRN BY: R.T.Henneberry  
 FIGURE: 9

Mineralization consists of disseminated to massive arsenopyrite (1-20 %), galena (1-10 %) and sphalerite (1-5 %). The veins are well leached and oxidized near surface, and near the portals of the 2 adits. Pyrite, in concentrations from 1-5 % is common in the wall rocks.

The rocks surrounding the East Vein and Central Vein are intensely altered and bleached to pale brown color. Sericite and minor chlorite are common within 3 metres of the vein channels. The entire outcrop area is intensely silicified and weakly gossanous. Much of the outcrop looks to be rhyolitic in appearance, though this may be a result of the intense alteration. Thin section work is required in this area.

The sampling results returned sub-economic but continuous values in both the East Vein and Central Vein.

#### Number 5 Showing

Number 5 Showing lies in Schnabel Creek Canyon, 0.5 kilometres east of Number 4 Showing. Two developed sub-parallel sulfide/quartz veins, the Upper Vein (130/85N) and the Lower Vein (143/90), and two undeveloped veins outcrop in a 35 metre area. The structures are hosted by weakly altered andesitic volcanics.

The veins range in width from 5 to 45 cm. The Upper Vein, developed in a blasted cut / adit, is exposed 5 metres along strike. This vein appears to be more a tight fracture with quartz averaging 10 cm in width. The Lower Vein is a well developed sulfide/quartz vein 35 to 45 cm wide, opened 4 metres along strike in a blasted cut / adit. No development has been undertaken on the 2 structures between the adits: a bleached white quartz vein (130/85S) 15 cm in width and a rusty quartz vein /shear zone (095/89N) 20 cm in width.

Number	Location	opt Au	opt Ag	% Pb	% Zn	% As	m width
30379	Upper Adit	0.004	0.26	0.05	0.05	0.42	0.05
30380		0.002	0.15	0.11	0.16	0.09	0.15
30381		0.002	0.06	0.01	0.03	0.09	0.20
30382	Lower Adit	0.004	0.41	0.08	0.31	0.42	0.45
30383	Lower Adit	0.046	12.00	2.02	3.68	5.30	0.35
59252	Lower Adit	0.028	11.14	1.52	3.56		grab
MS-22		0.037	23.36	1.20	2.71		0.03
MS-29		0.013	5.84	0.84	1.21		0.20



30386 0.002, 1.94, 1.29, 1.58, 0.01 / 0.10

30387 0.002, 0.51, 0.32, 0.58, 0.04 / 0.25



30385 0.002, 1.08, 1.05, 1.64, 0.16 / 0.20

30384 0.002, 1.62, 1.12, 0.92, 0.11 / 0.15



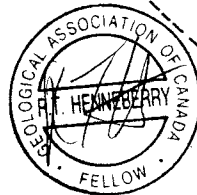
Cruz & Basco (1980) Sampling; Location Unknown

MS-20 0.004, 2.34, 1.08, 2.16, n.a. / 0.30

MS-21 0.004, 0.92, 0.85, 1.34, n.a. / 1.83

Timmins (1979) Sampling; Location Unknown

3423 0.010, 3.61, 2.46, 7.79, n.a. / grab



Sample No. opt Au, opt Ag, % Pb, % Zn, % As / width (metres)



NEW ERA DEVELOPMENTS LIMITED

IDAHO HILL PROPERTY

SHOWING # 6

SCALE: 1:250  
DATE: JULY 1989

DRN BY: R.T. Henneberry  
FIGURE: 10

Mineralization consists of disseminated to massive arsenopyrite (1-10 %), galena (1-10 %), sphalerite (1-5 %) and lesser pyrrhotite (0-5 %) and pyrite (0-2 %). The veins appears to be only weakly leached as little rust or oxidation was noted. The structures appear to continue up dip (ie. up the cliff face), though they do not appear on the south side of Schnabel Creek.

Very little alteration was noted in the hosting andesitic volcanics. Moderate brecciation and shearing is associated with the veins. Alteration consists of very weak chlorite, sericite and silicification.

Sample results are encouraging from the Lower Vein, returning values to 0.046 oz./ton Au and 12.00 oz./ton Ag.

#### Number 6 Zone

Number 6 Zone is located on the east face of Folle Mountain. The zone consists of a 10 to 20 cm sulfide/quartz vein (150/85S) within relatively unaltered Laberge Group greywackes. The vein, opened in 3 blasted cuts, is traceable up the cliff face. In the upper cut, a 25 cm splay vein (115/90) has been exposed.

A rusty, oxidized appearance characterizes this weakly fractured vein. Mineralization includes galena and sphalerite with minor pyrite in a combined percentage of 5%-10%. Minor chlorite and sericite were also noted. A distinct alteration halo was not observed in the weakly chloritized greywackes.

Several parallel fractures were noted in the footwall of the structure. These fractures carry narrow, discontinuous (>20 cm) pods and seams of massive fine-grained galena and sphalerite. These fractures were not sampled.

Number	Location	opt Au	opt Ag	% Pb	% Zn	% As	m	width
30384	TP1 + 2 N	0.002	1.62	1.12	0.92	0.11		0.15
30385	TP1 + 7 N	0.002	1.08	1.05	1.64	0.16		0.20
30386	TP1 + 31 N	0.002	1.94	1.29	1.58	0.01		0.10
30387	TP1 + 31 N	0.002	0.51	0.32	0.58	0.04		0.25
MS-20		0.004	2.34	1.08	2.16			0.30
MS-21		0.004	0.92	0.85	1.34			1.83
3423		0.010	3.61	2.46	7.79			grab

The vein was sampled in each of the three cuts, with the splay also sampled in the top cut. Previous operators sampled the structure as well, though the location of the samples is unknown. The vein returned low but consistent silver, lead and zinc values along strike.

Number 2 Showing and Number 7 Showing were not examined during this program. Number 2 Showing is marked by gossanous sediments on the northeast slope of Idaho Hill. There is a cat road access to the showing. The only sampling was completed by Cruz and Basco (1980); one sample (MS-05) described as a pick sample of massive pyrrhotite assayed 0.005 oz./ton Au, 1.08 oz./ton Ag, 0.10 % Pb and 0.09 % Zn.

Number 7 Showing lies on the north slope of Folle Mountain. This showing has not been described in any detail by previous operators. No sample results are available.

Schnabel Creek appears to be following a large fault structure which appears to split above Number 3 Zone. The major fault mapped by the regional program appears to strike into this general area as well. A large rhyolite plug outcrops in the general area, with one arm of the intrusive actually following the suspected Schnabel Creek Fault. This area has yet to be prospected.

## DISCUSSION

The Idaho Hill property has a number of mineralized occurrences within a relatively confined area (primarily the south and east slopes of Idaho Hill). All showings contain anomalous to sub-economic precious metal values in general proximity to surface. All occurrences exhibit strong leaching/oxidization characteristics. As well, with the exception of Number 3 Zone, the showings are opened over short strike and/or dip intervals (> 10 metres).

With the exception of Number 6 Showing, strong structure and intense alteration are common characteristics of the examined showings. Bleaching (argillic alteration), silicification and sericite are common alteration minerals/ zones. The actual structures are well defined, and can be seen striking up slope in most instances.

Despite the lack of economic precious metal results to date, further exploration is very much warranted on the Idaho Hill property.

The primary priority is to establish and test the strike potential of the known zones of mineralization, at the same time testing for additional zones. This can be accomplished with a soil geochemical survey. The proposed grid will cover the southern slope of Idaho Hill from Number 1 Showing to Number 3 Zone, extending far enough to the west to cover the projected strike of the major fault mapped by Doherty and Hart (1988).

Co-incidental with the soil survey, the property should be mapped at 1:5000. The road work completed to date suggests additional vein structures could be located higher up the Idaho Hill slope. The new road makes the top of Idaho Hill relatively accessible to foot traverse.

A previously completed VLF-EM geophysical survey (Cruz and Basco, 1980) in the Number 1 Showing area has loosely defined a number of sub-parallel anomalies, sharing the strike of the mineralized occurrences. This geophysics will be re-evaluated at the completion of the geochemistry and mapping program.

Upon completion of the proposed surveys, a program of road building and cat and excavator trenching is recommended to follow up both the known zones of mineralization and any newly discovered zones.

As part of the mapping program, the suspected Schnabel Creek Fault/ major fault junction area should be prospected.

CONCLUSIONS AND RECOMMENDATIONS

The results of exploration programs completed to date suggest further exploration is warranted on the Idaho Hill property. There seems little good in duplicating the work completed by others, so a program of geochemical surveying and mapping is recommended despite the fact this work will not qualify for assessment credits. The follow-up trenching programs will, however, qualify for assessment credits.

The soil geochemical survey / mapping program is recommended for the south slope of Idaho Hill. The recently completed section of new road will help in providing access to upper Idaho Hill. A total of 1100 soil samples will be taken from a grid 4000 metres by 1500 metres. Phase B is estimated to cost \$52,900.00.

A follow-up program of road building and excavator trenching to test the anomalous soil geochemistry is recommended. This program will consist of 100 cat hours and 50 excavator hours. Phase C is estimated to cost \$33,600.00.

Phase B - Soil geochemistry	52,900.00
Phase C - Trenching	33,600.00
	-----
TOTAL BUDGET	\$86,500.00

The total proposed program is estimated to cost \$86,500.00.

COST ESTIMATES

Phase B - Idaho Hill Soil Geochemistry

Mob/ Demob			
Crew Air Fares	600.00	2	1200.00
Sampling Equipment		Est.	500.00
Analysis			
Au/Ag/Pb soil geochem	15.00	1100	16500.00
Au, Ag rock geochem	15.00	50	750.00
Au, Ag Fire Assay	14.50	50	725.00
Sample Shipments		Est.	750.00
Supplies		Est.	500.00
Personnel			
Geologist	160.00	22	3520.00
Assistant	100.00	22	2200.00
Assistant	100.00	22	2200.00
Assistant	100.00	22	2200.00
Assistant	100.00	22	2200.00
Cook	125.00	22	2750.00
Accommodation			
Geologist	50.00	22	1100.00
Assistant	50.00	22	1100.00
Assistant	50.00	22	1100.00
Assistant	50.00	22	1100.00
Assistant	50.00	22	1100.00
Cook	50.00	22	1100.00
Transportation			
Vehicle	60.00	22	1320.00
Vehicle	60.00	22	1320.00
Fuel		Est.	750.00
Subtotal			45985.00
15 percent contingency			6897.75
Phase B Total			52882.75

COST ESTIMATES

Phase C - Grid Trenching / Road Building

Equipment			
D6 cat	60.00	100	6000.00
Excavator	140.00	50	7000.00
Fuel	2.00	1500	3000.00
Personnel			
Operator	225.00	14	3150.00
Geologist	160.00	14	2240.00
Analysis			
Au/Ag fire assay	14.25	125	1781.25
Support			
Airfares	600.00	2	1200.00
Accommodation	50.00	28	1400.00
Vehicles	50.00	14	700.00
Fuel		Est.	750.00
Documentation		Est.	2000.00
Sub-total			29221.25
15 percent contingency			4383.19
Phase C Total			33604.44

STATEMENT OF COSTS

May 27 to June 26, 1989

(May 27 - orientation and initial scouting of road lay-out)

(June 20-26 - flag and lay-out road

- supervise road construction

- clean, fix main access road

- hand trench and clean showings for sampling

- cat trench Showing # 4 )

Personnel

L. Bratvold (May 27) 225.00

R.T. Henneberry (May 27, June 20-26) 1800.00

Analysis

5 samples for Au,Ag,Pb Zn 132.50

37 samples for Au,Ag,Pb,Zn,As 1359.75

Sample shipment via Canadian 77.48

Road Building

Mobilization/ Demobilization 820.00

59 D8K hours 9440.00

Support

Vehicle (May 27, June 20-26) 480.00

Gas 132.91

Room (May 27, June 20-26) 480.00

Meals (may 27, June 20-26) 199.94

Bags, flagging, paint 10.00

TOTAL FOR ASSESSMENT CREDIT 15157.58

REFERENCES

Cairnes, D.D. (1908). Report on a portion of Conrad and Whitehorse mining districts. Geological Survey of Canada Publication No. 982.

Cairnes, D.D. (1912). Wheaton District, Yukon Territory. Geological Survey of Canada Memoir 31.

Cockfield, W.E. (1930). The Mining Industry in Yukon. Geological Survey of Canada Summary Report 1930, Part A.

Cruz, E.D. and Basco, D.M. (1980). Geological, Geochemical, Geophysical Report. Dumb Donkey and Sail Claims. Idaho Hill Property, Wheaton River Area, Yukon Territory. Private report for Annie Lake Mines Ltd.

Doherty, R.A. and Hart, C.J.R. (1988). Preliminary Geology of Fenwick Creek (105D/3) & Alligator Lake (105D/6) Map Areas. Indian and Northern Affairs Canada. Northern Affairs: Yukon Region, Open-File 1988-2.

MacDonald, G.C. (1985). Evaluation Report on the Dumb Donkey and Sail Mineral Claims, Idaho Hill Property, Wheaton River Area, Whitehorse Mining District. Private report for Avid Gold Resources Inc.

Timmins, W.G. (1979). Geological Report on the Idaho Hill Property, Wheaton River Area, Yukon Territory. Private report for Annie Lake Mines Ltd.

Wheeler, J.O. (1961). Whitehorse Map Area, Yukon Territory. Geological Survey of Canada Memoir 312.

STATEMENT OF QUALIFICATIONS

I, R. Tim Henneberry, am a consulting geologist residing at 404 Cambridge Way, Port Moody, B.C.

I earned a Bachelor of Science Degree majoring in geology from Dalhousie University, graduating in May 1980.

I have practiced my profession continuously since graduation.

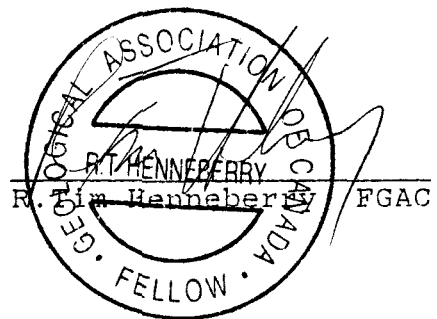
I am a Fellow of the Geological Association of Canada and a Member of the Yukon Geoscientists Society.

This report is based on the described field program undertaken by the author on the following dates: May 27, 1989 and June 20 to June 26, 1989.

I have no interest, either direct or indirect, in either New Era Developments Limited or Avid Gold Resources Inc. I have no interest, either direct or indirect, in the New, Sail of Dumb Donkey Claims.

Although this report has been completed as a requirement for assessment purposes, it may be used for any purpose normal to the business of New Era Developments Limited provided that no portion is used in a context conveying a meaning different from that set out in the whole.

Dated this 27<sup>th</sup> day of July in the City of North Vancouver, British Columbia.



# GDN RESOURCE LABORATORIES LTD.

6329 BERESFORD STREET, BURNABY, B.C. V5E 1B3 / PH: 435-8376 / FAX: 435-9746

\*\* ASSAY REPORT \*\*

To: New Era Developments Ltd.  
212 - 260 W. Esplanade St.  
North Vancouver, B.C.  
V7M 3G7

Number: 89202  
Date: June 14, 1989  
Proj.: Idaho Hill

Attn: R. T. Henneberry

	Au oz/ton	Ag oz/ton	Pb %	Zn %
59251	0.002	<0.01	0.02	0.01
59252	0.028	11.14	1.52	3.56
59253	0.066	7.29	4.12	1.67
59254	0.052	15.78	9.65	1.92
59255	0.018	6.13	4.43	0.66
59256	0.004	2.51	1.47	0.91



*Duncan Sanderson*  
Licensed Assayer of British Columbia

# CDN RESOURCE LABORATORIES LTD.

6329 BERESFORD STREET, BURNABY, B.C. V5E 1B3 / PH: 435-8376 / FAX: 435-9746


\*\* ASSAY REPORT \*\*

To: New Era Developments Ltd.  
212 - 260 W. Esplanade St.  
North Vancouver, B.C.  
V7M 3G7

Number: 89214  
Date: July 04, 1989  
Proj.: Idaho Hill

Attn: R. T. Henneberry

	Au oz/ton	Ag oz/ton	Pb %	Zn %	As %
30351	0.002	1.08	0.12	0.21	0.37
30352	0.032	2.13	1.97	1.68	5.45
30353	0.044	3.68	4.12	1.19	5.15
30354	0.004	0.60	0.12	0.05	0.60
30355	<0.002	0.06	0.02	0.06	0.03
30356	<0.002	0.69	0.05	0.07	0.09
30357	0.002	1.84	0.17	0.01	0.03
30358	0.002	3.85	0.49	0.01	0.14
30359	0.002	1.55	0.18	<0.01	0.02
30360	0.004	1.17	0.10	0.04	0.26
30361	0.002	2.20	0.19	0.10	0.41
30362	<0.002	0.23	0.03	0.21	0.01
30363	0.004	0.01	0.01	0.01	0.01
30364	0.002	0.45	0.28	0.15	0.01
30365	0.036	0.88	0.12	0.02	24.2
30366	0.002	0.25	0.23	0.03	0.04
30367	<0.002	0.12	0.12	0.05	0.07
30368	<0.002	0.32	0.49	0.19	0.02
30369	0.002	0.35	0.41	0.11	0.01
30370	<0.002	0.25	0.40	0.27	<0.01
30371	<0.002	0.10	0.08	0.16	0.01
30372	<0.002	0.47	0.36	0.05	0.02
30373	<0.002	0.26	0.21	0.05	0.02
30374	0.006	0.51	0.52	0.11	<0.01
30375	<0.002	0.26	0.40	0.06	0.02
30376	<0.002	0.04	0.03	0.03	0.04
30377	<0.002	0.42	0.70	0.38	0.05
30378	<0.002	0.10	0.08	0.18	0.03
30379	0.004	0.26	0.05	0.05	0.42
30380	0.002	0.15	0.11	0.16	0.09
30381	0.002	0.06	0.01	0.03	0.09
30382	0.004	0.41	0.08	0.31	0.42
30383	0.046	12.0	2.02	3.68	5.30
30384	0.002	1.62	1.12	0.92	0.11
30385	<0.002	1.08	1.05	1.64	0.16
30386	<0.002	1.94	1.29	1.58	<0.01
30387	<0.002	0.51	0.32	0.58	0.04

  
Licensed Assayer of British Columbia

Idaho Hill Project  
Sample Descriptions

New Road Grabs

Number	Location	Description	opt Au	opt Ag	% Pb	% Zn
30363		Vuggy, leached, rusty limonite quartz. 1% sulfides.	0.004	0.01	0.01	0.01
30364		Rusty, locally vuggy limonite quartz. 2% galena, 2% sphalerite, 1% arsenopyrite	0.002	0.45	0.28	0.15
30365		Rusty quartz / massive sulfides. 5% arsenopyrite, 10% fine grained galena, 10% fine grained sphalerite	0.036	0.88	0.12	0.02

Number 1 Zone

Number	Location	Description	opt Au	opt Ag	% Pb	% Zn
59253	Union dump	Massive sulfide from dump Galena, sphalerite arsenopyrite, pyrrhotite	0.066	7.29	4.12	1.67

Number 3 Zone

Number	Location	Description	opt Au	opt Ag	% Pb	% Zn
30366	Stn + 70 W	Bleached silicified rhyolite dyke with quartz, Fe oxides. 275/65N. 2% vugs, 1% arsenopyrite. No Mn stain	0.002	0.25	0.23	0.03
30367	Stn + 65 W	Oxidized, limonite dyke with minor quartz. 1% vugs, Traces of sulfides.	0.002	0.12	0.12	0.05
30368	Stn + 60 W	Oxidized, vuggy rhyolite dyke / quartz vein with limonite. 1% galena, traces of sphalerite and arsenopyrite	0.002	0.32	0.49	0.19
30369	Stn + 55 W	(pit) Rusty oxidized rhyolite dyke. 5% vugs, traces of sulfides	0.002	0.35	0.41	0.11
30370	Stn + 40 W	(pit) Rusty, oxidized, vuggy limonite dyke with quartz. 1% galena, 5% vugs, traces of sulfides.	0.002	0.25	0.40	0.27
30371	Stn + 35 W	(pit) Rusty, oxidized dyke with minor Mn. 2% vugs, traces of sulfides.	0.002	0.10	0.08	0.16
30372	Stn + 30 W	Oxidized, limonite rhyoilte dyke / quartz vein. 2% vugs, 1% galena. traces of sulfides.	0.002	0.47	0.36	0.05

Number 3 Zone

Number	Location	Description	opt Au	opt Ag	% Pb	% Zn
59256	Stn + 25 W	Quartz dyke zone with 2-4% galena, 5% pyrite and malachite staining	0.004	2.51	1.47	0.91
30373	Stn + 25 W	Limonite, minor Fe oxides quartz vein / rhyolite dyke zone. 1% vugs, traces of sulfides.	0.002	0.26	0.21	0.05
30374	Stn + 20 W	Bleached, Fe oxide, limonite rhyolite dyke / quartz vein zone. 275/65N. 3% vugs, traces of sulfides.	0.006	0.51	0.52	0.11
30375	Stn + 15 W	Quartz vein / rhyolite dyke zone with Fe oxides and limonite. 4% vugs, 1% galena, traces of sulfides.	0.002	0.26	0.40	0.06
30376	Stn + 10 W	Bleached, oxidized, limonite quartz vein dyke zone. 2% vugs, traces of sulfides.	0.002	0.04	0.03	0.03
30377	Stn + 5 W	(cliff face) Oxidized, limonite rhyolite dyke. Traces of sulfides.	0.002	0.42	0.70	0.38
30378	Stn + 5 E	Strongly oxidized, limonite dyke. 20% arsenopyrite, galena, sphalerite	0.002	0.10	0.08	0.18

Number 4 Showing

Number	Location	Description	opt Au	opt Ag	% Pb	% Zn
East Adit						
30355	TP1 + 25 E	Rusty, oxidized quartz vein. 313/90. 20% arsenopyrite. 10% galena, sphalerite.	0.002	0.69	0.05	0.07
30355	TP1 + 20 W	Well leached, rusty, oxidized quartz vein. 1% arsenopyrite.	0.002	0.06	0.02	0.06
30351	TP1 + 16 W	Rusty, oxidized quartz vein with sericite. 5% arsenopyrite. 1% galena, sphalerite.	0.002	1.08	0.12	0.21
30352	TP1 + 7 W	Weathered, leached quartz vein with limonite, Fe oxides, sericite. 5% arsenopyrite, 5% galena, 5% sphalerite.	0.032	2.13	1.97	1.68
30353	TP1 + 5 W	Weathered, leached quartz vein with limonite, Fe oxides, sericite. 5% arsenopyrite, 5% galena, 5% sphalerite.	0.044	3.68	4.12	1.19
30354	TP1 + 3 W	Weathered, leached quartz vein with limonite, Fe oxides, sericite. 1% arsenopyrite, 1% galena, 1% sphalerite.	0.004	0.06	0.12	0.05

Number 4 Showing

Number	Location	Description	opt Au	opt Ag	% Pb	% Zn
Central Adit						
30357	TP2 + 17 W	Rusty quartz vein with brecciated HW and FW. 300/85N. 10% arsenopyrite, galena, sphalerite.	0.002	1.84	0.17	0.01
59254	TP2 + 17 W	Quartz with massive galena, sphalerite, arsenopyrite	0.052	15.78	9.65	1.92
30358	TP2 + 15.5 W	Rusty quartz vein. 5% leached. 10% arsenopyrite, galena, sphalerite.	0.002	3.85	0.49	0.01
30359	TP2 + 14 W	Rusty quartz vein. 30% leached. 5% arsenopyrite, galena, sphalerite.	0.002	1.55	0.18	0.00
59255	TP2 + 13 W	Leached quartz with 5% galena	0.018	6.13	4.43	0.66
30360	TP2 + 12.5 W	Rusty quartz vein. 60% leached. Traces of sulfides.	0.004	1.17	0.10	0.04
30361	TP2 + 11 W	Rusty leached quartz vein with oxidized black seams. 100% leached. Traces of sulfides.	0.002	2.20	0.19	0.10
West Cut						
30362	TP3 + 18 W	Rusty, oxidized quartz stringer with carbonate. 313/85S	0.002	0.23	0.03	0.21

Number 5 Showing

Number	Location	Description	opt Au	opt Ag	% Pb	% Zn
30379		South wall upper adit Quartz vein in sheared oxidized limonitic volcanics. 310/85N. 10% pyrrhotite, arsenopyrite, galena, sphalerite.	0.004	0.26	0.05	0.05
30380		Bleached, weathered quartz vein with minor limonite. 310/85S. Traces of sulfides	0.002	0.15	0.11	0.16
30381		Quartz vein / shear zone with limonite, Fe oxides, chlorite and minor Mn. 275/89N. 2% arsenopyrite	0.002	0.06	0.01	0.03
30382		Lower adit face Brecciated limonite, Fe oxide vein zone with minor quartz and chlorite. 323/90. 2% pyrrhotite, arsenopyrite.	0.004	0.41	0.08	0.31
30383		Lower adit collar Rusty oxidized quartz vein. 5% galena, sphalerite, 2% pyrrhotite, arsenopyrite.	0.046	12.00	2.02	3.68
59252		Massive sulfide from dump Galena, sphalerite arsenopyrite, pyrrhotite	0.028	11.14	1.52	3.56

Number 6 Zone

Number	Location	Description	opt Au	opt Ag	% Pb	% Zn
30384	TP1 + 2 N	Quartz vein with limonite, Fe oxides. 330/85S. 5% galena, sphalerite	0.002	1.62	1.12	0.92
30385	TP1 + 7 N	Quartz vein / shear zone with limonite, Fe oxides. 5% galena, sphalerite. Traces of pyrite	0.002	1.08	1.05	1.64
30386	TP1 + 31 N	Vuggy, rusty quartz vein with limonite, Fe oxides. 10% galena, sphalerite, arsenopyrite	0.002	1.94	1.29	1.58
30387	TP1 + 31 N	Oxidized, rusty quartz vein dyke zone. 295/90. 5% galena, sphalerite, arsenopyrite	0.002	0.51	0.32	0.58