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INTERIM EXPLORATION REPORT
ON THE
YOUNG-SHANNON GOLD PROPERTY
CHESTER TOWNSHIP ONTARIO
FOR
YOUNG-SHANNON GOLD MINES, LIMITED
AND
NORTHQUEST VENTURES INC.

OCTOBER 15, 1988

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SUMMARY

YOUNG-SHANNON GOLD MINES, LIMITED OWNS 75 PERCENT AND NORTHQUEST VENTURES INC. HAS EARNED 25 PERCENT INTEREST IN A CONTIGUOUS BLOCK OF 11 PATENTED MINING CLAIMS SITUATED IN WEST-CENTRAL CHESTER TOWNSHIP, PORCUPINE MINING DIVISION, ONTARIO. THE CLAIMS ARE SITUATED 70 AIR-MILES SOUTH OF TIMMINS AND 55 AIR-MILES NORTHWEST OF SUDBURY. GOOD ACCESS IS AVAILABLE VIA HIGHWAY 144 AND ALONG THE MESOMIKENDA LAKE ROAD ONTO THE PROPERTY.

THE PROPERTY LIES WITHIN THE SWAYZE GREENSTONE BELT, AN ASSEMBLAGE OF ARCHEAN METAVOLCANICS AND METASEDIMENTS WHICH GENERALLY STRIKE EAST-WEST AND DIP STEEPLY. LATE ARCHEAN PLUTONS INTRUDE THIS ROCK ASSEMBLAGE FOLLOWED BY FOLDING AND FAULTING OF THE SEQUENCE. THESE LATE FAULT SYSTEMS ARE THE FOCUS FOR GOLD MINERALIZATION IN CHESTER TOWNSHIP. GOLD WAS FIRST DISCOVERED ON THE YOUNG-SHANNON PROPERTY IN 1930 WHEN A. GOSSELIN FOUND A SPECTACULAR VEIN SYSTEM (A-GOLD ZONE) BEARING COARSE NATIVE GOLD ON THE EAST SHORE OF THREE DUCK LAKE. THIS DISCOVERY LED TO AN INFLUX OF ACTIVITY RESULTING IN SEVERAL NEW GOLD DISCOVERIES BEING MADE IN RAPID SUCCESSION FROM 1930-31, INCLUDING YOUNG-SHANNON'S B- AND C-GOLD ZONES. AFTER EXTENSIVE STRIPPING, TRENCHING AND DIAMOND DRILLING YOUNG-SHANNON GOLD MINES LIMITED FROM 1936-37 SUNK A TWO-LEVEL INCLINED SHAFT WITH ATTENDANT UNDERGROUND WORKINGS ON THE C-GOLD ZONE. SEVERAL

ADDITIONAL SPORADIC PULSES OF EXPLORATION ACTIVITY OCCURRED FROM 1937-1978. IN 1978 A 70 TON PER DAY MILL WAS ERECTED ON THE PROPERTY WHICH RAN FOR 7 MONTHS ON ORE FROM C-GOLD ZONE UNDERGROUND WORKINGS AND FROM AN OPEN PIT SLOT-TRENCH ON B-GOLD ZONE.

DURING 1987 TWO PHASES OF DIAMOND DRILLING WERE COMPLETED ON THE YOUNG-SHANNON PROPERTY. A TOTAL OF 11,245 FEET OF BQ CORE WAS COMPLETED IN 35 HOLES. THE HOLES TESTED ALL THREE GOLD ZONES. BEST RESULTS ARE SUMMARIZED IN THE TABLE BELOW:

TABLE

A Gold Zone

Hole Number	From	To	Sample Length (feet)	Gold Assay Results (ounces per ton)
Hole 87-1	307.0	317.0	10.0	0.80 (uncut)(V.G.)
Hole 87-2	249.0	259.0	10.0	0.093
Hole 87-30A	141.2	146.5	6.2	0.211

B-Gold Zone

87-14	110.5	115.0	4.5	0.50 (uncut)
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<u>C- gold Zone</u>				
Core Number	From	To	Sample Length (feet)	Gold Assay Results (ounces per ton)
87-8	405.0	449.9	44.9	0.557 (uncut)(V.G.)
	480.2	487.0	6.8	0.374 (uncut)
	573.9	582.0	8.1	0.190
87-18	240.7	246.7	6.0	1.373 (uncut)(V.G.)
87-19	128.0	137.3	9.3	0.322
87-30	41.0	46.8	5.8	0.092
	296.4	313.5	16.8	0.138
87-33	42.5	54.2	11.7	0.033
87-34	72.5	86.0	13.5	0.113
	247.0	258.7	11.7	0.230 (uncut)(V.G.)
87-36	56.0	62.0	6.0	0.089
87-37	232.4	244.0	11.6	0.102
87-38	115.2	121.5	6.3	1.15 (uncut)(V.G.)
87-39	73.4	80.0	6.6	0.36 (V.G.)
	196.5	203.0	6.5	0.904(uncut)(V.G.)*
87-40	42.0	47.5	5.5	0.107

*(V.G.) denotes native gold is present in core

THESE DIAMOND DRILL RESULTS HAVE TRACED THE C-GOLD ZONE ALONG A 1600-FOOT LENGTH. THE A- AND B-GOLD ZONES ARE JOINED UNDER THREE DUCK LAKE BY INDUCED POLARIZATION ANOMALIES. TOGETHER THEY INDICATE A 4000-FOOT STRIKE LENGTH TO JOIN THE A- AND B-GOLD ZONES. THIS ALSO APPEARS TO BE AN EXTENSION OF THE SAME TREND AS THE ADJOINING CHESBAR-MURGOLD JOINT VENTURE GOLD SYSTEM, WHERE A 500 VERTICAL FOOT DECLINED RAMP HAS DELINEATED RESERVES OF 423,547 TONS AVERAGING 0.223 OUNCES OF GOLD PER TON TO THE 400-FOOT LEVEL.

BASED ON THE EXCEPTIONAL 1987 DIAMOND DRILL RESULTS WE ARE RECOMMENDING A TWO-PHASE EXPLORATION PROGRAM TOTALLING \$2,787,000.



TABLE OF CONTENTS

	<u>PAGE #</u>
S IMMARY	I
I ITRODUCTION	1
P OPERTY DESCRIPTION, LOCATION AND ACCESS	3
F GURE 1: PROPERTY LOCATION PLAN AND CLAIM MAP	
P OPERTY PHYSIOGRAPHY AND FACILITIES	4
H STORY OF PREVIOUS EXPLORATION	6
R GIONAL AND PROPERTY GEOLOGY	11
E ONOMIC GEOLOGY	17
C NCLUSIONS	32
R COMMENDATIONS AND BUDGET ESTIMATE	35
A KNOWLEDGEMENTS	39
C RTIFICATION	40
C NSENT LETTER	

- A PENDIX I: BIBLIOGRAPHY
- A PENDIX II: ASSAY CERTIFICATES
- A PENDIX III: SECTIONS

M PS IN POCKET

- M P 1: GEOLOGICAL COMPILATION PLAN OF YOUNG SHANNON PROPERTY AND ADJOINING AREA (SCALE 1 INCH = 200 FEET)
- M P 2: DETAILED 1936 SAMPLING PLAN THE FIRST (100 FOOT) LEVEL OF THE YOUNG-SHANNON GOLD MINES PROPERTY (SCALE 1 INCH = 9.0 FEET)

INTRODUCTION

THIS INTERIM EXPLORATION REPORT WAS PREPARED AT THE REQUEST OF MR. BRUCE YOUNG, PRESIDENT OF YOUNG-SHANNON GOLD MINES, LIMITED, IN ORDER TO COMPILE AND ASSESS THE RESULTS OF TWO RECENT DIAMOND DRILLING PROGRAMS ON THE YOUNG-SHANNON GOLD PROPERTY AND, IF WARRANTED, TO RECOMMEND THE NEXT PHASE OF EXPLOATION.

THE YOUNG-SHANNON GOLD PROPERTY CONSISTS OF A CONTIGUOUS BLOCK OF ELEVEN (11) PATENTED MINING CLAIMS SITUATED IN WEST-CENTRAL CHESTER TOWNSHIP, PORCUPINE MINING DIVISION, ONTARIO. YOUNG-SHANNON GOLD MINES, LIMITED OWNS 75 PERCENT OF THE CLAIMS WHILE NORTHQUEST VENTURES INC. HAS EARNED A 25 PERCENT INTEREST. THE CLAIM BLOCK LIES 70 AIR-MILES SOUTH OF TIMMINS AND 95 AIR-MILES NORTHWEST OF SUDBURY AND IS ACCESSIBLE FROM HIGHWAY 144 ALONG THE MESOMIKENDA LAKE ROAD, WESTWARD FOR 5.0 MILES TO COTÉ LAKE.

THE SUBJECT PROPERTY IS SITUATED WITHIN THE SWAYZE GREENSTONE BELT WHICH IS THE WESTERN EXTENSION OF THE FAMOUS ABITIBI GREENSTONE BELT AND THE LOCUS FOR WORLD CLASS BASE AND PRECIOUS METAL DEPOSITS FROM TIMMINS TO CHIBOUGAMAU. THE BELT IS UNDERLAIN BY AN EAST-WEST STRIKING, STEEPLY-DIPPING, INTERCALATED SEQUENCE OF ARCHEAN FLOWS, METATUFFS AND SEDIMENTS WHICH ARE IN TURN INTRUDED BY SLIGHTLY YOUNGER ARCHEAN MAFIC TO FELSIC INTRUSIONS. BOTH FAULTING AND FOLDING HAVE SUBSEQUENTLY DEFORMED THE ROCK SEQUENCE.

GOLD WAS FIRST DISCOVERED IN THE SWAYZE BELT ON THREE DUCK LAKE BY ALFRED GOSSELIN (A-GOLD ZONE - MAP 1) IN 1930. THIS DISCOVERY CONSISTED OF COARSE NATIVE GOLD IN QUARTZ AND/OR CARBONATE VEINS, ZONES AND STOCKWORKS IN GRANODIORITIC HOST ROCK. THIS DISCOVERY LED TO A RAPID SUCCESSION OF SIMILAR DISCOVERIES IN THE THREE DUCK AND CLAM LAKE AREAS, THE BEST KNOWN GOLD DISCOVERY BEING THE YOUNG-SHANNON GOLD DEPOSIT NEAR COTÉ LAKE.

THIS GOLD SHOWING HAS UNDERGONE SEVERAL PULSES OF EXPLORATION ACTIVITY, INCLUDING THE ERECTION OF AN INCLINED HEADFRAME, UNDERGROUND DEVELOPMENT AND LIMITED MINING. THIS ACTIVITY CULMINATED IN TWO PHASES OF DIAMOND DRILLING COMPLETED IN 1987. PHASE 1 TOTALLED 6258 FEET OF BQ CORE IN 19 HOLES WHILE PHASE 11 HAD 4987 TOTAL FEET IN 16 HOLES.

ONTARIO GOVERNMENT MAPS, ASSESSMENT FILES AND REPORTS; PRIVATE COMPANY REPORTS AND PROSPECTUSES AND OMEP REPORTS WERE ALL UTILIZED DURING THIS REPORT'S PREPARATION. THE AUTHOR HAS ALSO WORKED IN THE CHESTER TOWNSHIP AREA FOR 8 YEARS AND, IN ADDITION TO SEVERAL PERSONAL PROPERTY VISITS, HAS ALSO SPENT NUMEROUS FEET OF THE PHASE 1 AND 11 DIAMOND DRILL CORE.

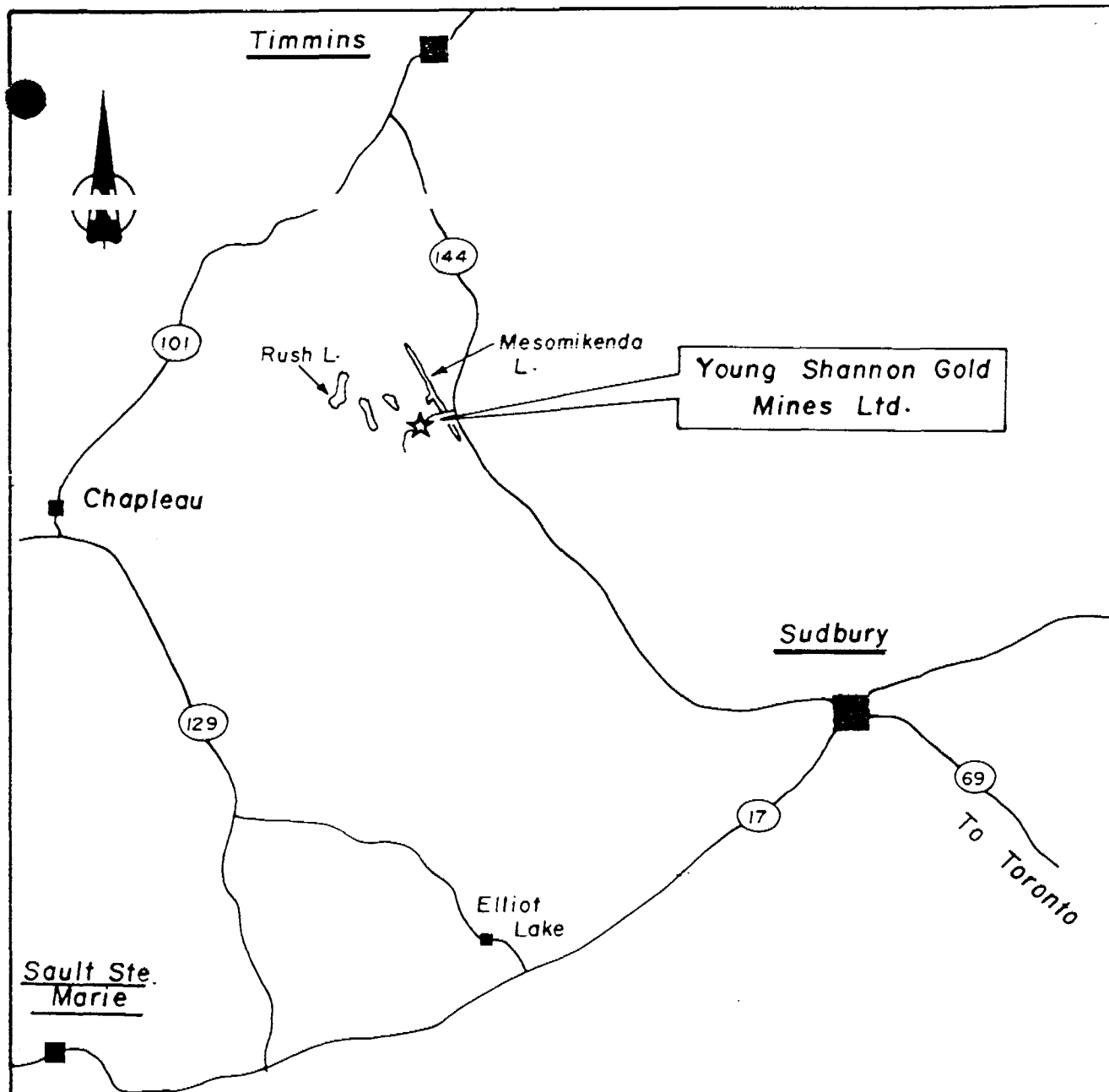
PROPERTY DESCRIPTION, LOCATION AND ACCESS

YOUNG-SHANNON GOLD MINES, LIMITED HOLDS A 75 PERCENT INTEREST AND NORTHQUEST VENTURES INC. HAS THE REMAINING 25 PERCENT INTEREST IN A GOLD PROPERTY IN CHESTER TOWNSHIP WHICH CONSISTS OF A CONTIGUOUS BLOCK (SEE FIGURE 1) OF ELEVEN (11) PATENTED MINING CLAIMS WHICH INCLUDE PARTS OF THREE DUCK AND COTÉ LAKES IN THE WEST-CENTRAL PART OF THE TOWNSHIP. THE CLAIMS COVER APPROXIMATELY 440 ACRES AND ARE PRESENTLY IN GOOD STANDING WITH ALL TAXES PAID UP TO DATE. THE CLAIMS MAY BE FURTHER DESCRIBED:

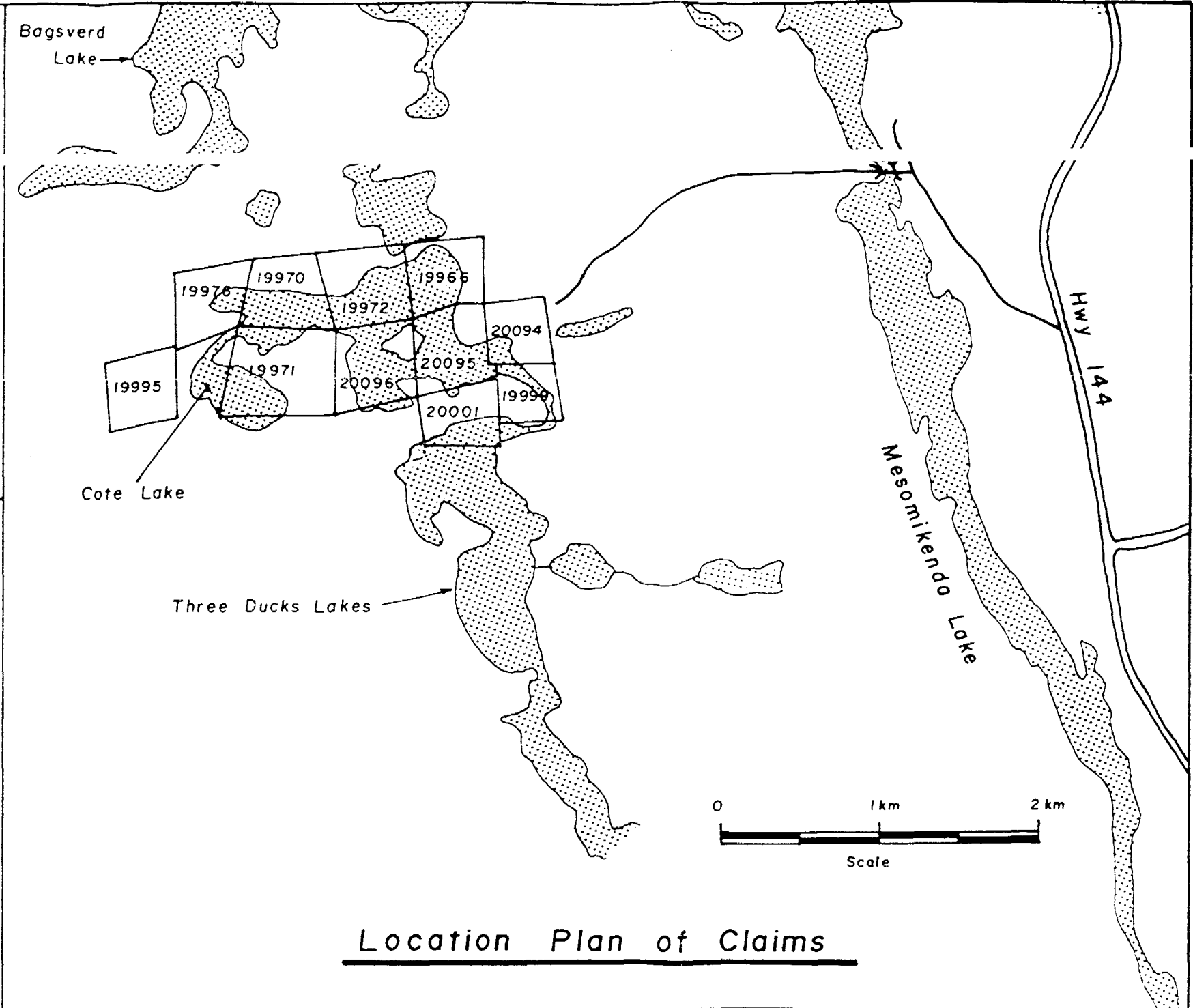
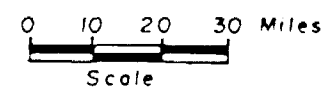
S-199 6	S-19972	S-20001
S-199 0	S-19976	S-20094
S-199 1	S-19995	S-20095
	S-19999	S-20096

THE PROPERTY IS SITUATED AT LATITUDE 47'33'30" NORTH LONGITUDE 81 55'00" EAST APPROXIMATELY 70 AIR MILES SOUTH OF THIMMINS AND 95 AIR MILES NORTHWEST OF SUDBURY (FIGURE 1).

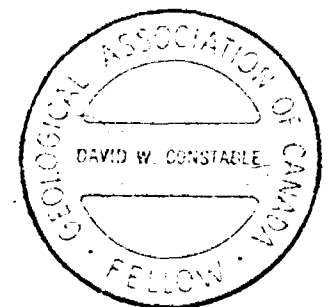
ACCESS IS VIA PAVED HIGHWAY 144 TO THE MESOMIKENDA LAKE ROAD, WHICH LIES 6 MILES NORTH OF THE HIGHWAY 560 JUNCTION WITH 144. AN UNIMPROVED BUSH ROAD TRAVELS WESTWARD ACROSS THE NORTH OF THE PROPERTY FOR 5 MILES TO THE CABINS ON THE SHORES OF COTÉ AND THREE DUCK LAKES ON CLAIM S-19971. THIS ROAD CONTINUES ON TO LOOP BACK TO HIGHWAY 560 (6.5 MILES) AND THEN TO THE JUNCTION WITH HIGHWAY 144 (2 MILES). LOCAL BUSH ROADS ALLOW ACCESS TO THE BALANCE OF THE PROPERTY.



Location Plan



Location Plan of Claims



Young-Shannon Gold Mines, Ltd. Chester Twp, Ontario		
Location Plan & Claim Map		
Dwg. By : S. Bell	Scale : Bars	Dwg. No.
App. :	Chk'd :	FIG : 1

PROPERTY PHYSIOGRAPHY AND FACILITIES

THE SUBJECT PROPERTY IS SITUATED WITHIN THE SUPERIOR STRUCTURAL PROVINCE OF THE CANADIAN PRECAMBRIAN SHIELD AND HAS TOPOGRAPHY TYPICAL OF THIS REGION, NAMELY LOW ROUNDED HILLS AND SWAMPY MUSKEG AREAS. REGIONAL RELIEF RARELY EXCEEDS 50 FEET. THE LOW MUSKEG AREAS HAVE 35 FEET OF ORGANIC AND CLAY OVERBURDEN WHILE THE LOW ROUNDED HILLS ARE ROCK OUTCROP COVERED BY A FEW FEET OF CLAY AND BOULDER TILL. THE MUSKEGS ARE COVERED WITH ALDERS, SMALL SCRUB BRUSH AND GRASSES WHILE POPLARS, BIRCHES, BLACK SPRUCE AND JACKPINE ARE COMMON ALONG THE RIDGES. MUCH OF THE TIMBER HAS BEEN REMOVED OVER THE PAST 10 YEARS IN CHESTER TOWNSHIP HOWEVER THIS IS NOT THE CASE IN THE PROPERTY AREA.

THE PROPERTY IS NEAR THE WATERSHED BETWEEN THE JAMES BAY AND GREAT LAKES HEADWATERS, THUS WATERFLOW IS SLUGGISH AND DRAINAGE IS JUST WITHIN THE JAMES BAY BASIN AND PROCEEDS NORTHWARD VIA THE MOLLIE RIVER.

THERE ARE SCATTERED GLACIAL DEPOSITS IN THE GENERAL AREA INCLUDING TERMINAL AND LATERAL MORAINES, ESKERS AND GLACIAL ERMATICS. THE LAST OBSERVED ICE DIRECTION IS SOUTHWARD AS INDICATED BY ROCK STRIAE AND CHATTER MARKS.

THERE EXISTS ON THE SUBJECT PROPERTY SUFFICIENT TIMBER AND WATER RESOURCES FOR A MAJOR MINING OPERATION. A FULLY

PERMITTED TAILINGS POND IS LOCATED NEAR THE INCLINED STEEL HEADFRAME ON THE MAIN YOUNG-SHANNON GOLD DEPOSIT. ROADS CAN BE EASILY UPGRADED USING AGGREGATE MATERIAL FROM WITHIN THE CLAIM GROUP. THE MAIN TRANSCONTINENTAL CN AND CP RAIL LINES LIE RESPECTIVELY 12 MILES EASTWARD AND SOUTHWESTWARD OF THE YOUNG-SHANNON PROPERTY. THE NEAREST TOWN IS GOGAMA, 17 ROAD-MILES AWAY HOWEVER TIMMINS, 65 ROAD-MILES AWAY IS THE NEAREST TOWN WITH THE INFRASTRUCTURE AND PERSONNEL SUFFICIENT TO SUPPORT A MAJOR MINING PROJECT. TWO LARGE CABINS, HOIST ROOM AND GARAGE ARE PRESENTLY ON THE YOUNG-SHANNON CLAIMS AND ARE USED AS LIVING QUARTERS AND CORE STORAGE FACILITIES. HYDRO MUST BE BROUGHT 5 MILES FROM HIGHWAY 144 AND COULD BE BROUGHT ALONG THE OLD JEROME MINE POWER LINE WHICH CROSSES JUST NORTH OF THE CLAIMS. CHESBAR RESOURCES INC., SITUATED JUST EAST OF THE YOUNG-SHANNON PROPERTY, IS PRESENTLY DEVELOPING THEIR GOLD DEPOSIT UNDERGROUND AND HAVE RECENTLY ANNOUNCED PLANS FOR A 150 TON PER DAY TEST MILL TO COMMENCE IN THE SPRING OF 1989.

HISTORY OF PREVIOUS EXPLORATION

THE SWAYZE GREENSTONE BELT HAS BEEN THE FOCUS OF GOLD EXPLORATION SINCE THE EARLY 1900'S AS A SPILLOVER FROM THE PORCUPINE AND ELK LAKE-GOWGANDA-SHININGTREE CAMPS. IN THE SUMMER OF 1930 ALFRED GOSSELIN HAD THE FIRST REAL SUCCESS ON THE EASTERN SHORE OF THREE DUCK LAKE (A ZONE - MAP 1) WHERE HE DISCOVERED A QUARTZ VEIN WITH SPECTACULAR COARSE NATIVE GOLD IN CLAIM S-20095 (LIRD, 1932). THE GOSSELIN GOLD SHOWING BECAME PART OF THE ORIGINAL 25-CLAIM BLOCK STAKED AROUND THREE DUCK LAKE. IN 1931 CONSOLIDATED MINING AND SMELTING COMPANY OPTIONED THE CLAIM GROUP BUT AFTER SURFACE SAMPLING TWO VEINS THEY DROPPED THE OPTION. DURING THE 1930-31 PERIOD AN INFLUX OF PROSPECTORS, STAKING AND EXPLORATION ACTIVITY RESULTED IN A RAPID SUCCESSION OF GOLD DISCOVERIES; GENERALLY WITH COARSE NATIVE GOLD IN A QUARTZ AND/OR CARBONATE VEIN WITH CHALCOPYRITE, PYRITE, PYRRHOTITE, TOURMALINE, SPHALERITE, BORNITE, COVELLITE, ARSENOPYRITE, MALACHITE, AZURITE, MOLYBDENITE, SCHEELITE, MOLYBDITE AND ASSORTED TELLURIDES. SEVERAL OF THE 1930-31 GOLD DISCOVERIES OCCURRED ON THE PRESENT YOUNG-SHANNON PROPERTY (A-, B- AND C-ZONES - MAP 1).

THE FIRST WRITTEN RECORD OF WORK ON THE YOUNG-SHANNON PROPERTY IS A 1934 CONSULTANT'S REPORT WHICH DESCRIBES THE GEOLOGICAL SETTING AND HISTORY OF THE MAIN YOUNG-SHANNON GOLD

SH WING (C-ZONE- MAP 1). THIS GOLD PROSPECT WAS STRIPPED AND TRENCHED IN 1930-31 BY THE THREE DUCKS SYNDICATE. IN 1932 THE MARTIN SYNDICATE OF SUDBURY DIAMOND DRILLED THE A-ZONE. RESULTS ARE UNKNOWN "BUT AN ENGINEER'S REPORT IS SAID TO HAVE BEEN HIGHLY FAVORABLE". (LAIRD, 1934)

IN 1935 ADDITIONAL PITTING, TRENCHING AND 600 FEET OF DIAMOND DRILLING WERE COMPLETED BY YOUNG-SHANNON GOLD MINES, LIMITED, WHICH HAD BEEN FORMED IN 1932. IN 1936, THE 1934 CONSULTANT'S REPORT'S RECOMMENDATION TO SINK AND DRIFT ON THE SH WING WAS INITIATED. AN INCLINED (-70°) SHAFT WAS COMPLETED TO 20 FEET (188 FEET VERTICAL) WITH THE FIRST LEVEL AT 100 FEET (95 FEET VERTICAL). THE 100-FOOT LEVEL HAD 172 FEET OF LATERAL DEVELOPMENT COMPLETED AND 2196 FEET OF DIAMOND DRILLING (SEE MAP 2) IN 1937, 160 FEET OF LATERAL DEVELOPMENT WAS FINISHED ON THE 20-FOOT LEVEL TOGETHER WITH 500 FEET OF DIAMOND DRILLING. IN ADDITION A 20-TON STAMP MILL WAS INSTALLED. NO PRODUCTION RECORDS ARE EXTANT.

IN 1941 YOUNG-SHANNON GOLD MINES, LIMITED COMPLETED A DIAMOND DRILLING PROGRAM AND IN 1944 A GEOPHYSICAL SURVEY. MORE DIAMOND DRILLING OCCURED IN 1946, BUT AGAIN NO PUBLIC RECORD OF RESULTS IS AVAILABLE.

IN 1978 CANADIAN GOLD CREST LTD. LEASED THE YOUNG-SHANNON PROPERTY AND BUILT A STEEL HEADFRAME AND CONSTRUCTED A

70-TON PER DAY FLOTATION MILL NEAR THE C-GOLD ZONE. GOLD ORE WAS OBTAINED FOR THE MILL UNDERGROUND FROM THE YOUNG-SHANNON (C-ZONE) AND FROM A SLOT-TRENCH OPEN PIT ON THE B-GOLD ZONE (SEE MAP 1). THE MILL OPERATED FOR 7 MONTHS WITH THE GOLD BEING SOLD TO THE NORAND GROUP.

IN 1984 AND 1986 ROBERT S. MIDDLETON EXPLORATION SERVICE COMPLETED EXTENSIVE EM-VLF AND IP SURVEYS OVER THE ICE OF THREE DUCK LAKE (MAP 1) AND SEVERAL IP (INDUCED POLARIZATION) ANOMALIES WERE DELINEATED UNDER THE LAKE AND ON THE LAND. THE IP ANOMALIES ON LINES 16W, 24W AND 44W, NORTH OF THE ISLAND IN THREE DUCK LAKE, APPEAR TO ALIGN WITH THE A- AND B- GOLD ZONES (MAP 1) AND MAY REPRESENT A 4000-FOOT LONG, MINERALIZED STRUCTURE LYING UNDER THREE DUCK LAKE AND A POTENTIAL EXTENSION OF THE ADJOINING CHESBAR STRATHMORE-BATES-# 8 GOLD STRUCTURE (SEE MAP 1). SINCE 1986 CHESBAR RESOURCES INC. HAS BEEN ACTIVELY EXPLORING THE ADJACENT CLAIM BLOCK IN JOINT VENTURE WITH MURGOLD RESOURCES INC. THEY HAVE PRESENTLY DECLINED TO 500 VERTICAL FEET ON THE SAME TREND AS YOUNG-SHANNON'S A- AND B-GOLD ZONES (SEE MAP 1). CHESBAR'S LATEST ANNOUNCED RESERVES TO THE 400-FOOT VERTICAL LEVEL IN THESE ZONES ARE 423,527 TONS GRADING 0.223 OUNCES OF GOLD PER TON (JUNE 23, 1988 PRESS RELEASE, MURGOLD RESOURCES INC.). CHESBAR HAS ALSO ANNOUNCED THEY WILL CONSTRUCT A 150 TON PER DAY TEST MILL IN THE SPRING OF 1989. ADDITIONAL RESERVE

ANNOUNCEMENTS FROM THE 400- TO THE 500-FOOT LEVEL ARE EXPECTED SOON. APPARENTLY CHESBAR HAS SWITCHED TO A ONE ASSAY-TON SAMPLE IN THE PAST YEAR IN ORDER TO OVERCOME SEVERE "NUGGET EFFECT" PROBLEMS IN THEIR SAMPLING (J. IRELAND, OGS GEOLOGIST, PERS. COMM.) AS A RESULT OF THE COARSE AND ERRATIC DISTRIBUTION OF NATIVE GOLD IN THEIR VEIN SYSTEMS.

IN 1987 TWO DIAMOND DRILLING PHASES WERE COMPLETED ON THE YOUNG-SHANNON PROPERTY. THE DRILL PROGRAMS WERE FUNDED BY THE YOUNG-SHANNON GOLD PARTNERSHIP (1986), YOUNG-SHANNON GOLD MINES, LIMITED AND NORTHQUEST VENTURES INC.

PHASE I MAY BE BROKEN DOWN INTO:

<u>ZONE DRILLED</u>	<u>NO. OF DDH'S</u>	<u>TOTAL FOOTAGE</u>
A GOLD ZONE	7	2151
B GOLD ZONE	5	1056
C GOLD ZONE	7	3051
TOTALS: 19 HOLES TOTALLING		6258 FEET

PHASE II CONSISTED OF:

<u>ZONE DRILLED</u>	<u>NO. OF DDH'S</u>	<u>TOTAL FOOTAGE</u>
A GOLD ZONE	3	1399
B GOLD ZONE (EXTENSION)	3	644
C GOLD ZONE	10	2944
TOTALS: 16 HOLES TOTALLING		4987 FEET
TOTAL OF PHASES I AND II: 35 HOLES TOTALLING		11245 FEET

THE DATA GENERATED BY THESE TWO DIAMOND DRILLING PHASES FORMS THE BASIS OF THIS REPORT TOGETHER WITH HISTORICAL DATA AND OTHER RECENT EXPLORATION RESULTS.

REGIONAL AND PROPERTY GEOLOGY

YOUNG-SHANNON GOLD MINES, LIMITED'S CHESTER TOWNSHIP PROPERTY LIES WITHIN THE SUPERIOR STRUCTURAL PROVINCE OF THE CANADIAN PRECAMBRIAN SHIELD. THIS AREA CONTAINS SEVERAL ARCHEAN GREENSTONE BELTS WHICH ARE SURROUNDED BY GRANITIC BASEMENT ROCKS. THE GREENSTONE BELTS CONSIST OF ARCHEAN VOLCANICS, PYROCLASTICS AND SEDIMENTS WHICH ARE FOLDED, FAULTED AND INTRUDED BY SUCCESSIONS OF FELSIC AND MAFIC STOCKS, SILLS AND DYES. THE EVOLUTION OF THESE GREENSTONE BELTS INCLUDED DEVELOPMENT OF WORLD CLASS PRECIOUS AND BASE METAL DEPOSITS. THE MOST PROLIFIC GREENSTONE BELT IN THE CANADIAN PRECAMBRIAN SHIELD IS THE ABITIBI "SUPERBELT" WHICH STRETCHES WESTWARD FROM CH BOUGAMAU THROUGH VAL D'OR, KIRKLAND LAKE, TIMMINS AND INTO THE SWAYZE BELT AND CHESTER TOWNSHIP. THE SWAYZE GREENSTONE BELT IS AN AREA OF EAST-WEST STRIKING, STEEPLY-DIPPING, INTERCALATED, MAFIC AND FELSIC VOLCANIC FLOWS, PYROCLASTICS, CHEMICAL SEDIMENTS AND ATTENDANT METASEDIMENTS. THE BELT IS 60 MILES LONG FROM NORTH TO SOUTH AND A MAXIMUM OF 40 MILES WIDE FROM EAST TO WEST. HIGHWAY 101 BOUNDS THE SWAYZE BELT ON THE NORTH AND WEST, HIGHWAY 141 IS THE EASTERN BOUNDARY WHILE THE SOUTHERN BOUNDARY IS THE CANADIAN PACIFIC TRANSCONTINENTAL RAIL LINE.

THE ARCHEAN (2.7 BILLION YEAR OLD) ROCK ASSEMBLAGE GENERALLY STRIKES 110° AND INCLUDES POLYMICTIC CONGLOMERATES,

A GILLITES, GREYWACKES, ARKOSES, SULFIDE- AND/OR OXIDE-FACIES
IRON FORMATIONS AND CHERTS, MAFIC FLOWS, RHYOLITES, BRECCIAS,
AGLOMERATES AND, PYROCLASTICS.

THE WHOLE SEQUENCE IS INTRUDED BY LATE ARCHEAN
FILSIC AND MAFIC INTRUSIONS WHICH LOCALLY MAY ALTER AND
METAMORPHOSE THE HOST ROCKS. SWARMS OF NORTH-TRENDING LATE
PRECAMBRIAN (PROTEROZOIC) DIABASE AND MINOR LAMPROPHYRE DYKES
INTRUDE THE ENTIRE ASSEMBLAGE.

THE ROCKS ARE TIGHTLY FOLDED ABOUT FOLD AXES
SUB-PARALLEL TO THE REGIONAL STRIKE. THE FOLD AXES PLUNGE
SHALLOWLY (15-30°). THIS F1 FOLDING HAS IMPARTED A PERVASIVE S1
CLEAVAGE FRACTURE TO THE LESS COMPETENT ROCKS. THIS S1 CLEAVAGE
IS TRANSPOSED INTO THE BEDDING PLANE AND BECOMES
INDISTINGUISHABLE FROM BEDDING. FAULTING IS COMMON BUT REGIONAL
FAULTS TREND NORTHEASTERLY, NORTHERLY OR NORTHWESTERLY. FAULT
STRUCTURES APPEAR TO BE EXTREMELY IMPORTANT TO THE DEVELOPMENT OF
GOLD DEPOSITS IN THE SWAYZE BELT.

REGIONAL METAMORPHISM IN THE BELT IS LOWER TO UPPER
GRENSCHIST FACIES AND AFFECTS ALL THE ROCK SEQUENCE.

BELOW IS AN IDEALIZED STRATIGRAPHIC COLUMN FOR THE
SI AYZE GREENSTONE BELT:

PL ANEROZOIC

PLEISTOCENE AND REGENT

FLUVIAL, LACUSTRINE AND SWAMP DEPOSITS; AND SILT
AND CLAY.
(UNCONFORMITY)

PR ICAMBRIAN

PROTEROZOIC

DIABASE DYKES
(INTRUSIVE CONTACT)
(LAMPROPHYRE DYKES
(INTRUSIVE CONTACT)

ARCHEAN

FELSIC INTRUSIVE ROCKS INCLUDING; GRANITES, GRANO-
DIORITES, TRONDHJEMITES, PEGMATITES AND MONZONITES
(INTRUSIVE CONTACT)

MAFIC INTRUSIVE AND MIGMATITIC ROCKS INCLUDING;
HORNBLende DIORITES, HORNBLende GABBROS,
HORNBLendITES, GNEISSES AND MIGMATITES.
(INTRUSIVE CONTACT)

SUBVOLCANIC FELSIC ROCKS INCLUDING; FELDSPAR
PORPHYRY, QUARTZ PORHPYRY, QUARTZ-FELDSPAR PORPHYRY
AND DERIVED SCHIST. (EXTRUSIVE CONTACT)

CLASTIC METASEDIMENTS INCLUDING: CONGLOMERATES
ARENITES, WACKES AND DERIVED SCHISTS
(CONFORMABLE CONTACT)

CHEMICAL METASEDIMENTS INCLUDING: CHERT, CHERTY
MUDSTONE, FERRUGINOUS CHERT, SULFIDE- AND/OR OXIDE-
FACIES IRON FORMATIONS
(CONFORMABLE CONTACT)

FELSIC AND INTERMEDIATE METAVOLCANICS INCLUDING;
MASSIVE OR FOLIATED FLOWS, BRECCIAS, LAPILLI AND
ASH TUFFS AND MIGMATITIC PYROCLASTICS,
(CONFORMABLE CONTACT)

MAFIC METASEDIMENTS INCLUDING: MASSIVE AND FOLIATED
THOLEIITIC FLOWS, PILLOWED FLOWS, VESICULAR AND/OR
AMYGDALOIDAL FLOWS AND DERIVED SCHISTS AND
PYROCLASTICS.

YOUNG-SHANNON'S CHESTER TOWNSHIP PROPERTY IS MAINLY
UNDERLAIN BY A LATE ARCHEAN GRANODIORITIC INTRUSION WHICH
CONTAINS MORE MAFIC PHASES (MAP 1). THE INTRUSIVE ALSO CONTAINS
REMNANTS OR RAFTS OF OLDER ARCHEAN GREENSTONES, INCLUDING MAFIC
AND FELSIC METATUFFS. THESE XENOLITHS ARE EXTENSIVELY ALTERED
AND, BECAUSE THEY WERE LESS COMPETENT THAN THE GRANODIORITE, WERE
THE LOCI FOR LATER FRACTURING AND SHEARING. THESE SHEARED AND
ALTERED ZONES BECAME THE PREFERRED PLUMBING SYSTEM FOR THE LATE-
STAGE PRECIOUS/BASE METAL MINERALIZATION FOUND THROUGHOUT THE

TOWNSHIP.

THE GRANODIORITE IS A BLuish-GREY, HARD UNIT COMPRISED MAINLY OF FELDSPAR, QUARTZ, BIOTITE AND AMPHIBOLES. TIONDHJEMITES, PEGMATITES, MONZONITES, QUARTZ DIORITES AND DIORITES MAY ALSO OCCUR AS PHASE VARIATIONS WITHIN WHAT LAIRD (1932) TERMED THE "GRANITE-DIORITE COMPLEX".

SIRAGUSA (1981) REGARDED THIS INTRUSIVE COMPLEX AS THE "UPPER, AND MOST LIKELY CALC-ALKALINE, SECTION OF A TIGHTLY FOLDED SYNCLINAL VOLCANIC SEQUENCE, THE LOWER SECTION OF WHICH IS REPRESENTED BY NORTHERN AND SOUTHERN BASALTIC BELTS".

EARLY MAPPING IN THE TOWNSHIP IDENTIFIED TWO BROAD AREAS OF "GREENSTONE UNITS" OR REMNANTS BUT WHICH WERE LATER IDENTIFIED BY SIRAGUSA AS SUB-PHASES OF THE MAIN INTRUSIVE AND CALLED HORNBLLENDE DIORITES (MAP 1). ONE HORNBLLENDE DIORITE UNIT BROADLY FOLLOWS C-GOLD ZONE WHILE THE OTHER APPROXIMATES A-GOLD ZONE. FROM DETAILED LOGGING OF THE DRILL CORE IT IS APPARENT THE GEOLOGY OF THIS "HORNBLLENDE DIORITE" UNIT IS NOT SO SIMPLE. FIRSTLY THE UNIT VARIES FROM FINELY BANDED FELSIC METATUFFS TO MAfic, CHLORITIC SCHISTS. THESE UNITS ARE OFTEN EXTENSIVELY SHEARED AND QUARTZ-CARBONATE-SULFIDE VEINS, VEINLETS AND STOCKWORKS PENETRATE THE ROCK. FINALLY, THE CORE ANGLES OF THE BANDED (BEDDING?) VARY WILDLY FROM SECTION TO SECTION AND WITHIN A SHEARED SECTION.

THE ONE FINAL ROCK TYPE ENCOUNTERED IS THE NORTH-TRENDING, FINE-GRAINED PROTEROZOIC DIABASE DYKES (MAP 1). THIS UNIT APPEARS TO BE POST-MINERALIZATION AND IT FAILS TO AFFECT THE GOLD ZONES OTHER THAN A MINOR OFFSET OF A FEW FEET AT MOST.

FAULTING IS EXTENSIVELY DEVELOPED WITHIN THE INTRUSION AND IS ONE OF THE CONTROLS TO GOLD MINERALIZATION. FAULT ZONES, IN TURN, PREFERENTIALLY DEVELOP ALONG THE METATUFF SECTIONS AND ARE STRONGLY DEVELOPED WITHIN THESE METATUFF SECTIONS. THUS IT IS MORE THAN COINCIDENT THAT THE TWO HORNBLENDE DIORITE UNITS COINCIDE WITH THE A- AND C-GOLD ZONES.

ECONOMIC GEOLOGY

ALFRED GOSSELIN'S INITIAL GOLD DISCOVERY (A-GOLD ZONE) IN 1930 ON THE EAST SHORE OF THREE DUCK LAKE IS TYPICAL OF THE GOLD MINERALIZATION ENCOUNTERED TO THIS DAY IN CHESTER TOWNSHIP. LAIRD (1932) DESCRIBED THE GOSSELIN SHOWING AS "A SPECTACULAR SHOWING OF NATIVE GOLD IT WAS THIS DISCOVERY THAT LED TO FURTHER ACTIVITY WITH THE RESULT THAT MORE FINDS WERE MADE DURING THE FIELD SEASON OF 1931". SEVERAL OF THESE NEW DISCOVERIES WERE MADE ON OR ADJACENT TO THE PRESENT YOUNG-SHANNON PROPERTY:

(A) GOSSELIN (A-GOLD ZONE) SHOWING WAS SITUATED IN CLAIM S-20095. THE VEIN IS A LENTICULAR BODY IN AN EAST-WEST FRACTURE ZONE, EXPOSED ALONG 100 FEET. THE LENS CONSISTS OF MINERALIZED QUARTZ AND ALTERED COUNTRY ROCK. THE QUARTZ CARRIED SPECTACULAR QUANTITIES OF VISIBLE GOLD. GOLD VALUES ARE ALSO REPORTED FROM THE WALLROCK. LAIRD REPORTS A CHANNEL SAMPLE ACROSS 10 FEET AVERAGED 0.66 OUNCES OF GOLD PER TON (ALL PARAPHRASED FROM LAIRD, 1932).

(B) THE SECOND GOLD VEIN SYSTEM DESCRIBED BY LAIRD LIES JUST NORTH OF CLAIM S-19971'S SOUTHERN BOUNDARY (C-GOLD ZONE). HERE THREE PARALLEL, EAST-WEST BEARING QUARTZ VEINS CONTAIN MINUTE SPECKS OF VISIBLE GOLD. THE VEINS ARE CLOSE TOGETHER, DIP 45° NORTH AND THE LARGEST VEIN IS 4 FEET WIDE. (ALL

PARAPHRASED FROM LAIRD, 1932).

YOUNG-SHANNON GOLD MINES, LIMITED WAS INCORPORATED IN 1932 TO EXPLORE AND DEVELOP CLAIMS IN THE CLAM LAKE AREA OF WEST CHESTER TOWNSHIP. BY 1934 YOUNG-SHANNON HAD ACQUIRED SOME, IF NOT ALL, THE ORIGINAL 25 CLAIM GROUP STAKED BY THE THREE DUCKS SYNDICATE. THE WORK FROM 1934-1936 INCLUDED STRIPPING AND TRENCHING, DIAMOND DRILLING OF THE GOSSELIN (A-GOLD ZONE) AND COUÉ LAKE (C-GOLD ZONE). IN 1936 AN INCLINED SHAFT WAS SUNK ON THE LATTER SHOWING TO THE FIRST LEVEL TOGETHER WITH 172 FEET OF LATERAL DEVELOPMENT. MAP 2 IN THE POCKET OF THIS REPORT SHOWS THE 1936 FIRST LEVEL SAMPLING RESULTS. THE FIRST LEVEL WORK ENCOUNTERED A LENTICULAR QUARTZ, CARBONATE, NATIVE GOLD, CHALCOPYRITE, PYRITE, PYRRHOTITE, TOURMALINE, SPHALERITE, BOHNITE, ARSENOPYRITE, COVELLITE, MALACHITE, AZURITE, MOLYBDENITE, SCHEELITE, MOLYBDITE AND TELLURIDE VEIN SYSTEM. CHORITE, SERICITE, ANKERITE AND CALCITE ARE THE MAIN GANGUE MINERALS. THESE GOLD SYSTEMS ARE NOT SIMPLE, SINGLE VEINS RATHER THEY ARE COMPLEX VEINS WITH QUARTZ-CARBONATE STOCKWORKS, CONCENTRATIONS OF VEINLETS, TENSION FILLS AND HORSETAILS OFF THE MAIN TREND. THESE VEIN SYSTEMS ARE HOSTED BY ALTERED, SHEARED, FRACTURED AND MINERALIZED HOST ROCKS, USUALLY METATUFFS, WHICH OFTEN CARRY SIGNIFICANT GOLD VALUES. SEVERAL ADDITIONAL GOLD SYSTEMS OCCUR IN THE HANGING- AND FOOTWALLS OF THE MAIN GOLD

ZONE. THIS GEOLOGICAL DESCRIPTION MATCHES CHESBAR RESOURCES INC.'S UNDERGROUND EXPERIENCE ON THE ADJOINING MURGOLD RESOURCES INC. PROPERTY WHERE SIMILAR VEIN SYSTEMS ARE BEING DEVELOPED UNDERGROUND. THEY FOUND BOTH MAIN VEIN SYSTEMS AND HORSETAIL VEIN SYSTEMS ARE OF ECONOMIC INTEREST. IT MIGHT BE NOTED THAT CHESBAR RESOURCES INC. DRILLED ONLY 13 SURFACE DIAMOND DRILL HOLES IN 1986 BEFORE COMMENCING A DECLINE TO EXPLORE THE COMPLEX GOLD VEIN SYSTEMS FROM UNDERGROUND.

THE THREE MAIN GOLD SYSTEMS ON THE YOUNG-SHANNON PROPERTY, THE A-, B- AND C-GOLD ZONES, TREND IN TWO DIFFERENT DIRECTIONS. THE A- AND B-GOLD ZONES TREND 282° (TRUE) WHILE THE C-GOLD ZONE STRIKES 060° (TRUE). THE POSSIBLE EXTENSIONS OF THE A- AND B-GOLD ZONES TREND THROUGH IP ANOMALIES UNDER THREE DUCK LAKE FOR OVER 4000 FEET. THE ENTIRE A- AND B-GOLD SYSTEM APPEARS TO BE THE NORTHWESTERLY EXTENSION OF CHESBAR RESOURCES INC. VEINS 3 AND 8 (SEE MAP 1).

C-GOLD ZONE TRENDS 2800 FEET TOWARD THE A- AND B-GOLD ZONE EXTENSION AND APPEARS TO CROSS THIS TREND JUST NORTHWEST OF THE THREE DUCK LAKE ISLAND. OBVIOUSLY THIS JUNCTURE OF THE A-, B- AND C-GOLD ZONES SHOULD BE OF EXTREME EXPLORATION INTEREST, PARTICULARLY AS AN IP ANOMALY COINCIDES WITH THIS JUNCTURE.

DURING 1987 TWO PHASES OF DIAMOND DRILLING WERE

COMPLETED ON ALL THREE GOLD ZONES. THE SIGNIFICANT RESULTS ARE SUMMARIZED IN TABLE 1:

TABLE I

A-Gold Zone

Hole Number	From	To	Interval (feet)	Gold (ozs. per ton) Erana	
87-1	101.5	102.5	1.0	0.54	
	277.0	280.0	3.0	0.03	
	<u>from 307.0-317.0'</u>				
	307.0	312.0	5.0	0.11	
<u>averages 0.80 oz/ton</u>					
<u>gold (uncut) across</u>					
	<u>10.0 feet</u>	312.0	315.0	3.0	0.01
	<u>(Native Gold)</u>	315.0	317.0	2.0	3.71
87.2	183.3	185.0	1.7	0.045	
	<u>from 249.0-259.0'</u>				
	249.0	254.0	5.0	0.160	
	<u>averages 0.093 oz/ton</u>				
	<u>gold across 10.0 feet</u>				
	304.0	306.7	2.7	0.029	
	339.0	344.0	5.0	0.025	
87-3	100.0	104.0	4.0	0.075	
	116.3	119.0	2.7	0.028	
	125.7	129.0	3.3	0.098	
	129.0	132.0	3.0	0.025	
	132.0	135.0	3.0	0.020	
	135.0	138.0	3.0	0.027	
	138.0	139.9	1.9	0.018	
	139.9	142.8	2.9	0.038	
	149.3	151.5	2.2	0.076	
	153.4	155.8	2.4	0.025	
	188.4	191.6	3.2	0.024	

1-GOLD ZONE (continued)

Core Number	From	To	Interval (Feet)	Gold (ozs. per ton) Erana				
37-4	102.6	106.8	4.2	0.028				
	106.8	108.8	2.0	0.039				
	123.2	127.2	4.0	0.025				
	127.2	130.0	2.8	0.037				
	134.4	136.8	2.4	0.022				
37-6	42.3	46.0	3.7	0.031				
	86.1	89.0	2.9	0.147				
	92.6	96.5	3.9	0.024				
	150.6	151.8	1.2	0.020				
					<u>Swastika</u>			
37.7	98.8	103.0	4.2	0.045				
	225.5	228.0	2.5	0.354	1.062			
37-10	129.0	131.0	2.0	0.094				
					<u>Bell-White</u>			
37-30A ✓	60.2	61.8	1.6	0.063	0.068			
	141.2	144.0	3.8	0.299*	0.175/			
	<u>from 141.2-146.5'</u>				0.518			
	<u>Averages 0.211 oz/ton</u>			144.0	146.5	2.5	0.070	
	<u>Gold across 6.2 feet</u>			170.5	172.5	2.0	0.022	
				172.5	175.5	3.0	0.048*	
				220.0	223.0	3.0	0.021	
				306.4	307.0	0.6	0.055*	0.084
37-31A	147.3	149.1	1.8	0.223*	0.218			
	491.1	493.8	2.7	0.080				
	524.8	527.4	2.6	0.020				
	543.3	544.8	1.5	0.038				

1-GOLD ZONE (continued)

A-GOLD ZONE (continued)

Hole Number	From	To	Interval (feet)	Gold (ozs. per ton)	
				Erana	
E7-32 ✓	88.0	91.4	3.4	0.020	
	220.5	223.2	2.7	0.030	

E-GOLD ZONE

					<u>Swastika</u>
E7-12	No Significant Results				
E7-13	No Significant Results				
E7-14	110.5	112.0	1.5	1.20	0.213
<u>From 110.5-115.0</u>	112.0	115.0	3.0	0.153	
<u>averages 0.50 oz/ton</u>					
<u>(uncut) gold across</u>					
<u>4.5 feet</u>					
E7-15	117.7	121.3	3.6	0.061	
	126.7	129.6	2.9	0.033	
E7-17	No Significant Results				

C-GOLD ZONE

<u>File Number</u>	<u>From</u>	<u>To</u>	<u>Interval</u> <u>(feet)</u>	<u>Gold (ozs. per ton)</u> <u>Erana</u>	
E7-5	77.0	80.7	3.7	0.111	
	84.3	87.0	2.7	0.021	
	98.0	102.0	4.0	0.022	
	368.7	371.7	3.0	0.025	
	371.7	374.7	3.0	0.021	
E7-8	173.9	177.0	3.1	0.044	
	213.6	215.7	2.1	0.034	
	227.0	229.1	2.1	0.022	
	229.1	233.9	4.8	0.032	
	394.0	397.0	3.0	0.05	
	397.0	400.0	3.0	0.02	
	405.0	407.0	2.0	1.88	
	<u>(Native Gold)</u>	407.0	412.0	5.0	3.30
		412.0	416.1	4.1	0.034
	<u>From 405.0 to 449.9'</u>	416.1	417.9	1.8	0.214
<u>Averages 0.557 oz./ton</u>	417.9	420.9	3.0	0.043	
<u>gold (uncut) across</u>	420.9	423.5	2.6	0.017	
<u>44.9 feet</u>	423.5	426.0	2.5	0.085	
	426.0	431.0	5.0	0.46	
	431.0	434.5	3.5	0.015	
	434.5	437.0	2.5	0.024	
	437.0	440.0	3.0	0.012	
	440.0	443.0	3.0	0.242	
	443.0	447.8	4.8	0.102	
	447.8	449.9	2.1	0.079	
	459.9	461.8	1.9	0.066	

(-GOLD ZONE (continued)

<u>Hole Number</u>	<u>From</u>	<u>To</u>	<u>Interval</u> <u>(feet)</u>	<u>Gold (ozs. per ton)</u> <u>Erana</u>
<u>87-8 (continued)</u>				
<u>From 480.0-487.0'</u>	480.2	481.8	1.6	1.50
<u>Averages 0.374 oz./ton</u>	481.8	484.9	3.1	0.018
<u>Gold (uncut) across</u>	484.9	487.0	2.1	0.040
<u>8.8 feet.</u>				
<u>From 573.9-582.0'</u>	573.9	576.7	2.8	0.045
<u>Averages 0.19 oz./ton</u>	576.7	578.5	1.8	0.760
<u>Gold across 8.1 feet</u>	578.5	582.0	3.5	0.013
87-9				
	70.5	71.0	0.5	0.22
	118.5	119.0	0.5	0.11
	165.5	166.0	0.5	0.03
87-11				
	57.9	61.0	3.1	0.082
	203.8	207.0	3.2	0.052
	217.0	219.2	2.2	0.017
	219.2	221.7	2.5	0.089
87-16				
	69.7	72.4	2.7	0.34
	153.6	154.5	0.9	0.043
	165.6	167.6	2.0	0.037
	224.5	228.5	4.0	0.050
87-18				
	95.6	97.2	0.6	0.026
<u>From 240.7-246.7'</u>	99.4	100.4	1.0	0.110
<u>Averages 1.373 oz./ton</u>	158.1	159.3	1.2	0.023
<u>Gold (uncut) across 6.0</u>				
<u>feet (Native Gold)</u>	242.7	244.7	2.0	4.12
	259.4	260.8	1.4	0.022

1-ZONE (continued)

Core Number	From	To	Interval (feet)	Gold (ozs. per ton) Erana
87-19	96.5	100.1	3.6	0.021
<u>From 128.0-137.3'</u>	128.0	130.7	2.7	0.011
<u>Averages 0.322 oz./</u>	130.7	133.8	3.1	0.943
<u>ton gold across</u>	133.8	137.3	3.5	0.011
<u>1.3 feet</u>	149.6	153.9	4.3	0.166
	211.3	213.7	2.4	0.223
87-30	41.0	44.1	3.1	0.029
<u>From 41.0-46.8'</u>	44.1	46.8	2.7	0.164
<u>Averages 0.092 oz./</u>	62.5	65.3	2.8	0.068
<u>ton gold across</u>	77.5	80.6	3.1	0.022
<u>1.8 feet</u>	189.3	191.9	2.6	0.021
	296.4	298.7	2.3	0.042
	298.7	300.4	1.7	0.012
	300.4	302.8	2.4	0.772
<u>From 296.4-313.5'</u>	302.8	307.0	4.2	0.043
<u>Averages 0.138 oz./</u>	307.0	310.5	3.5	0.004
<u>ton gold across</u>	310.5	313.5	3.0	0.052
<u>6.8 feet</u>	367.1	370.0	2.9	0.052
87-31	143.0	145.6	2.6	0.026
	262.7	265.5	2.8	0.052
	291.4	292.6	1.2	0.039
	297.9	299.3	1.4	0.122

(-GOLD ZONE (continued)

C-GOLD ZONE (continued)

Hole Number	From	To	Interval (feet)	Gold (ozs. per ton)	
				Erana	Bell-White
87-33	42.5	44.1	1.6	0.039	
<u>From 42.5-54.2'</u>	44.1	47.0	2.9	0.014	
<u>averages 0.033 oz./ton</u>	48.2	52.5	4.3	0.046	
<u>gold across 11.7 feet</u>	52.5	54.2	1.7	0.048	
	66.5	68.1	1.6	0.026	
	70.2	73.0	2.8	0.025	
	75.5	78.25	2.75	0.038	
	80.5	82.5	2.0	0.020	
	124.0	125.5	1.5	0.030	0.002
87-34	72.5	75.7	3.2	0.025	0.036
	77.2	79.0	1.8	0.692*	0.388*/ 0.285*
<u>From 72.5-86.0'</u>	79.0	82.0	3.0	0.022	
<u>averages 0.113 oz./ton</u>	82.0	83.0	1.0	0.014	
<u>gold across 13.5 feet.</u>	83.0	86.0	3.0	0.041	0.040
	92.0	94.5	2.5	0.021	
	101.1	103.5	2.4	0.095*	0.034
	124.0	126.5	2.5	0.040	0.008
	167.0	168.4	1.4	0.087	0.056
	185.0	187.0	2.0	0.028	0.028
	247.0	248.5	1.5	0.033*	
	248.5	251.4	2.9	0.135*	0.219*/ 0.195*
<u>(Native Gold)</u>	251.4	253.0	1.6	---	1.37 *
<u>From 247.0-258.7'</u>	253.0	255.0	2.0	0.003	
<u>averages 0.230 oz/ton</u>	255.0	257.7	2.7	0.002	
<u>gold (uncut) across</u>	257.7	258.7	1.0	0.045	
<u>11.7 feet</u>					

C-GOLD ZONE (continued)

C-GOLD ZONE (continued)

Hole Number	From	To	Interval (feet)	Gold (ozs. per ton) Erana	<u>Bell-White</u>
8'-35 ✓	47.5	52.5	5.0	0.046	0.028
	118.3	121.7	3.4	0.024	0.006
	121.7	126.5	4.8	0.029	0.020
	139.2	141.5	2.3	0.063	0.004
	179.9	185.5	5.6	0.024	0.018
	185.5	191.4	5.9	0.032	0.018
	195.7	199.8	4.1	0.023	0.020
8'-36 ✓	56.0	59.0	3.0	0.031	
<u>From 56.0 - 62.0'</u>	59.0	62.0	3.0	0.146*	0.184*/
<u>averages 0.089 oz./ton</u>					0.157*
<u>gold across 6.0 feet</u>	71.0	74.1	3.1	0.024	
	173.0	176.1	3.1	0.039	
	198.0	200.6	2.6	0.025	
	248.9	253.6	4.7	0.024	
	256.1	259.5	3.4	0.032	
	283.7	287.0	3.3	0.030	
8'-37 ✓	24.5	27.0	2.5	0.022	
<u>From 232.4-244.0'</u>	50.0	52.4	2.4	0.125*	Trace/
<u>averages 0.102 oz./ton</u>					0.090
<u>gold across 11.6 feet</u>	153.2	154.8	1.6	0.031	
	232.4	236.2	1.8	0.006	
<u>(Native Gold)</u>	236.2	239.9	3.7		0.305*
	239.9	244.0	4.1	0.010	

1-GOLD ZONE (continued)

Core Number	From	To	Interval (feet)	Gold (ozs. per ton) Erana	<u>Bell-White</u>
7-38 ✓	87.0	88.5	1.5	0.043	
	97.5	99.8	2.3	0.075*	0.086
(Native Gold)	115.2	119.0	3.8	1.904*	2.05
From 115.2-121.5'	119.0	121.5	2.5	0.003	
Averages 1.15 oz/ton	153.3	155.3	2.0	0.060*	0.158
Gold (uncut) across	155.3	157.7	2.4	0.033	
1.3 feet	183.0	186.0	3.0	0.031	
	186.0	188.6	2.6	0.024	
7-39 ✓	42.2	43.7	1.5	0.091*	0.116
	47.7	50.7	3.0	0.020	0.018
(Native Gold)	73.4	77.0	3.6	0.657*	1.06
From 73.4-80.0'	77.0	80.0	3.0	0.004	
Averages 0.36 oz./ton	175.4	178.0	2.6	0.231*	0.028
Gold across 6.6 feet.	189.4	192.4	3.0	0.139*	0.409
	196.5	199.5	3.0	0.023	
(Native Gold)	199.5	203.0	3.5	1.66	
From 196.5-203.0'	222.5	225.0	2.5	0.094	
Averages 0.904 oz./ton					
Gold (uncut) across					
1.5 feet.					

(-GOLD ZONE (continued)

Hole Number	From	To	Interval (feet)	Gold (ozs. per ton)	
				Erana	<u>Bell-White</u>
87-40	103.5	106.0	2.5	0.087	0.036
87-41	42.0	43.0	1.0	0.184*	0.219
<u>Wing Hole Off</u>	43.0	47.5	4.5	0.090*	
<u>(-Zone Sections)</u>	271.5	272.0	0.5	0.040	
<u>From 42.0-47.5'</u>	282.0	283.0	1.0	0.563*	
<u>averages 0.107 oz./ton</u>					
<u>gold across 5.5 feet.</u>					

* denotes a sample that is an
average of two or more assays.

TABLE I IS SIGNIFICANT FOR SEVERAL REASONS:

(A) IT SHOWS SIGNIFICANT GOLD VALUES IN ALL THREE GOLD ZONES.

(B) CLEARLY THE C-GOLD ZONE IS THE MOST ENCOURAGING, PERHAPS AS A RESULT OF MORE EXTENSIVE AND DETAILED EXPLORATION WORK. A-GOLD ZONE AND THEN THE B-GOLD ZONE ARE IN DESCENDING ORDER OF RESULTS.

(C) THE C-ZONE HAS A STRONG GOLD SYSTEM WITH NATIVE GOLD SHOWINGS ALONG ITS PRESENT 1600-FOOT LENGTH.

(D) THE C-ZONE ALSO HAS SEVERAL ATTENDANT AND VERY STRONG GOLD SYSTEMS IN BOTH THE HANGINGWALL AND FOOTWALL OF THE MAIN GOLD ZONE.

(E) IF WE STUDY THE CHECK ASSAYS OF SWASTIKA AND BELL-WHITE LABORATORIES WE PERCEIVE LARGE DIFFERENCES BOTH BETWEEN ERANA ASSAYS BY ATOMIC ABSORPTION AND BELL-WHITE CHECK ASSAYS BY FIRE ASSAY AND, SIGNIFICANTLY, BETWEEN BELL-WHITE FIRE ASSAY RESULTS ON THE PULP AND REJECT SAMPLES OF THE SAME CORE SECTION. CLEARLY WE HAVE A "NUGGET EFFECT" PROBLEM AT THE

YOUNG-SHANNON. ACCORDING TO JIM IRELAND, ECONOMIC GEOLOGIST FOR THE ONTARIO GEOLOGICAL SURVEY, CHESBAR RESOURCES INC. HAD A SIMILAR PROBLEM WITH ERRATIC SAMPLE RESULTS IN THE UPPER LEVELS OF THEIR DECLINE. THEY HAVE SINCE GONE TO 1 ASSAY-TON SAMPLE ALIQUOTS RESULTING IN BETTER SAMPLE ACCURACY AND, INTERESTINGLY, CONSISTENTLY HIGHER AVERAGE ASSAY RESULTS FOR THE LOWER DECLINE LEVELS (PERS. COMM.).

(F) THE C-GOLD ZONE REMAINS OPEN ALONG BOTH STRIKE DIRECTIONS AND DOWN DIP.

(G) SIRAGUSA (1981) DESCRIBES THE C-GOLD ZONE AS CONTAINING "3680 TONS OF ORE AVERAGING 0.46 OUNCES OF GOLD PER TON. IT HAS BEEN BLOCKED OUT BY UNDERGROUND DEVELOPMENT ON TWO LEVELS...".

APPENDIX III OF THIS REPORT SHOWS THE 1987 DIAMOND DRILL HOLE SECTIONS, ASSAY RESULTS AND PRELIMINARY INTERPRETATIONS.

CONCLUSIONS

THESE SALIENT POINTS MAY BE MADE REGARDING YOUNG-SHANNON GOLD MINES, LIMITED'S CHESTER TOWNSHIP GOLD PROPERTY:

1. THE SUBJECT PROPERTY LIES IN THE SWAYZE GREENSTONE BELT, PART OF THE CANADIAN PRECAMBRIAN SHIELD WHICH IS THE HOST FOR MAJOR PRECIOUS AND BASE METAL DEPOSITS.

2. THE PROPERTY IS UNDERLAIN BY A LATE ARCHEAN (2.7 BILLION YEAR OLD) GRANODIORITE INTRUSIVE COMPLEX WHICH HAS INTRUDED OLDER ARCHEAN METAVOLCANICS AND METATUFFS.

3. METAVOLCANIC AND METATUFF REMNANTS ARE ISOLATED WITHIN THE INTRUSIVE COMPLEX AND THEY APPEAR TO HAVE SERVED AS LOCAL FOCUS FOR LATER FAULT AND SHEAR DEVELOPMENT.

4. ATTENDANT WITH LATE STAGE FAULTING IS THE INJECTION OF GOLD-BEARING QUARTZ VEIN SYSTEMS.

5. GOLD WAS INITIALLY DISCOVERED ON THE SUBJECT PROPERTY IN 1930 (A-GOLD ZONE). THIS DISCOVERY WAS CLOSELY FOLLOWED BY THE C- AND LATER THE B-GOLD ZONE.

6. GOLD IS USUALLY FOUND IN A NATIVE STATE IN QUARTZ, CARBONATE, CHALCOPYRITE, PYRITE, PYRRHOTITE, TOURMALINE, SPHALERITE, BORNITE, ARSENOPYRITE, COVELLITE, MALACHITE, AZURITE, MOLYBDENITE, SCHEELITE, MOLYBDITE AND TELLURIDE VEIN SYSTEMS.

7. THE A- AND B-GOLD ZONES TREND 282° AND APPEAR TO BE THE EXTENSION OF THE ADJACENT CHESBAR-MURGOLD JOINT VENTURE GOLD STRUCTURE. THIS LATTER STRUCTURE PRESENTLY CONTAINS ANNOUNCED RESERVES OF 423,547 TONS GRADING 0.223 OUNCES OF GOLD PER TON TO THE 400 VERTICAL FOOT LEVEL. INDUCED POLARIZATION ANOMALIES UNDER THREE DUCK LAKE TREND OVER 4000 FEET TO JOIN THE A- AND B-ZONES.

8. THE C-GOLD ZONE TRENDS 060° AND DIPS 70° SOUTHEAST. THE C-ZONE IS DEVELOPED VIA AN INCLINED SHAFT AND 2 LEVELS. PRESENTLY THE C-ZONE IS 1600 FEET LONG AND ITS EXTENSION TO THE NORTHEAST SHOULD HIT THE A-B ZONE TREND UNDER THREE DUCK LAKE AND MAY PROVE AN INTERESTING EXPLORATION TARGET.

9. DURING 1987 TWO DIAMOND DRILL PHASES WERE COMPLETED ON THE YOUNG-SHANNON PROPERTY. A TOTAL OF 11,245 FEET OF BQ CORE WAS COMPLETED IN 35 HOLES.

10. THE C-GOLD ZONE HAD THE BEST RESULTS. THE ZONE WAS DEFINED FOR A 1600-FOOT STRIKE LENGTH WITH NATIVE GOLD IN THE COPE AT LEAST SEVEN TIMES. THE BEST HOLE, 87-8 HAD A 44.9 FOOT SECTION GRADING 0.557 OUNCES OF GOLD PER TON (UNCUT) WHILE SEVERAL OTHER HOLES CONTAINED ECONOMIC CONCENTRATIONS OF GOLD.

11. A-GOLD ZONE DRILLING DELINEATED SEVERAL GOLD ZONES, THE BEST BEING IN HOLE 87-1 WHERE 10 FEET AVERAGED 0.80 OUNCES OF GOLD PER TON (UNCUT).

12. B-GOLD ZONE DRILLING HAD MIXED RESULTS WITH THE BEST HOLE, 87-14, CUTTING 4.5 FEET GRADING 0.50 OUNCES OF GOLD PER TON (UNCUT).

13. THE 1987 DRILLING PRODUCED SOME SPECTACULAR RESULTS AND CLEARLY FURTHER WORK IS JUSTIFIED.

RECOMMENDATIONS AND BUDGET ESTIMATE

BASED ON THE PRESENCE OF THREE GOLD ZONES AND THE EXCELLENT 1987 DIAMOND DRILLING RESULTS WE ARE RECOMMENDING A TWO-PHASE EXPLORATION PROGRAM TOTALLING \$2,787,000.

PHASE I

(A) DIAMOND DRILLING (BQ CORE)		
16,000 FEET AT \$25/FOOT	\$	400,000
(INCLUDES MOB-DEMOB, ALL DRILLING COSTS, CORE BOXES, WATER LINES AND MOVES)		
(B) ASSAYING		
1000 SAMPLES @ \$16.00/SAMPLE		16,000
300 SAMPLES @ \$30/SAMPLE		9,000
(INCLUDES SAMPLE PREPARATION AND ASSAYING)		
(C) CORE HANDLING, SAMPLING, LOGGING & SURVEYING		
90 DAYS @ \$300/DAY		27,000
(INCLUDES GEOLOGIST OR SURVEYORS OR TECHNICIAN PLUS ROOM, BOARD AND TRANSPORT)		
(D) REPORT PREPARATION AND CONSULTING		
20 DAYS @ \$500/DAY		10,000
(E) CONTINGENCIES (≈ 10%)		<u>45,000</u>
TOTAL OF PHASE I	\$	507,000

PHASE II

(A)	DECLINE (-15%) TO 300 VERTICAL FEET 2000 FEET @ \$750/FOOT	\$1,500,000
	(INCLUDES CONTRACTING COSTS AND SERVICES)	
(B)	CROSSCUTTING, DRIFTING & RAISING 1000 FEET @ \$400/FOOT	400,000
	(INCLUDES CONTRACTING COSTS AND SERVICES)	
(C)	UNDERGROUND SAMPLING 500 SAMPLES @ \$45/SAMPLE	22,500
	(INCLUDES COLLECTION COSTS, SAMPLE PREPARATION AND ASSAYING)	
(D)	UNDERGROUND DRILLING 5000 FEET @ \$12.00/FOOT	60,000
	(INCLUDES ALL DRILLING COSTS AND CORE BOXES)	

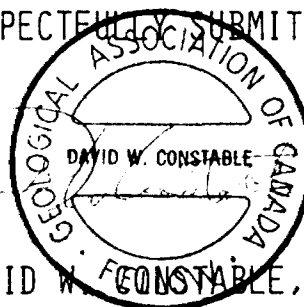
(E) GEOLOGICAL MAPPING, LOGGING & SUPERVISION 80 DAYS @ \$500/DAY	40,000
(F) ASSAYING 500 SAMPLES @ \$45/SAMPLE	22,500
(INCLUDES CORE SPLITTING, SAMPLE PREPARATION AND ASSAYING)	
(G) ENGINEERING, SURVEYING, REPORT PREPARATION AND CONSULTING	35,000
(H) CONTINGENCIES (\approx 10%)	<u>200,000</u>
TOTAL OF PHASE II	\$2,280,000
TOTAL OF PHASE I	<u>\$ 507,000</u>
<u>TOTAL OF PHASES I AND II</u>	<u>\$2,787,000</u>

PHASE I IS PRIMARILY A SURFACE DIAMOND DRILLING PROGRAM CONCENTRATED ON THE C-GOLD ZONE AND THE EXTENSIONS OF A-I-C-GOLD ZONES UNDER THREE DUCK LAKE. EXTENSIVE SURVEYING OF THE OLD AND NEW HOLES IS A NECESSITY FOR FUTURE CONTROL AND EVALUATION OF THE RESULTS. AN EFFORT SHOULD ALSO BE MADE TO SOLVE THE ASSAYING PROBLEMS DUE TO THE NUGGET EFFECT OF THE NATIVE GOLD IN THE MINERALIZATION. WE RECOMMEND THE OLD SAMPLES THAT ASSAYED GREATER THAN 0.05 OUNCES OF GOLD PER TON BE RE-RUN USING FULL METALLICS. DURING THE NEW DRILLING METALLICS AND/OR 1 ASSAY-TON ALIQUOTS SHOULD BE UTILIZED TO STABILIZE THE ASSAY VALUES. AT THE END OF PHASE I, IF RESULTS JUSTIFY IT, AN EXPLORATION DECLINE SHOULD BE PLANNED.

PHASE II INCLUDES THE DECLINE, UNDERGROUND WORKINGS, UNDERGROUND SAMPLING, UNDERGROUND DRILLING AND MAPPING. AT THE END OF PHASE II A FEASIBILITY REPORT SHOULD BE POSSIBLE.

DATED AT SUDBURY, ONTARIO THIS 15TH DAY OF OCTOBER, 1988

RESPECTFULLY SUBMITTED



DAVID W. CONSTABLE, HBSc., F.G.A.C.
CONSULTING GEOLOGIST

ACKNOWLEDGEMENTS

THE AUTHOR WISHES TO ACKNOWLEDGE THE ASSISTANCE OF TWO PEOPLE DURING THIS REPORT'S PREPARATION. INITIALLY, DR. CAM CHERITON, P.ENG. WHO SUPERVISED THE FIRST TWO DRILLING PHASES ON THE YOUNG-SHANNON PROPERTY. DR. CHERITON, IN ADDITION TO HIS GEOLOGICAL PERCEPTION AND ENTHUSIASM, HAS MATERIALLY AIDED THE AUTHOR BY MAKING HIS LOGS AND DRILL HOLE LOCATIONS AVAILABLE.

PETER WALLGREN, GEOLOGICAL TECHNOLOGIST, EXHIBITED GREAT CARE AND PATIENCE IN SPLITTING HUNDREDS OF CORE SECTIONS.

ALL ERRORS OR OMISSIONS ARE SOLELY THE AUTHOR'S RESPONSIBILITY.

FINALLY A WORD ABOUT CUTTING HIGH GOLD ASSAYS TO AN ARBITRARY 1.0 OR 0.5 OUNCES PER TON. THIS PRACTICE IS AN ATTEMPT TO RECONCILE DRILL AND OTHER RESERVE GRADES WITH THE ACTUAL MILLHEADS. THIS RECONCILIATION REQUIRES EXPERIENCE WITH MILLING A PARTICULAR ORE BODY. THERE IS NO JUSTIFICATION FOR CUTTING HIGH GOLD ASSAYS AT THE EXPLORATION STAGE. I RECOGNIZE THERE MAY BE A NEED TO CUT HIGH ASSAYS LATER IN THE DEVELOPMENT OR PRODUCTION STAGE OF ANY PROPERTY.

CERTIFICATION

I, DAVID W. CONSTABLE, DO HEREBY CERTIFY THAT:

1. I AM A CONSULTING GEOLOGIST, PRESIDENT OF CONSTABLE CONSULTING INC., WITH AN OFFICE AT 10 KINGSTON COURT, SUDBURY, ONTARIO.

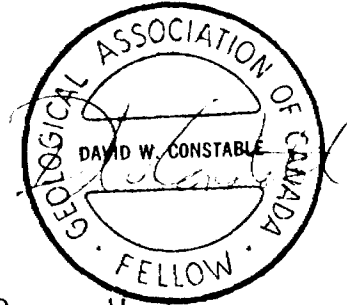
2. I AM A 1970 GRADUATE OF MOUNT ALLISON UNIVERSITY, SACKVILLE, NEW BRUNSWICK WITH AN HONOURS BACHELOR OF SCIENCE (GEOLOGY) DEGREE AND IN 1970-71 PERFORMED ONE YEAR POST GRADUATE WORK AT OXFORD UNIVERSITY, ENGLAND. I HAVE BEEN CONTINUOUSLY EMPLOYED SINCE GRADUATION IN MINERAL AND OIL EXPLORATION AND DEVELOPMENT ACROSS CANADA AND PARTS OF THE UNITED STATES AND MEXICO.

3. I HAVE BEEN A FELLOW OF THE GEOLOGICAL ASSOCIATION OF CANADA SINCE 1975 AND A MEMBER OF THE CANADIAN INSTITUTE OF MINING AND METALLURGY AND THE PROSPECTORS AND DEVELOPERS ASSOCIATION.

4. I HAVE KNOWLEDGE OF YOUNG-SHANNON GOLD MINES, LIMITED'S CHESTER TOWNSHIP PROPERTY BASED ON PERSONAL EXPERIENCE IN THE GENERAL AREA OVER THE PAST 8 YEARS AND NUMEROUS PERSONAL PROPERTY VISITS SINCE 1987 TO THE PRESENT. I HAVE UTILIZED ONTARIO GOVERNMENT MAPS, ASSESSMENT FILES AND REPORTS PLUS PRIVATE COMPANY REPORTS AND PROSPECTUSES DURING THIS REPORT'S PREPARATION.

5 I HAVE NO INTEREST, DIRECT OR INDIRECT, IN THIS PROPERTY OR IN THE SECURITIES OF YOUNG-SHANNON GOLD MINES, LIMITED OR ANY AFFILIATED COMPANY, NOR DO I EXPECT TO RECEIVE ANY. I HAVE DISCLOSED IN THIS REPORT ALL INFORMATION WHICH, TO THE BEST OF MY KNOWLEDGE, MAY HAVE A BEARING ON MY RECOMMENDATIONS RELEVANT TO YOUNG-SHANNON GOLD MINES, LIMITED'S CHESTER TOWNSHIP GOLD PROPERTY.

DATED AT SUDBURY, ONTARIO THIS 15TH DAY OF OCTOBER, 1988.



DAVID W. CONSTABLE, H.B.Sc., F.G.A.C.
CONSULTING GEOLOGIST



10 KINGSTON COURT SUDBURY, ONTARIO P3A 1C9

OCTOBER 15, 1988

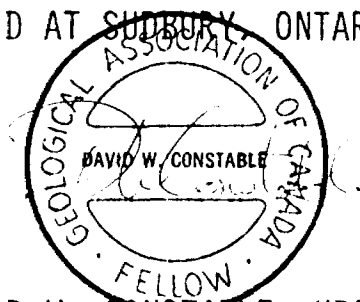
YOUNG-SHANNON GOLD MINES, LIMITED
SUITE 101, 50 GERVAIS DRIVE
DON MILLS, ONTARIO
M3C 1Z3

CONSENT-LETTER

GENTLEMEN:

THIS LETTER IS YOUR AUTHORITY TO UTILIZE MY OCTOBER 15, 1988 REPORT ENTITLED "INTERIM EXPLORATION REPORT ON THE YOUNG-SHANNON GOLD PROPERTY, CHESTER TOWNSHIP, ONTARIO" FOR ANY CORPORATE PURPOSE YOU DEEM NECESSARY; INCLUDING ITS USE, IN WHOLE OR IN PART, IN ANY COMPANY PROSPECTUS.

DATED AT SUDBURY, ONTARIO THIS 15TH DAY OF OCTOBER 1988



DAVID W. CONSTABLE, H.B.Sc., F.G.A.C.
CONSULTING GEOLOGIST

APPENDIX I

BIBLIOGRAPHY

APPENDIX I - BIBLIOGRAPHY

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- CHERITON, DR. C.G. 1987: SUMMARY REPORT FOR YOUNG-SHANNON GOLD MINES, LIMITED CHESTER TOWNSHIP, ONTARIO,
- CONSTABLE, D.W., 1984: PRELIMINARY EXPLORATION REPORT, EMERALD ISLE RESOURCES INC., CHESTER TOWNSHIP PROPERTY, ONTARIO
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APPENDIX II

ASSAY CERTIFICATES



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187.

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 1585

DATE: October 12, 1988

SAMPLE(S) OF: Pulp (8)
Rejects (34)

RECEIVED: October 1988

SAMPLE(S) FROM: Mr. Dave Constable, SUDBURY

<u>Sample No.</u>	<u>Oz. Gold</u>	<u>Sample No.</u>	<u>Oz. Gold</u>
10371B	0.002*	13443	0.219**
10376	0.648**	13444	1.370**
10382	0.036	13453	0.157**
12603	Trace	13512	0.068
12621	0.018	13522	0.028
12637	0.305**	13530	0.006
12701	0.116**	13531	0.020
12702	0.018	13533	0.004
12714	0.002	13542	0.018
12726	0.409**	13543	0.018
13324	0.012	13544	0.020
13332	0.002	13549	0.014
13356	0.040	13582	0.042
13363	0.175**	10371K	0.219**
13413	0.036	10376	0.704**
13414	0.285**	12603	0.090
13419	0.034	13363	0.518**
13422	0.008	13414	0.388**
13423	0.014	13443	0.195**
13429	0.056	13453	0.184**
13431	0.028	13582	0.218**

*Estimated

**Checked

IN ACCORDANCE WITH LONG-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS IT IS SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 



BELL - WHITE ANALYTICAL LABORATORIES LTD.

P.O. BOX 187,

HAILEYBURY, ONTARIO

TEL: 672-3107

Certificate of Analysis

NO. 1597

DATE: October 13, 1988

SAMPLE(S) OF: Rejects (6)

RECEIVED: October 1988

SAMPLE(S) FROM: Mr. Dave Constable

Sample No.

Oz. Gold

12655

0.158**

12706

1.060**

12722

0.028

13391

0.084

13497

0.086

8

2.050**

**Checked

IN ACCORDANCE WITH WELL-ESTABLISHED NORTH AMERICAN CUSTOM, UNLESS OTHERWISE SPECIFICALLY STATED OTHERWISE GOLD AND SILVER VALUES REPORTED ON THESE SHEETS HAVE NOT BEEN ADJUSTED TO COMPENSATE FOR LOSSES AND GAINS INHERENT IN THE FIRE ASSAY PROCESS.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER 

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG HANNON GOLD MINES
 SUITE 715 P.O. BOX 78
 401 BA ST.
 TORONTO ONT., M5H 2Y4

DATE : 88/09/19
 FILE NO.: 964

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13568	208.0-211.0 A ZONE	3.0	0.019							
13569	YS-B7-32 216.5-220.5 A ZONE	4.0	0.017							
13570	YS-B7-32 220.5-223.2 A ZONE	2.7	0.030							
13571	YS-B7-32 234.2-237.0 A ZONE	2.8	0.014							
13572	YS-B7-32 237.0-241.6 A ZONE	4.6	0.005							
13573	YS-B7-32 241.6-244.2 A ZONE	2.6	0.003							
574	YS-B7-32 249.2-253.2 A ZONE	4.0	0.019							
13575	YS-B7-32 297.0-300.3 A ZONE	3.3	0.001							
13576	YS-B7-32 300.3-303.6 A ZONE	3.5	0.001							
13577	YS-B7-32 309.4-312.6 A ZONE	3.2	0.012							
13578	YS-B7-32 322.1-325.0 A ZONE	2.9	0.005							
13579	YS-B7-31A 67.0-70.0 A ZONE	3.0	0.006							
13580	YS-B7-31A 70.0-75.0 A ZONE	5.0	TRACE							
13581	YS-B7-31A 83.3-87.1 A ZONE	3.8	0.005							
13582	YS-B7-31A 147.3-149.1 A ZONE	1.8	0.223	0.218						
13583	YS-B7-31A 179.0-182.2 A ZONE	3.3	0.003							
13584	YS-B7-31A 182.3-187.0 A ZONE	4.7	0.005							
13585	YS-B7-31A 236.7-241.1	4.9	0.012							

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715 F.O. BOX 78
 401 BAY ST.
 TORONTO ONT., M5H 2Y4

DATE : 88/09/19
 FILE NO.: 964

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
	A ZONE									
13586	YS-87-31A 248.6-252. A ZONE	3.4	0.013							
13587	YS-87-31A 253.9-255. A ZONE	1.1	0.002							
13588	YS-87-31A 257.0-260. A ZONE	3.5	0.002							
13589	YS-87-31A 291.2-294. A ZONE	3.6	0.002							
13590	YS-87-31A 294.8-298. A ZONE	3.2	0.012							
13591	YS-87-31A 298.0-300. A ZONE	2.7	0.002							
13592	YS-87-31A 300.7-304. A ZONE	3.5	0.014							
13593	YS-87-31A 362.1-363. A ZONE	0.9	0.006							
13594	YS-87-31A 367.3-373. A ZONE	5.7	0.002							
13595	YS-87-31A 394.5-397. A ZONE	2.8	0.014							
13596	YS-87-31A 423.4-427. A ZONE	3.6	0.003							
13597	YS-87-31A 437.8-439. A ZONE	1.7	0.012							
13598	YS-87-31A 439.5-442. A ZONE	2.9	0.002							
13599	YS-87-31A 442.4-443. A ZONE	0.8	0.006							
13600	YS-87-31A 473.2-475. A ZONE	1.9	0.004							
12605	YS-87-37 55.0-57.0 C ZONE	2.0	0.005							
12607	YS-87-37 62.0-64.6	2.6	0.003							

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715 P.O. BOX 78
 401 AY ST.
 TORONTO ONT., M5H 2Y4

DATE : 88/09/19
 FILE NO.: 964

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
12608	YS-87-37 64.6-67.1 C ZONE	2.4	0.003							
12611	YS-87-37 82.8-87.1 C ZONE	4.2	0.007							
12612	YS-87-37 87.0-92.1 C ZONE	5.4	0.016							
13451	YS-87-36 51.4-56.1	3.1	0.014							
13452	YS-87-36 56.0-59.1	3.0	0.031							
13453	YS-87-36 59.0-62.1	3.0	0.146							
3454	YS-87-36 68.0-71.1	3.0	0.007							
13455	YS-87-36 71.0-74.1	3.1	0.024							
13456	YS-87-36 74.1-77.1	2.9	0.008							
13457	YS-87-36 87.0-88.1	1.0	0.012							
13458	YS-87-36 114.0-117.0	3.0	0.006							
13459	YS-87-36 117.0-120.1	3.1	0.005							
13460	YS-87-36 134.0-137.0	3.0	0.002							
13461	YS-87-36 137.0-139.0	2.0	0.006							
13463	YS-87-36 157.0-159.0	2.0	0.006							
13464	YS-87-36 161.5-163.0	1.5	0.016							
13465	YS-87-36 173.0-176.1	3.1	0.039							

0.184/0.157

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715 P.O. BOX 78
 401 BAY ST.
 TORONTO ONT., M5H 2Y4

DATE : 88/09/19

FILE NO.: 964

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13466	YS-B7-6 176.1-20.6 4.7	0.006								
13468	YS-B7-6 198.0-00.6 2.6	0.025								
13469	YS-B7-6 200.6-02.7 2.1	0.008								
13501	YS-B7-31A 482.9-137.0 4.1 A ZONE	0.002								
13502	YS-B7-31A 487.0-171.1 4.1 A ZONE	0.001								
13503	YS-B7-3 A 491.1-13.8 2.7 A ZONE	0.020								
13504	YS-B7-3 A 493.6-17.0 3.2 A ZONE	0.003								
13505	YS-B7-3 A 500.5-51.8 1.3 A ZONE	TRACE								
13506	YS-B7-3 A 508.7-50.7 2.0 A ZONE	0.002								
13507	YS-B7-3 A 512.5-54.9 2.4 A ZONE	0.004								
13508	YS-B7-3 A 524.8-57.4 2.6 A ZONE	0.020								
13509	YS-B7-31A 529.4-53.3 3.9 A ZONE	0.001								
13510	YS-B7-31A 543.3-541.8 1.5 A ZONE	0.038								
13435	YS-B7-34 197.0-191.2 2.2	0.006								
13437	YS-B7-34 208.7-211.0 2.3	0.005								
13438	YS-B7-34 211.0-211.1 0.006	0.006								
13441	YS-B7-34 237.0-237.2 0.017	0.017								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715 P.O. BOX 78
 401 EAY ST.
 TORONTO ONT., M5H 2Y4

DATE : 88/09/19
 FILE NO.: 964

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13442	247.0-248.5 1.5	0.033								
13443	YS-B7-34 248.5-251.4 2.9	0.135		0.219/0.195						
13445	YS-B7-34 253.0-255.0 2.0	0.003								
13448	YS-B7-36 12.8-17.0 4.2	0.006								
13449	YS-B7-36 28.2-30.4 4.2	0.004								
13450	YS-B7-34 49.0-51.4	0.009								
13301	YS-B7-26 269.0-272.0 3.0	0.002								
13302	YS-B7-27 99.0-102.0 3.0	0.006								
13303	YS-B7-27 103.0-106.0 3.0	0.007								
13304	YS-B7-28 113.0-116.0 3.0	0.007								
13305	YS-B7-29 107.0-110.0 3.0	0.004								
13306	YS-B7-29 112.0-114.2 2.2	0.004								
13307	YS-B7-30 41.0-44.1 3.1	0.029								
13308	YS-B7-30 46.8-50.0 3.2	0.005								
13309	YS-B7-33 42.5-44.1 1.6	0.039								
13310	YS-B7-33 44.1-47.0 2.9	0.014								
13311	YS-B7-33 47.0-48.2 1.2	0.006								
13312	YS-B7-33 48.2-52.5 4.3	0.046								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715 P.O. BOX 78
 401 1AY ST.
 TORONTO ONT., M5H 2Y4

DATE : 88/09/19
 FILE NO.: 964

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13313	YS-87-33 52.5-54.2 1.7	0.048								
13314	YS-87-33 54.2-57.0 2.8	0.054								
13315	YS-87-33 66.5-68.1 1.6	0.026								
13316	YS-87-33 68.1-70.2 2.1	0.014								
13317	YS-87-33 70.2-73.0 2.8	0.025								
13318	YS-87-33 73.0-75.5 2.5	0.007								
13319	YS-87-33 75.5-78.2 2.75	0.038								
13320	YS-87-33 78.25-80.1 2.25	0.006								
13321	YS-87-33 80.5-82.5 2.5	0.020								
13251	YS-87-3 95.0-97.0 2.0	0.002								
13252	YS-87-3 97.0-100.0 3.0	0.004								
13253	YS-87-3 123.0-125.1 2.7	0.003								
13254	YS-87-3 129.0-132.0 3.0	0.025								
13255	YS-87-3 132.0-135.0 3.0	0.020								
13256	YS-87-3 135.0-138.0 3.0	0.027								
13257	YS-87-3 138.0-139.0 1.9	0.018								
13258	YS-87-3 142.8-146.0 3.7	0.017								

ATOMIC ABSORPTION ASSAY REPORT

R: YOUNG SHANNON GOLD MINES
 SUIT 2715 P.O. BOX 78
 401 BAY ST.
 TORONTO ONT., M5H 2Y4

DATE : 88/09/19

FILE NO.: 964

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13259	YS-87-3 146.5-147.3 2.8	0.003								
13260	YS-87-5 74.0-77.0 3.0	0.004								
13261	YS-87-5 80.7-84.0 3.6	0.006								
13262	YS-87-6 83.0-86.0 3.1	0.001								
13263	YS-87-6 89.0-92.0 3.6	0.004								
13264	YS-87-E 437.0-440.0 3.0	0.012								
13265	YS-87-E 440.0-440.0 3.0	0.242								
13266	YS-87-8 449.0-450.0 3.0	0.004								
13267	YS-87-8 452.0-455.0 3.0	0.002								
13268	YS-87-8 455.0-455.0 3.0	0.002								
13269	YS-87-8 458.0-459.9 3.9	0.001								
13270	YS-87-8 461.8-466.0 4.2	0.010								
13271	YS-87-8 466.0-471.0 4.0	0.002								
13272	YS-87-8 470.0-471.0 4.0	0.006								
13273	YS-87-8 474.0-476.0 4.0	0.004								
13274	YS-87-8 478.4-480.2 2.2	0.005								
13275	YS-87-9 67.0-70.0 3.5	0.001								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 715 P.O. BOX 78
 401 BA ST.
 TORONTO ONT., M5H 2Y4

DATE : 88/09/19
 FILE NO.: 964

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13276	YS-87-9 71.0-74.0 3.0	0.004								
13277	YS-87-9 74.0-77.0 3.0	TRACE								
13278	YS-87-9 114.5-118.5 4.0	0.001								
13279	YS-87-9 119.0-122.0 3.0	TRACE								
13280	YS-87-10 126.0-129.0 3.0	TRACE								
13281	YS-87-10 131.0-134.0 3.0	0.001								
13282	YS-87-11 55.0-57.9 2.9	0.003								
13283	YS-87-11 61.0-65.6 4.6	0.003								
13284	YS-87-11 217.0-219.0 2.2	0.017								
13285	YS-87-11 221.7-224.0 2.3	0.003								
13286	YS-87-14 115.0-118.0 3.0	0.002								
13287	YS-87-14 118.0-122.0 4.0	0.001								
13288	YS-87-15 115.0-117.0 2.7	0.001								
13289	YS-87-15 121.3-124.0 2.7	0.001								
13290	YS-87-16 67.0-69.7 2.7	0.001								
13291	YS-87-16 72.4-75.0 2.6	0.002								
13292	YS-87-18 97.7-99.4 1.7	0.001								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG HANNON GOLD MINES
 SUITE 2715 P.O. BOX 78
 401 BA / ST.
 TORONTO ONT., M5H 2Y4

DATE : 88/09/19
 FILE NO.: 964

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13293	100.4-101.1	1.4	0.002							
13294	YS-B7-19 153.9-157.1	3.1	0.003							
13295	YS-B7-19 206.9-211.1	2.4	0.001							
13296	YS-B7-19 213.7-216.1	2.3	0.003							
13297	YS-B7-21 269.0-271.1	2.5	TRACE							
13298	YS-B7-21 272.5-275.1	2.5	0.003							
13299	YS-B7-26 256.0-259.1	3.0	0.010							
13300	YS-B7-26 260.0-264.1	4.0	0.003							
10371	YS-B7-41 42.0-43.0	1.0	0.184	0.219						
10372	YS-B7-41 43.0-47.5	4.5	0.090							
10373	YS-B7-41 47.5-51.5	4.0	0.008							
10374	YS-B7-41 271.5-272.1	0.5	0.040							
10375	YS-B7-41 277.0-278.1	1.0	0.010							
10376	YS-B7-41 282.0-283.1	1.0	0.563	0.648/0.704						
10378	YS-B7-41 449.2-450.1	1.3	0.012							
10379	YS-B7-40 52.5-54.0	1.5	0.013							

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 201 BAY ST., TORONTO,
 ONTARIO, M5H2Y4

DATE : 88/09/26

FILE NO.: 967

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
12621	153.2- 54.8 1.6	0.031		0.018						
12622	YS-87-7 154.8- 57.0 2.2	0.008								
12623	YS-87-7 168.0- 71.0 3.0	0.005								
12624	YS-87-7 179.0- 81.0 2.0	0.006								
12625	YS-87-8 181.0- 85.7 4.7	0.010								
12626	YS-87-7 185.7- 87.6 2.9	0.002								
12634	YS-87-7 225.2- 128.2 3.0	0.005								
12635	YS-87-7 229.2- 132.4 4.2	0.009								
12636	YS-87-7 232.4- 136.2 1.8	0.006								
UG 12637	YS-87-7 239.9- 144.0 4.1	0.010		0.305						
12639	YS-87-7 244.0- 148.4 4.4	0.008								
12642	YS-87-7 253.5- 157.0 3.5	0.010								
12701	YS-87-19 42.2-41.7 1.5	0.091		0.116						
12702	YS-87-19 47.7-45.7 3.0	0.020		0.018						
12711	YS-87-19 109.7- 111.4 1.7	0.009								
12712	YS-87-19 117.0- 119.1 2.1	0.005								
12713	YS-87-19 119.1- 123.8 4.7	0.007								
12714	YS-87-19 130.6- 132.6 2.0	0.002		0.002						

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H2Y4

DATE : 88/09/26
 FILE NO.: 967

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
12715	YS-17-39 132.6-136.3 3.7	0.008								
12716	YS-17-39 136.3-138.5 2.2	0.016								
12717	YS-17-39 147.4-149.5 2.1	0.002								
12718	YS-17-39 157.0-161.0 4.0	0.009								
12726	YS-17-39 189.4-192.4 3.0	0.139		0.409						
12731	YS-17-45 7.0-9.4 2.4	0.005								
12732	YS-17-45 9.4-15.0 5.6	0.003								
12733	YS-17-45 15.0-17.0 2.0	0.006								
12734	YS-17-45 22.0-24.3 2.2	0.004								
12735	YS-17-45 24.0-27.0 2.7	0.005								
12736	YS-17-45 27.0-30.6 2.7	0.005								
12737	YS-17-45 34.0-37.0 2.6	0.005								
12738	YS-17-45 37.0-38.8 1.8	0.005								
13322	YS-17-33 86.0-87.8 2.8	0.010								
13323	YS-17-33 87.0-90.2 2.4	0.013								
13324	YS-17-33 90.0-93.2 3.0	0.018		0.012						
13325	YS-17-33 103.0-105.6 2.6	0.006								

ATOMIC ABSORPTION ASSAY REPORT

DR: YOLG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H2Y4

DATE : 88/09/26

FILE NO.: 967

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13326	YS-87-3 105.6- 07.0 1.4	0.009								
13327	YS-87-3 107.0- 10.0 3.0	0.017								
13328	YS-87-3 113.5- 17.0 3.5	0.005								
13329	YS-87-3 117.0- 19.0 2.0	0.006								
13330	YS-87-3 119.0- 22.0 3.0	0.006								
13331	YS-87-3 122.0- 24.0 2.0	0.016								
13332	YS-87-3 124.0- 25.5 1.5	0.030		0.002						
13333	YS-87-3 125.5- 29.0 3.5	0.008								
13334	YS-87-3 129.0- 34.3 4.3	0.007								
13335	YS-87-3 134.3- 36.2 1.9	0.004								
13336	YS-87-3 136.2- 41.0 3.8	0.009								
13337	YS-87-3 141.0- 43.5 2.5	0.005								
13338	YS-87-3 143.5- 46.5 2.5	0.006								
13339	YS-87-3 146.5- 49.5 3.0	0.001								
13340	YS-87-3 149.5- 52.5 3.0	0.002								
13341	YS-87-3 152.5- 55.0 2.5	0.009								
13342	YS-87-3 162.75 165.75 3.0	0.007								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YC ING SHANNON GOLD MINES
 SLITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H2Y4

DATE : 88/09/26
 FILE NO.: 967

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13343	YS-87-33 165.7-169.0 3.25	TRACE								
13344	YS-87-33 169.0-171.0 2.0	0.005								
13345	YS-87-33 171.0-173.5 1.5	0.002								
13346	YS-87-33 173.5-178.0 4.5	0.005								
13347	YS-87-33 188.0-191.2 4.2	0.002								
13348	YS-87-33 191.2-193.5 2.3	0.006								
13349	YS-87-33 193.5-196.0 2.5	0.005								
13350	YS-87-33 196.0-197.6 1.6	0.013								
13351	YS-87-33 197.6-200.6 3.0	0.010								
13352	YS-87-3 200.6-204.25 3.75	0.001								
13353	YS-87-3 204.25-205.6 1.35	0.007								
13354	YS-87-3 205.6-209.0 3.4	0.006								
13355	YS-87-4 79.0-81.0 3.0	0.022								
13356	YS-87-4 83.0-81.0 3.0	0.041		0.045						
13357	YS-87-3-A 100.0-103.3 3.3	0.006								
13358	YS-87-3-A 103.3-107.8 4.5	0.003								
13359	YS-87-3-A 107.8-110.5 2.7	0.007								
	YS-87-3-A									

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H2Y4

DATE : 88/09/26
 FILE NO.: 967

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13360	110.5-113.0	2.5	0.005							
13361	YS-87-30-A 113.0-115.1	2.1	0.002							
13362	YS-87-30-A 115.1-118.0	2.9	0.002							
13363	YS-87-30-A 141.2-144.0	3.8	0.299		0.175/0.518					
13364	YS-87-30-A 144.0-146.5	2.5	0.070							
13365	YS-87-30-A 167.5-170.5	3.0	0.004							
13366	YS-87-30-A 170.5-172.5	2.0	0.022							
13367	YS-87-30-A 172.5-175.5	3.0	0.048							
13368	YS-87-30-A 175.5-179.5	4.0	0.004							
13372	YS-87-30-A 199.5-201.5	2.0	0.008							
13373	YS-87-30-A 201.5-204.5	3.0	0.002							
13374	YS-87-30-A 204.5-207.0	2.5	0.003							
13375	YS-87-30-A 207.0-209.6	2.6	0.003							
13376	YS-87-30-A 209.6-210.6	1.0	0.004							
13377	YS-87-30-A 210.6-213.75	3.15	0.005							
13378	YS-87-30-A 213.75-215.0	1.25	0.010							
13379	YS-87-30-A 215.0-218.0	3.0	0.003							
13410	YS-87-33 181.0-184.0	3.0	0.006							

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 40 BAY ST., TORONTO,
 ONTARIO, M5H2Y4

DATE : 88/09/26

FILE NO.: 967

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13411	YS-87-33 184.0 186.0 2.0	0.004								
13412	YS-87-33 186.0 188.0 2.0	0.004								
13413	YS-87-34 72.5-75.7 3.2	0.025		0.036						
13414	YS-87-34 77.2-79.0 1.8	0.619		0.388 / 0.285						
13415	YS-87-34 92.0-94.5 2.5	0.021								
13416	YS-87-34 94.5-97.0 2.5	0.003								
13417	YS-87-34 97.0-99.0 2.0	0.004								
13418	YS-87-34 99.0-101.1 2.1	0.006								
13419	YS-87-34 101.1-103.5 2.4	0.095		0.034						
13420	YS-87-34 103.5-105.8 2.3	0.010								
13421	YS-87-34 105.8-108.5 2.7	0.018								
13422	YS-87-34 124.0-126.5 2.5	0.040		0.008						
13423	YS-87-34 126.5-129.5 3.0	0.010		0.014						
13424	YS-87-34 141.5-143.0 1.5	0.011								
13425	YS-87-34 143.0-145.7 2.7	0.005								
13426	YS-87-34 152.5-154.5 2.0	0.004								
13427	YS-87-34 154.5-157.0 2.5	0.007								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SJITE 2715, P.O. BOX 78
 431 BAY ST., TORONTO,
 ONTARIO, M5H2Y4

DATE : 88/09/26
 FILE NO.: 967

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13428	YS-1 7-34 159 7-164.5 4.8	0.006								
13429	YS-1 7-34 167 0-168.4 1.4	0.087		0.056						
13430	YS-1 7-34 177 2-179.6 2.4	0.006								
13431	YS-1 7-34 185 0-187.0 2.0	0.028		0.028						
13432	YS-1 7-34 189 3-192.0 2.7	0.006								
13433	YS-1 7-34 192 0-194.0 2.0	0.005								
13434	YS-1 7-34 194 0-197.0 3.0	0.017								
13436	YS-1 7-34 201 0-205.3	0.005								
13439	YS-1 7-34 217 7-218.8 1.1	0.004								
13440	YSD 87-34 223 2-225.2 2.0	0.003								
13446	YS-1 7-34 256 0-257.7 1.7	0.002								
13447	YS-1 7-34 281 9-284.0 2.1	0.006								
13462	YS-1 7-36 149 4-151.0 1.6	0.005								
13467	YS-1 7-36 180 6-182.9 2.3	0.018								
13470	YS-1 7-36 202 7-206.3 3.6	0.011								
13471	YS-1 7-36 213 0-215.0 2.0	0.005								
13472	YS-1 7-36 218 7-221.0 2.3	0.004								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SLITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H2Y4

DATE : 88/09/26
 FILE NO.: 967

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13473	YS-87-36 224.3-228.0 3.7	0.007								
13474	YS-87-36 233.1-235.5 2.5	0.004								
13475	YS-87-36 235.5-238.3 2.8	0.004								
13511	YS-87-30-A 55.4-57.0 1.6	TRACE								
13512	YS-87-30-A 60.2-61.8 1.6	0.063		0.068						
13513	YS-87-30-A 61.8-64.8 3.0	TRACE								
13514	YS-87-30-A 86.6-88.8 2.2	0.007								
13515	YS-87-35 27.0-29.9 2.9	0.005								
13516	YS-87-35 29.9-31.6 1.7	0.009								
13517	YS-87-35 31.6-33.5 1.9	0.005								
13518	YS-87-35 33.5-37.0 3.5	0.005								
13519	YS-87-35 39.2-41.6 2.4	0.013								
13521	YS-87-35 45.0-47.5 2.5	0.007								
13522	YS-87-35 47.5-52.5 5.0	0.046		0.028						
13523	YS-87-35 52.5-55.0 2.5	0.005								
13524	YS-87-35 65.0-67.0 2.0	0.008								
13525	YS-87-35 73.9-77.0 3.1	0.006								
	YS-87-35									

ATOMIC ABSORPTION ASSAY REPORT

DR: YOU IG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H2Y4

DATE : 88/09/26

FILE NO.: 967

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DE CRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13526	94.3-9 1.9 3.6	0.011								
13527	YS-87-5 106.6-09.3 2.7	0.008								
13528	YS-87-5 110.3-12.0 1.7	0.012								
13529	YS-87-5 117.4-18.3 0.9	0.010								
13530	YS-87-5 118.3-21.7 3.4	0.024		0.006						
13531	YS-87-5 121.7-24.5 4.8	0.029		0.020						
13532	YS-87-5 128.0-29.7 1.7	0.005								
13533	YS-87-5 139.2-41.5 2.3	0.063		0.004						
13534	YS-87-5 141.5-44.7 3.2	0.009								
13535	YS-87-5 144.7-48.6 3.9	0.008								
13536	YS-87-5 148.6-50.7 2.1	0.008								
13538	YS-87-5 164.8-67.7 2.9	0.004								
13539	YS-87-5 169.0-74.0 5.0	0.008								
13542	YS-87-5 179.9-85.5 5.6	0.024		0.018						
13543	YS-87-5 185.5-91.4 5.9	0.032		0.018						
13544	YS-87-5 195.7-99.8 4.1	0.023		0.020						
13545	YS-87-5 199.8-106.7 6.9	0.016								
13546	YS-87-5 208.2-110.4 2.2	0.008								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H2Y4

DATE : 88/09/26
 FILE NO.: 967

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe
				<i>See sheet</i>						
13547	S-87-35 10.4-215.7 5.3	0.019								
13548	S-87-35 15.7-219.5 3.8	0.007								
13549	S-87-37 4.5-27.0 2.5	0.022		<i>0.014</i>						
13550	S-87-37 7.0-29.9 2.9	0.010								
12682	S-87-38 37.0-289.5 2.5	0.016								
12683	S-87-42 13.0-16.4 1.4	0.006								
12684	Y-87-42 31.4-33.9 1.5	0.014								
12685	Y-87-42 31.0-39.3 2.3	0.004								
12686	Y-87-42 31.3-42.4 3.1	0.013								
12687	Y-87-42 41.4-46.4 4.0	0.011								
12688	Y-87-42 112.8-103.9 1.1	0.008								
12689	Y-87-42 112.0-114.0 2.0	0.006								
13663	Y-87-43 114.9-137.7 2.6	0.002								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04
 FILE NO.: 969

COPY

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-GZ/TON	Ag-GZ/TON	Fe-GZ/TON	Cu %	Co %	Pb %	Zn %	Mn %	Fe %
13369	YS-E7-30A 191.0-194.0 3.0	0.009								
13370	YS-E7-30A 194.0-195.1 2.1	0.001								
13371	YS-E7-30A 195.1-199.5 3.4	TRACE								
13380	YS-E7-30A 220.0-223.0 3.0	0.021								
13381	YS-E7-30A 223.0-225.5 2.5	0.017								
13382	YS-E7-30A 225.5-228.3 2.8	0.012								
13383	YS-E7-30A 228.3-231.0 2.7	0.003								
13384	YS-E7-30A 279.0-282.0 3.0	0.007								
13385	YS-E7-30A 282.0-284.9 2.9	0.003								
13387	YS-E7-30A 293.5-296.5 3.0	0.004								
13388	YS-E7-30A 296.5-297.9 1.4	0.008								
13389	YS-E7-30A 297.9-301.0 3.1	0.004								
13390	YS-E7-30A 303.4-306.4 3.0	0.003								
13391	YS-E7-30A 306.4-307.0 0.6	0.055		0.084						
13392	YS-E7-30A 307.0-310.0 3.0	0.003								
13393	YS-E7-30A 314.0-317.0 3.0	0.004								
13394	YS-E7-30A 317.0-319.1 2.1	0.006								
	YS-E7-30A									

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 701 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04
 FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13395	319 1-322.0 2.9	0.006								
13396	YS- 7-30A 322 0-325.0 3.0	0.006								
13397	YS- 7-30A 325 0-327.0 2.0	0.003								
13398	YS- 7-30A 327 0-329.0 2.0	0.004								
13399	YS- 7-30A 372 0-374.0 2.0	0.003								
13400	YS- 7-30A 374 0-376.5 2.5	0.009								
13401	YS- 7-30A 376 0-378.5 2.0	0.012								
13402	YS- 7-30A 386 0-388.0 2.0	0.003								
13403	YS- 7-30A 388 0-390.3 2.3	0.004								
13404	YS- 7-30A 390 0-392.5 2.2	0.004								
13405	YS- 7-30A 392 5-394.5 2.0	0.004								
13406	YS- 7-30A 410 0-412.0 2.0	0.002								
13407	YS- 7-30A 412 0-414.0 2.0	0.003								
13408	YS- 7-30A 414 0-416.0 2.0	0.004								
13409	YS- 7-33 178 0-181.0 3.0	0.003								
13520	YS- 7-35 41.6 45.0 3.4	0.015								
13537	YS- 7-35 150 0-156.3 5.6	0.006								
13540	YS- 7-35 174 0-177.0 3.0	0.004								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04
 FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13541	YS 87-35 17.0-179.9	2.9	0.011							
13476	YS 87-36 231.3-242.0	4.3	0.005							
13477	YS 87-36 241.0-248.9	1.9	0.010							
13478	YS 87-36 246.9-253.6	4.7	0.024							
13479	YS 87-36 253.6-256.1	3.3	0.004							
13480	YS 87-36 256.1-259.5	3.4	0.032							
13481	YS 87-36 259.5-264.0	4.5	0.005							
13482	YS 87-36 264.0-267.0	3.0	0.005							
13483	YS 87-36 267.0-268.1	1.1	0.004							
13484	YS 87-36 268.1-274.0	5.9	0.005							
13485	YS 87-36 280.0-283.7	3.7	0.019							
13486	YS 87-36 283.7-287.0	3.3	0.030							
13487	YS 88-38 60.3-63.1	2.8	0.004							
13488	YS 88-38 63.1-65.4	2.3	0.005							
13489	YS 88-38 71.0-74.6	3.6	0.004							
13490	YS 88-38 74.6-77.0	3.6	0.005							
13491	YS 88-38 77.0-80.0	3.0	0.005							

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 EJIITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04
 FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13492	YS-17-38 85.1-87.0 1.5	0.004								
13493	YS-17-38 87.1-88.5 1.5	0.043								
13494	YS-17-38 92.1-94.4 2.0	0.004								
13495	YS-17-38 94.1-95.5 1.1	0.005								
13496	YS-17-38 95.1-97.5 2.0	0.003								
13497	YS-17-38 97.1-99.8 2.3	0.126								
13498	YS-17-38 119.1-121.5 2.5	0.003			0.086 2.050					
13500	YS-17-38 121.1-123.3 2.0	0.003								
12614	YS-81-37 108.1-110.5 2.0	0.007								
12615	YS-81-37 110.1-112.2 1.7	0.004								
12627	YS-81-37 187.1-189.8 2.2	0.006								
12628	YS-81-37 206.1-203.0	0.007								
12629	YS-81-37 203.1-206.0 3.0	0.009								
12630	YS-81-37 206.1-209.0 3.0	0.007								
12631	YS-81-37 209.1-212.0 3.0	0.005								
12632	YS-81-37 212.1-215.0 3.0	0.005								
12633	YS-81-37 222.1-225.2	0.015								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YC JNG SHANNON GOLD MINES
 SLITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04

FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
12640	YS-B -37 248. -250.9 2.5	0.015								
12641	YS-B -37 250. -253.5 2.6	0.007								
12643	YS-B -37 260. -263.5 3.4	0.007								
12644	YS-B -37 263. -267.8 4.3	0.007								
12645	YS-B -37 267. -270.3 2.5	0.007								
12646	YS-B -37 270. -272.3 2.0	0.004								
12647	YS-B -37 277. -280.4 2.5	0.009								
12648	YS-B -37 280. -282.9 2.5	0.004								
12649	YS-B -37 282. -286.0 3.1	0.031								
12650	YS-B -37 286. -289.0 3.0	0.008								
12703	YS-B -39 51.4 53.8 2.4	0.004								
12704	YS-B -39 62.3 64.6 2.3	0.004								
12705	YS-B -39 64.6 67.0 2.4	0.013								
12706	YS-B -39 73.4 77.0 3.6	0.657								
12707	YS-B -39 77.0 80.0 3.0	0.004								
12708	YS-B -39 80.0 81.6 1.6	0.004								
12709	YS-B -39 82.6 85.5 2.9	0.004								
	YS-B -39									

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04
 FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
12710	106.1-109.7	3.6	0.002							
12719	YS-87-39 161.6-164.3	3.3	0.002							
12720	YS-87-39 164.3-167.0	2.7	0.006							
12721	YS-87-39 167.6-170.8	3.8	0.003							
12722	YS-87-39 175.4-176.0	2.6	0.231							
12723	YS-87-39 181.4-185.0	3.6	0.010							
12724	YS-87-39 185.0-187.0	2.0	0.005							
12725	YS-87-39 187.0-189.4	2.4	0.005							
12727	YS-87-39 192.4-194.4	2.0	0.011							
12728	YS-87-39 194.4-196.4	2.0	0.008							
12729	YS-87-39 219.4-222.5	3.1	0.004							
12730	YS-87-39 225.0-227.0	2.0	0.004							
12739	YS-87-15 46.8-47.8	3.0	0.007							
12740	YS-87-15 49.8-51.1	3.3	0.002							
12741	YS-87-15 53.1-54.0	2.9	0.005							
12742	YS-87-15 60.4-61.7	2.3	0.003							
12743	YS-87-15 62.7-64.0	3.3	0.005							
12744	YS-87-15 66.0-67.0	3.0	0.004							

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SITE 2715, P.O. BOX 78
 41 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04
 FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
12745	YS-B -45 69.0 72.0 3.0	0.003								
12746	YS-B -45 72.0 75.0 3.0	0.005								
12747	YS-B -45 75.0 78.0 3.0	0.004								
12748	YS-B -45 78.0 81.0 3.0	0.003								
12749	YS-B -45 81.0 84.0 3.0	0.007								
12750	YS-B -45 84.0 87.0 3.0	0.004								
12651	YS-B -38 123. -126.2 2.9	0.005								
12652	YS-B -38 126. -129.2 3.0	0.004								
12653	YS-B -38 141. -143.4 2.4	0.010								
12654	YS-B -38 143. -147.6 4.2	0.010								
12655	YS-B -38 153. -155.3 2.0	0.060		0.158						
12656	YS-B -38 155. -157.7 2.4	0.033								
12657	YS-B -38 157. -160.0 2.3	0.012								
12658	YS-B -38 160. -163.2 3.3	0.010								
12659	YS-B -38 170. -173.0 2.5	0.007								
12660	YS-B -38 173. -177.0 4.0	0.007								
12661	YS-B -38 177. -180.0 3.0	0.009								

ATOMIC ABSORPTION ASSAY REPORT

FDR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04
 FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
12662	YS-B7 38 180.0 183.0 3.0	0.008								
12663	YS-B7 38 183.0 186.0 3.0	0.031								
12664	YS-B7 38 186.0 188.6 2.6	0.024								
12665	YS-B7 38 188.6 191.4 1.4	0.019								
12666	YS-B7 38 192.4 194.3 1.9	0.007								
12667	YS-B7 38 195.5 197.0 1.5	0.004								
12668	YS-B7 38 202.0 204.0 2.0	0.009								
12669	YS-B7 38 204.0 207.3 3.3	0.009								
12670	YS-B7 38 207.3 210.7 3.4	0.003								
12671	YS-B7 38 210.7 214.4 3.7	0.007								
12672	YS-B7 38 221.0 224.3 3.3	0.007								
12673	YS-B7 38 235.1 236.2 1.1	0.009								
12674	YS-B7 38 242.9 244.3 1.4	0.019								
12675	YS-B7 38 244.3 248.6 2.3	0.006								
12676	YS-B7 38 248.6 251.6 3.0	0.006								
12677	YS-B7 38 253.7 254.4 0.7	0.004								
12678	YS-B7 38 258.0 260.0 2.0	0.007								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOU'G SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04
 FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DE CRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
12679	YS-B7-8 260.0-63.5 3.5	0.004								
12680	YS-B7-8 263.5-67.0 3.5	0.005								
12681	YS-B7-8 273.9-76.1 2.2	0.012								
12690	YS-B7-2 165.6-68.6 3.0	0.010								
12691	YS-B7-2 168.6-71.6 3.0	0.041								
12692	YS-B7-2 171.6-74.6 3.0	0.005								
12693	YS-B7-12 174.6-77.6 3.0	0.005								
12694	YS-B7-12 177.6-80.6 3.0	0.027								
12695	YS-B7-12 180.6-83.6 3.0	0.004								
12696	YS-B7-12 183.6-87.0 3.4	0.006								
12751	YS-B7-15 87.0-3.0 3.0	0.005								
12752	YS-B7-15 90.0-3.0 3.0	0.006								
12753	YS-B7-15 93.0-3.0 3.0	0.014								
12754	YS-B7-15 96.0-3.0 3.0	0.004								
12755	YS-B7-15 99.0-3.0 3.0	0.011								
12756	YS-B7-15 102.0-105.0 3.0	0.007								
12757	YS-B7-15 105.0-108.0 3.0	0.003								
	YS-B7-15									

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 401 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04
 FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mn %	Fe %
12758	106.0-1 1.0 3.0	0.005								
12759	YS-B7-4 111.0-1 4.0 3.0	0.004								
12760	YS-B7-4 114.0-1 7.0 3.0	0.003								
12761	YS-B7-4 117.0-1 0.0 3.0	0.004								
12762	YS-B7-4 125.5-1 8.2 3.0	0.004								
12763	YS-B7-4 128.2-1 1.2 3.0	0.004								
12764	YS-B7-4 131.2-1 4.2 3.0	0.004								
12765	YS-B7-4 134.2-1 7.2 3.0	0.003								
12766	YS-B7-4 137.2-1 9.9 2.7	0.004								
12767	YS-B7-4 153.2-1 5.1 1.9	0.003								
12768	YS-B7-4 175.5-1 7.5 2.0	0.003								
12769	YS-B7-4 67.0-70 0 3.0	0.004								
12770	YS-B7-4 70.0-73 0 3.0	0.008								
12771	YS-B7-4 73.0-76 0 3.0	0.004								
12772	YS-B7-4 76.0-79 0 3.0	0.003								
12773	YS-B7-4 79.0-82 0 3.0	0.007								
12774	YS-B7-4 82.0-85 8 3.8	0.004								
12775	YS-B7-4 88.2-89 8 1.6	0.006								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YOUNG SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 40 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

DATE : 88/10/04
 FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
12776	YS-B7-44 92.0-4.5 2.5	0.005								
12777	YS-B7-44 94.5-7.0 2.5	0.006								
12778	YS-B7-44 97.0-01.0 3.0	0.004								
12779	YS-B7-44 101.0-104.0 3.0	0.005								
12780	YS-B7-44 104.0-107.0 3.0	0.005								
12781	YS-B7-44 107.0-110.0 3.0	0.004								
12782	YS-B7-44 110.0-113.0 3.0	0.003								
12783	YS-B7-44 113.0-117.8 4.8	0.004								
12784	YS-B7-44 127.0-130.0 3.0	0.002								
12785	YS-B7-44 130.0-133.0 3.0	0.004								
12786	YS-B7-44 133.0-137.0 4.0	0.003								
12787	YS-B7-44 146.7-149.3 2.3	0.003								
13651	YS-B7-13 39.2-41.0 2.8	0.002								
13652	YS-B7-13 49.5-51.0 3.5	0.002								
13653	YS-B7-13 62.0-64.0 3.0	TRACE								
13654	YS-B7-13 65.0-67.4 2.4	TRACE								
13655	YS-B7-13 67.4-71.0 2.6	0.001								

ATOMIC ABSORPTION ASSAY REPORT

FOR: YO ING SHANNON GOLD MINES
 SUITE 2715, P.O. BOX 78
 40 BAY ST., TORONTO,
 ONTARIO, M5H 2Y4

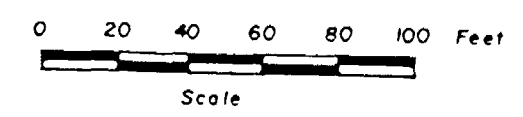
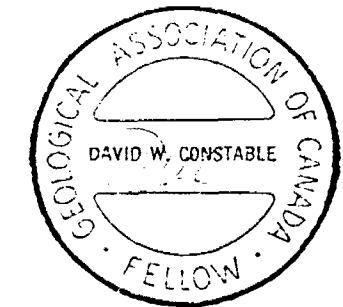
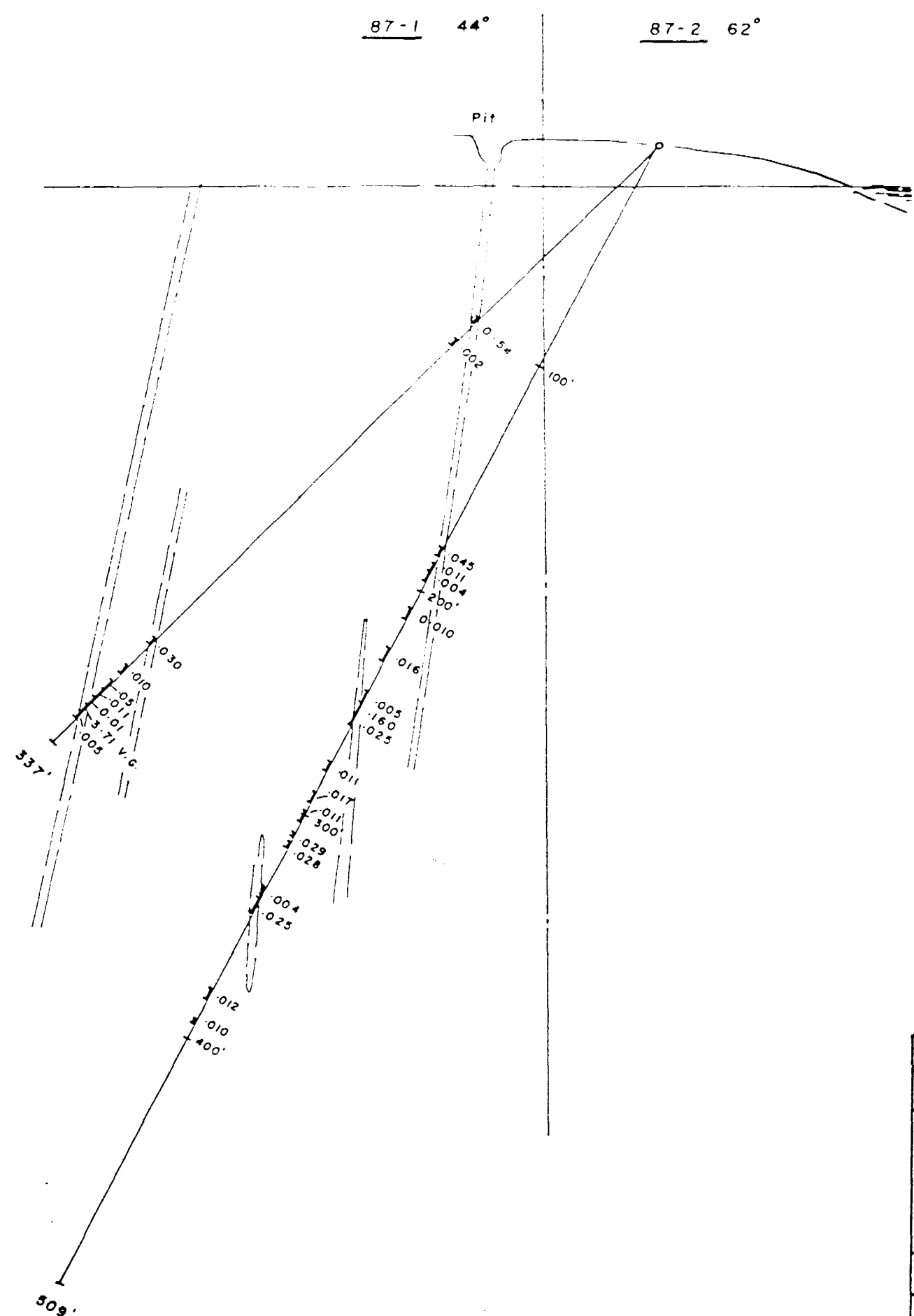
DATE : BB/10/04
 FILE NO.: 969

COMMENT : DIAMOND DRILL SAMPLES

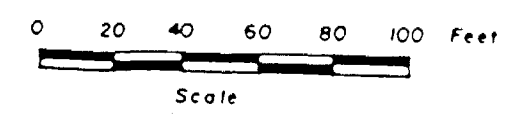
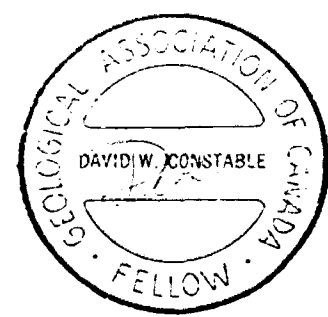
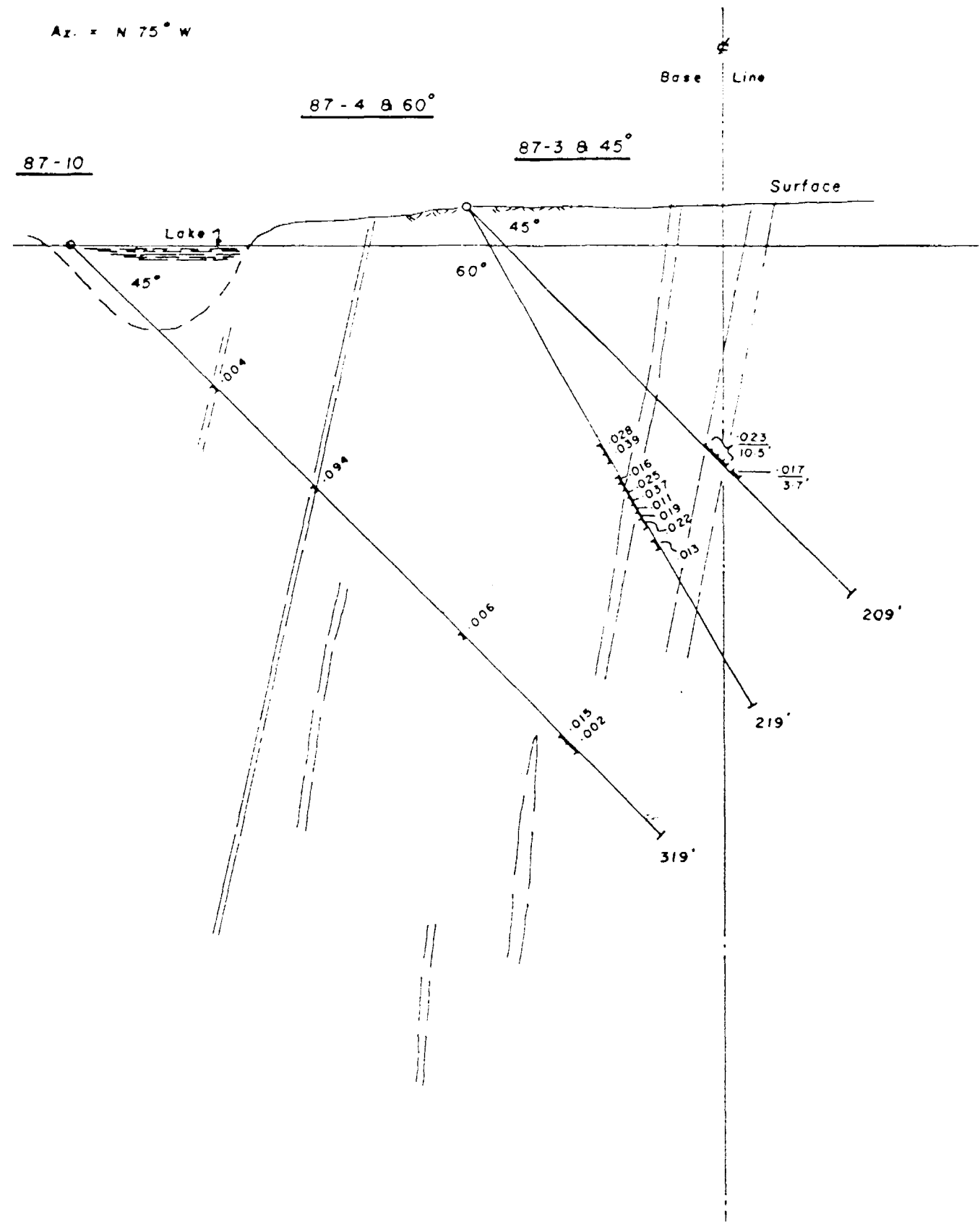
SAMPLE NUMBER	DESCRIPTION	Au-OZ/TON	Ag-OZ/TON	Pt-OZ/TON	Cu %	Co %	Pb %	Zn %	Mo %	Fe %
13656	YS-E7-43 70.0- 2.0 2.0	0.003								
13657	YS-E7-43 76.5- 8.5 2.0	0.003								
13658	YS-E7-43 81.0- 2.0 2.0	0.005								
13659	YS-E7-43 95.5- 8.8 3.3	0.001								
13660	YS-E7-43 99.2- 02.0 2.2	0.001								
13661	YS-E7-43 108.0- 109.3 1.2	0.001								
13662	YS-E7-43 117.0- 118.5 1.5	TRACE								
13498	YS-E7-38 115.2- 119.0	1.904								

APPENDIX III

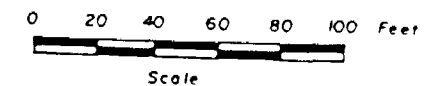
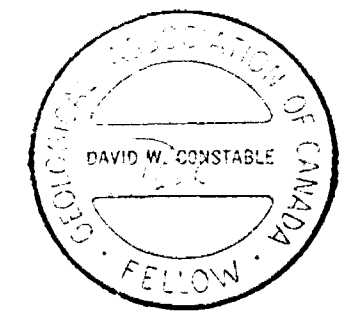
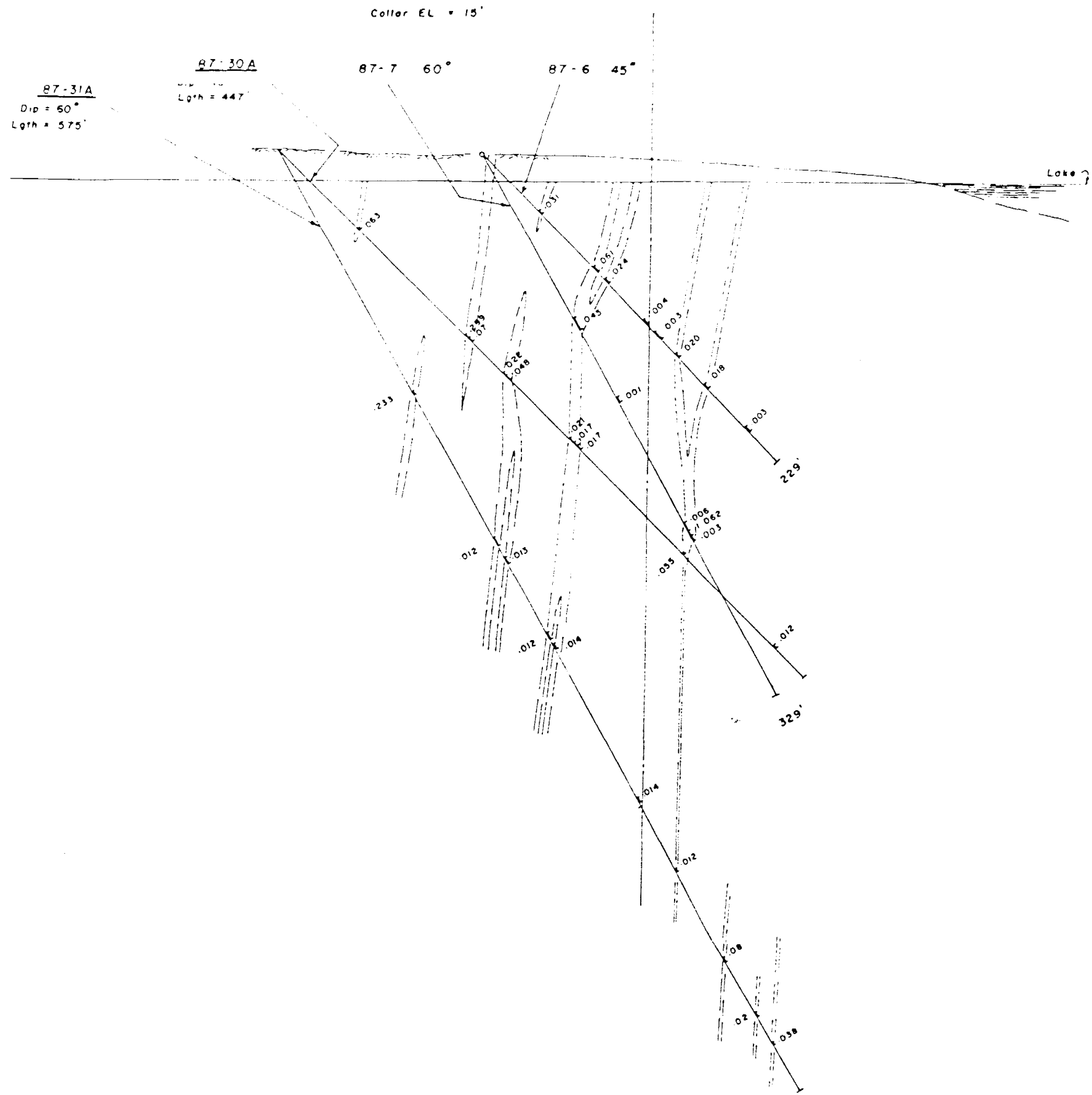
SECTIONS



Young-Shannon Gold Mines, Ltd. Chester Twp, Ontario		
<u>Zone A</u>		
D.D. Hole <u>87-1</u> & <u>87-2</u>		
Dwg By.:	Date: Oct. 88	
App.	Chk'd	



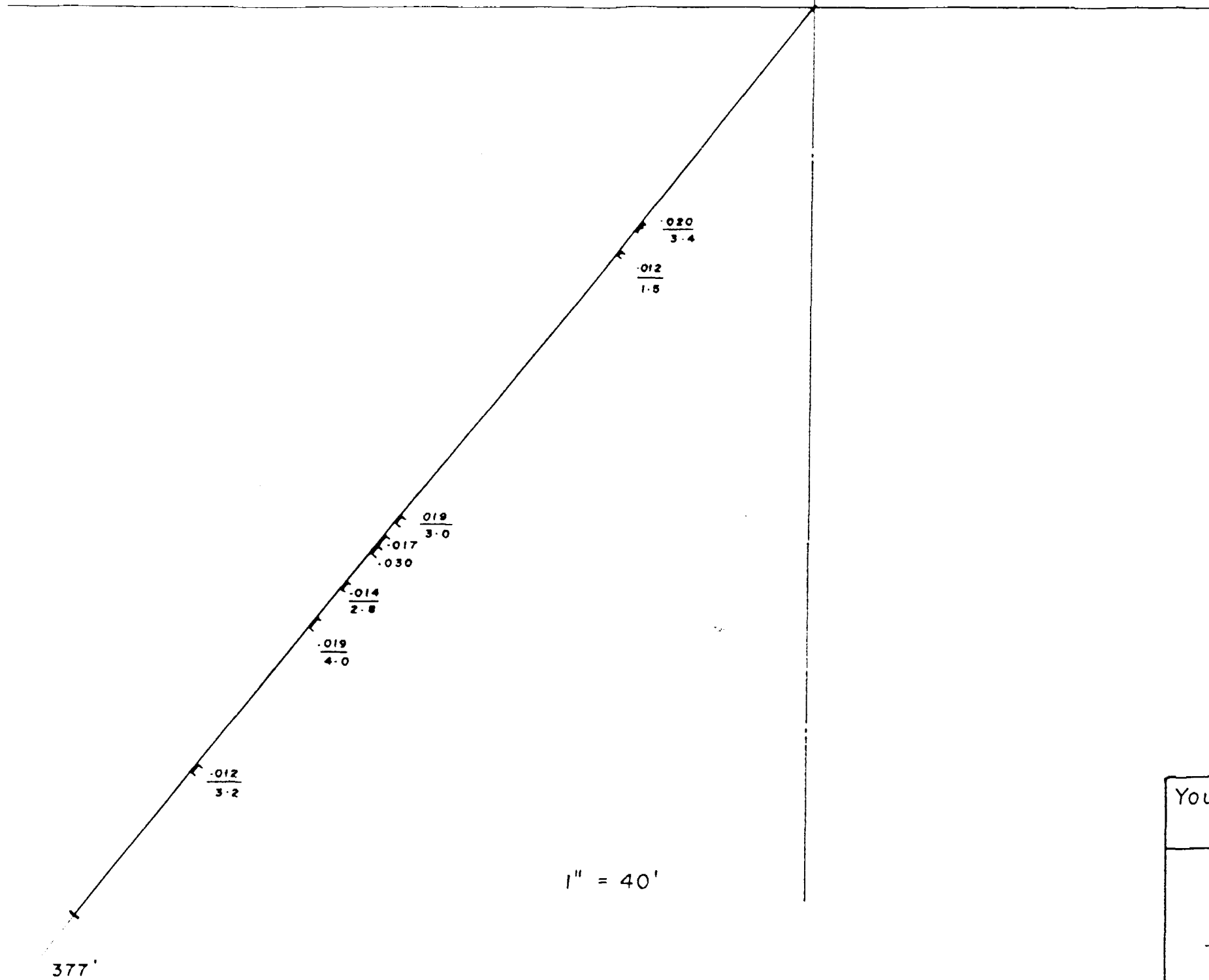
Young-Shannon Gold Mines, Ltd. Chester Twp, Ontario		
Zone A		
D.D. Hole 87-3, 4 & 10		
Dwg By.:	Date: Oct. 88	
App.	Chk'd	



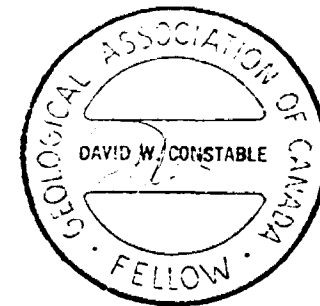
Young-Shannon Gold Mines, Ltd. Chester Twp, Ontario	
Zone - A D.D. Holes <u>87-31 A</u> , <u>30 A</u> <u>87-7</u> , <u>87-6</u>	
Dwg By.:	Date: Oct. 88
App.	Chk'd

Dip = 51°
Lgth = 377'

01 32



1" = 40'

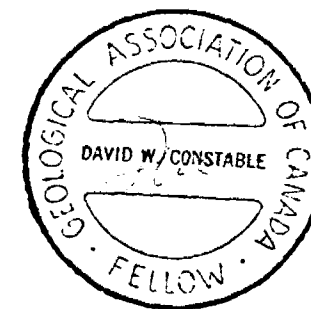
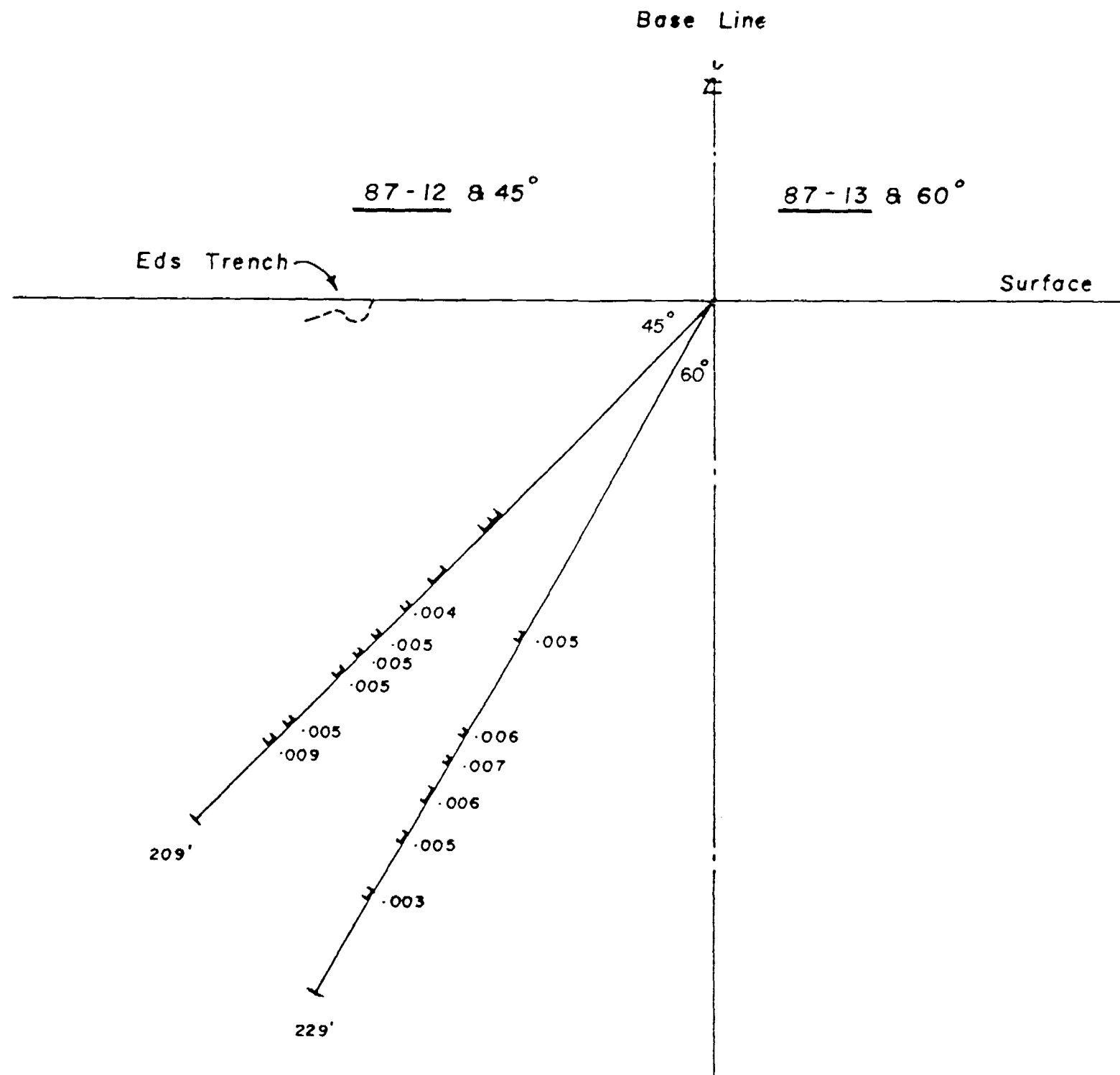


Young-Shannon Gold Mines, Ltd.
Chester Twp, Ontario

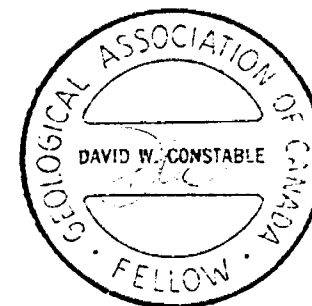
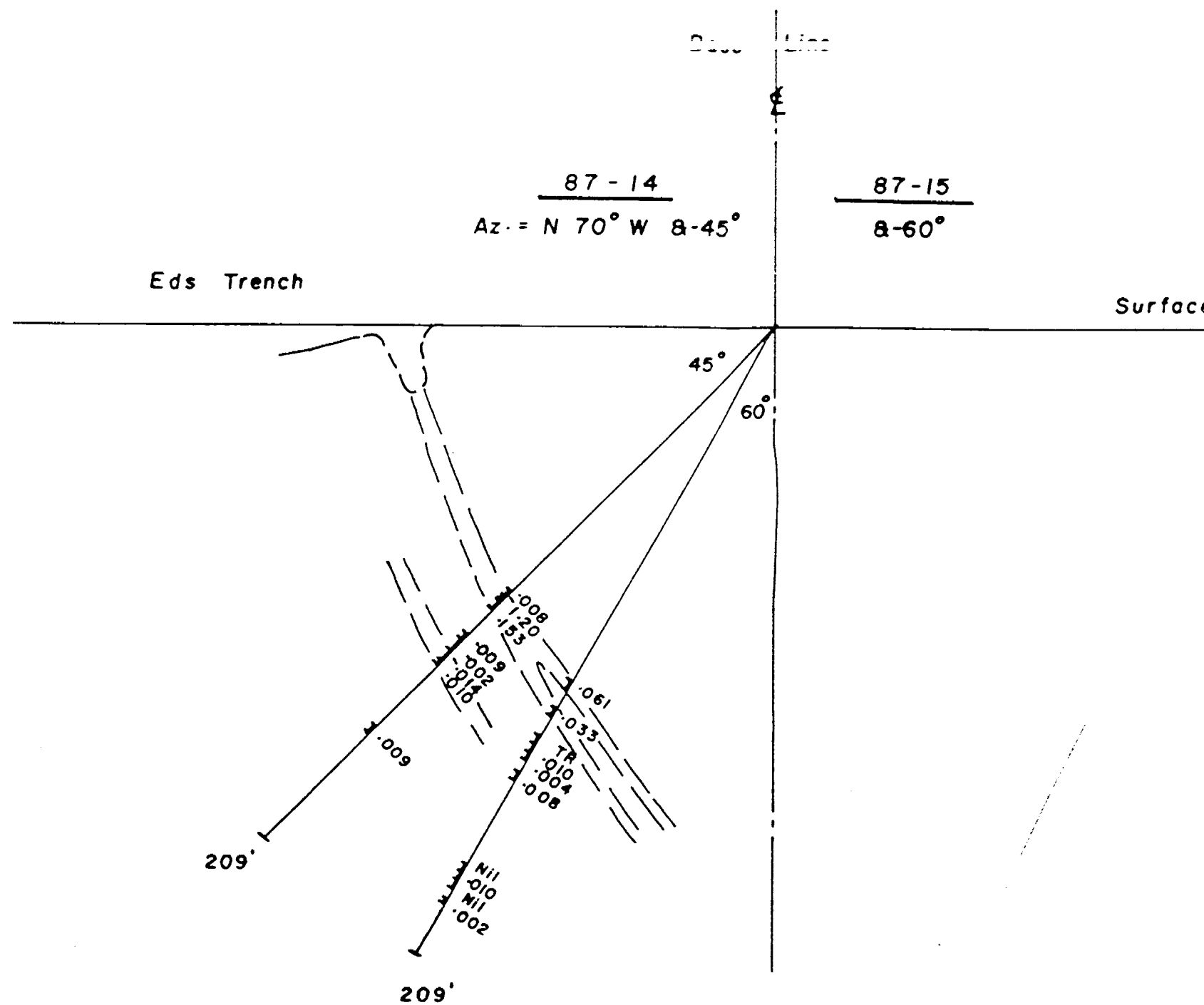
Zone - A

D. D. Hole 87-32

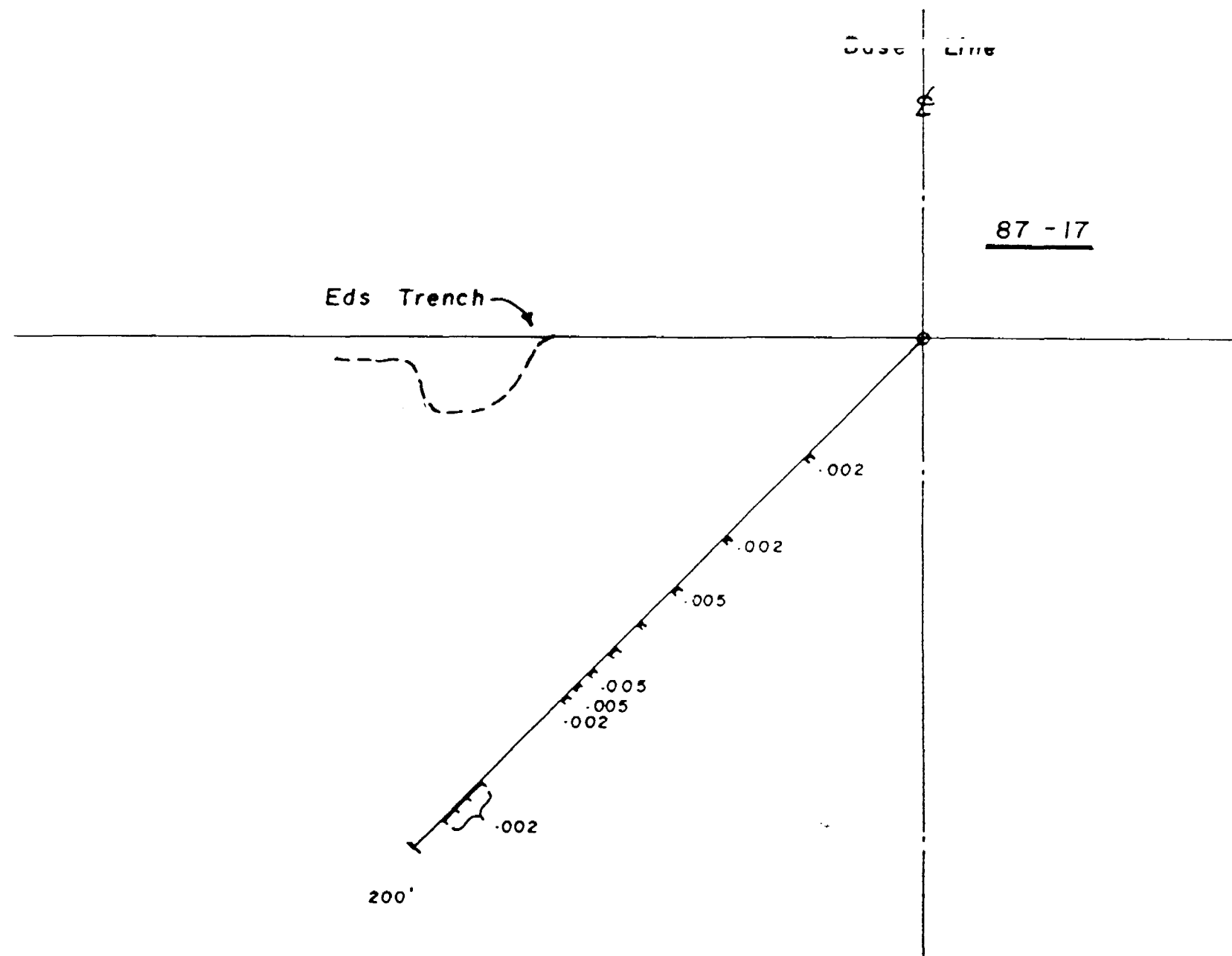
Dwg By.:	Date: Oct. 88	
App.	Chk'd	



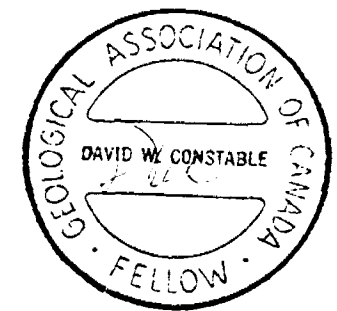
Young-Shannon Gold Mines, Ltd. Chester Twp, Ontario		
<u>Zone B</u>		
D.D. Hole <u>87-12</u> , <u>87-13</u>		
Dwg By.:	Date: Oct. 88	
App.	Chk'd	



Young-Shannon Gold Mines, Ltd. Chester Twp, Ontario	
Zone - B	
D.D. Hole 87-14, 87-15	
Dwg By.:	Date: Oct. 88
App.	Chk'd



87 - 17

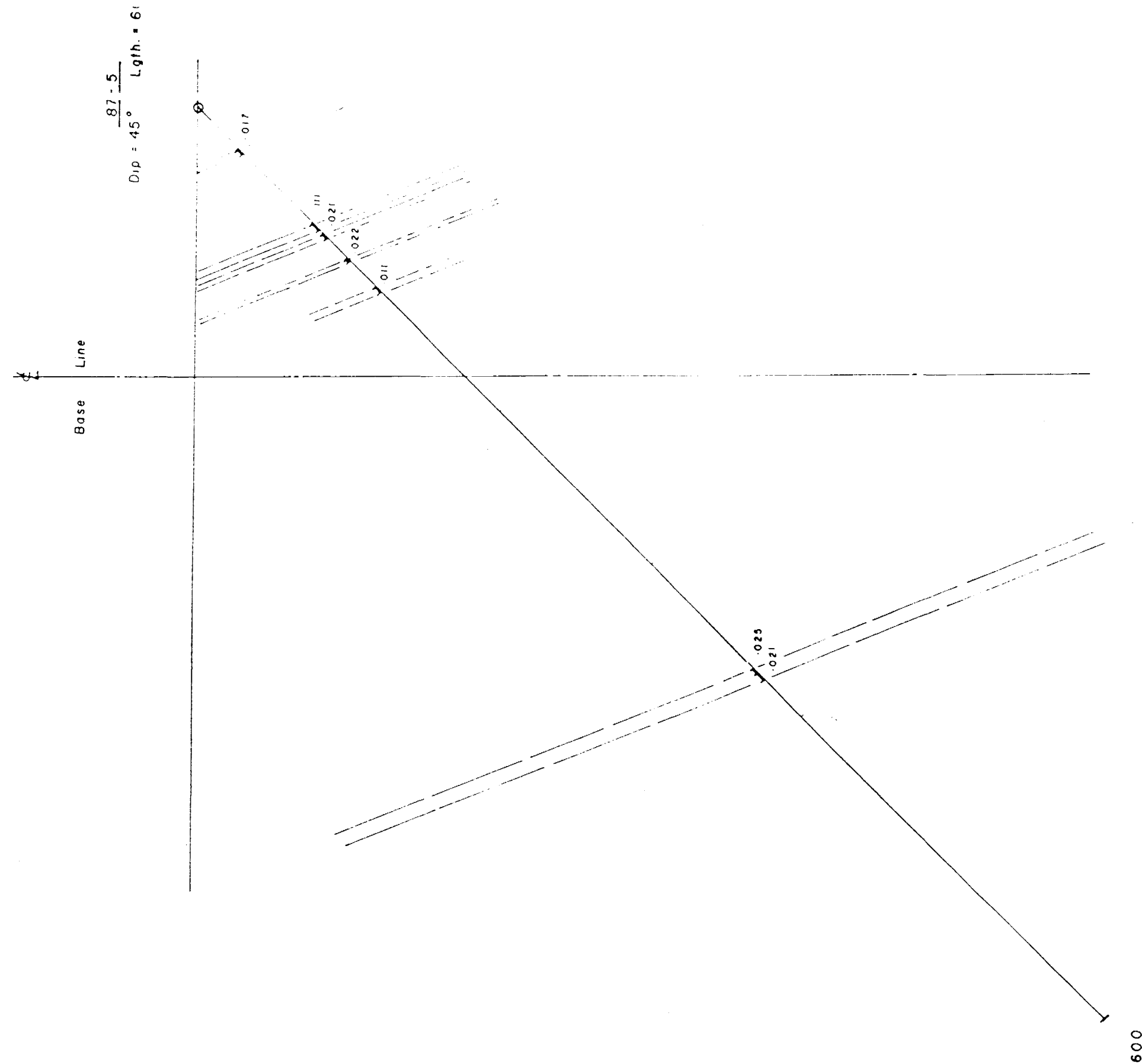


Young - Shannon Gold Mines, Ltd.
Chester Twp, Ontario

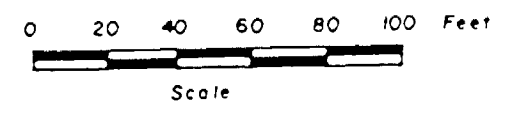
Zone - B

D.D. Hole 87 - 17

Dwg By.:	Date: Oct. 88
App.	Chk'd



Zone - C 87 - 5

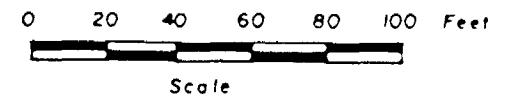
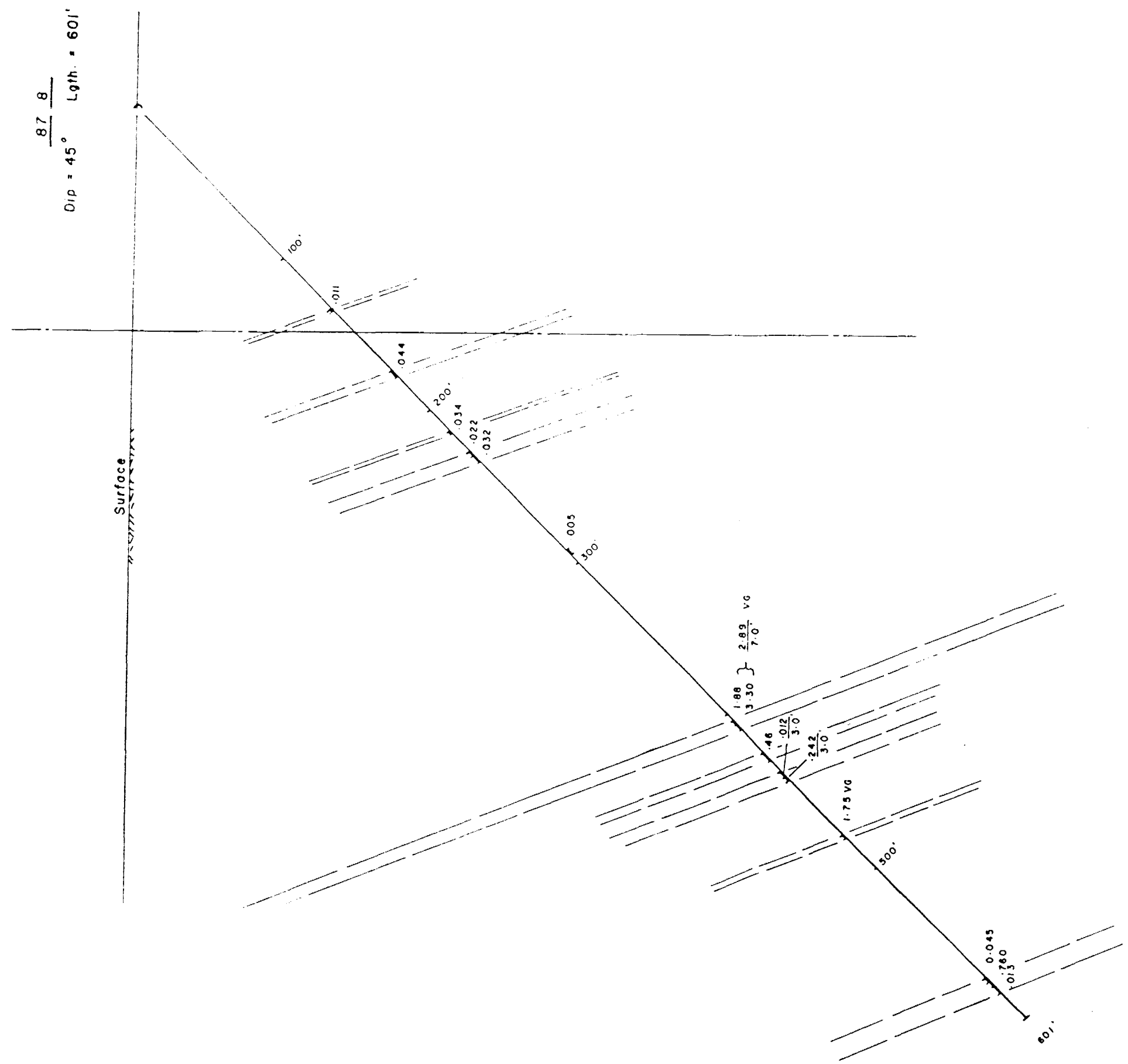


Young-Shannon Gold Mines, Ltd.
Chester Twp, Ontario

Zone - C
D. D. Hole 87 - 5

Dwg By.:	Date: Oct. 88	
App.	Chk'd	

87-8
 Dip = 45° Lgth. = 601'

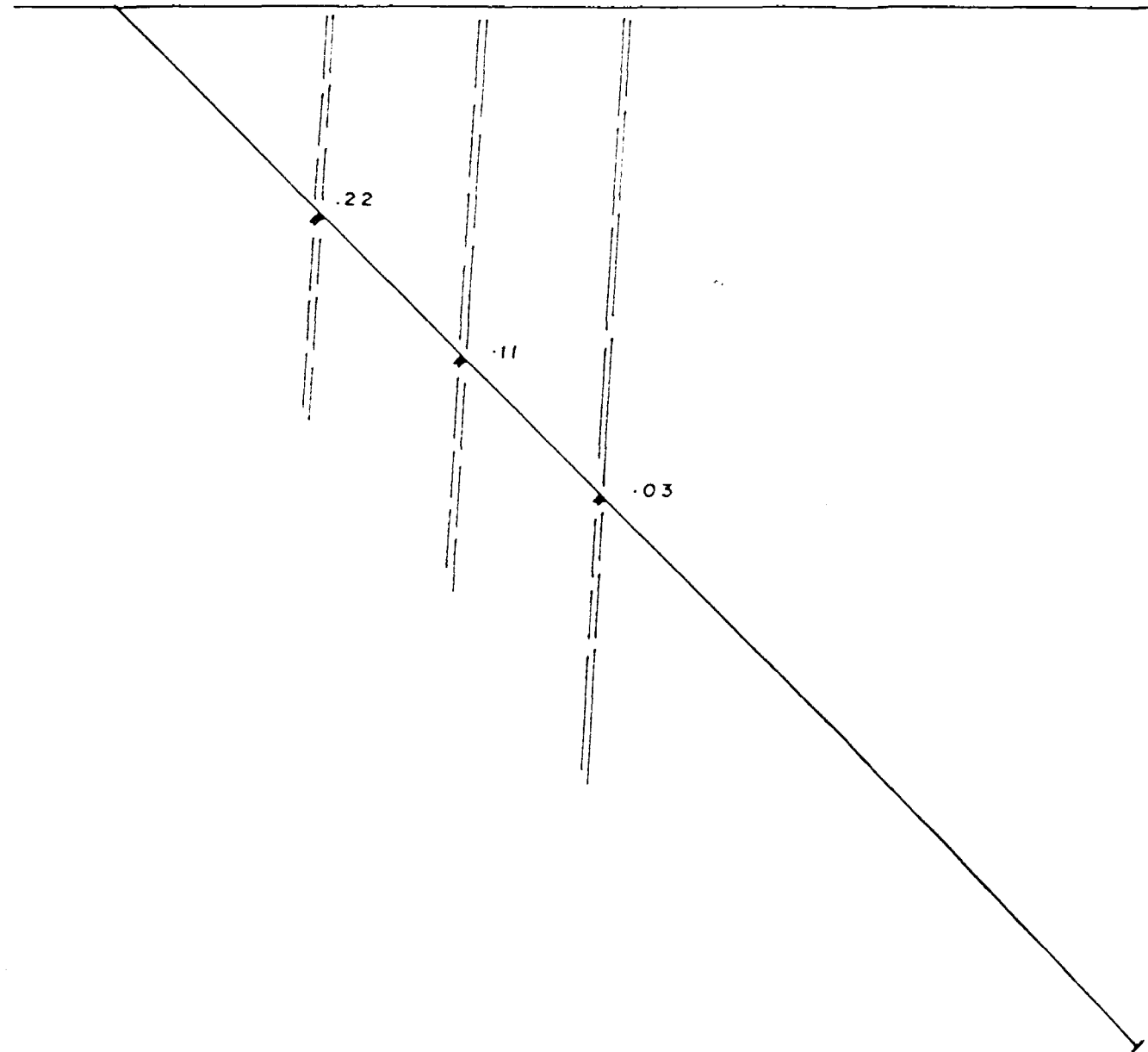


Young-Shannon Gold Mines, Ltd. Chester Twp, Ontario	
Zone - C	
D. D. Hole 87-8	
Dwg By.:	Date: Oct. 88
App.	Chk'd

87-9

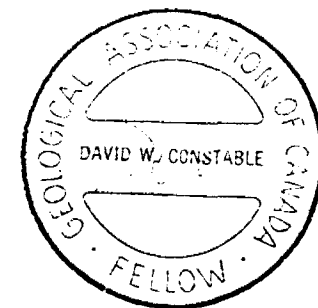
Dip = 45° Length = 350'

Surface



350'

1" = 40'

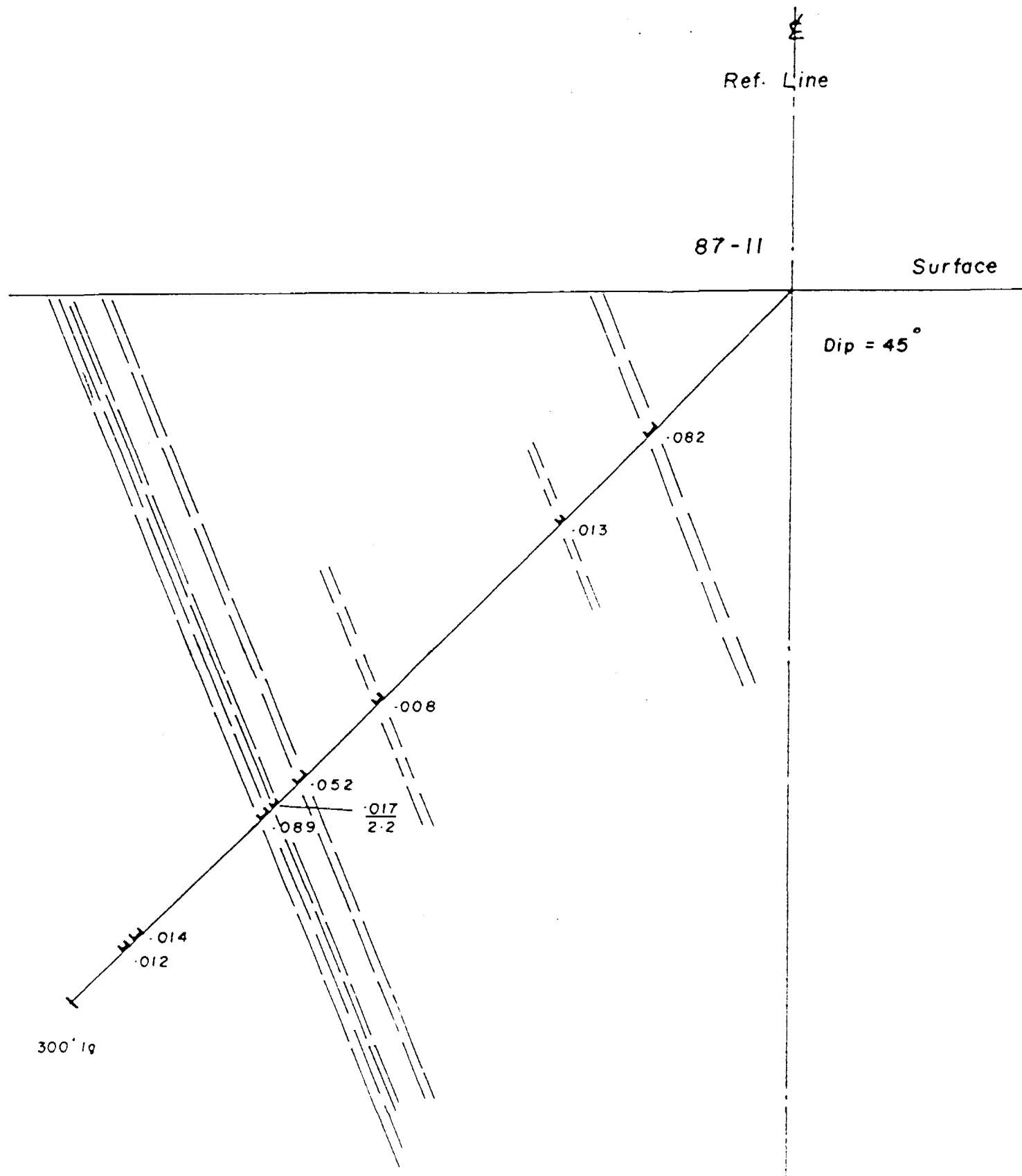


Young - Shannon Gold Mines, Ltd.
Chester Twp , Ontario

Zone - C

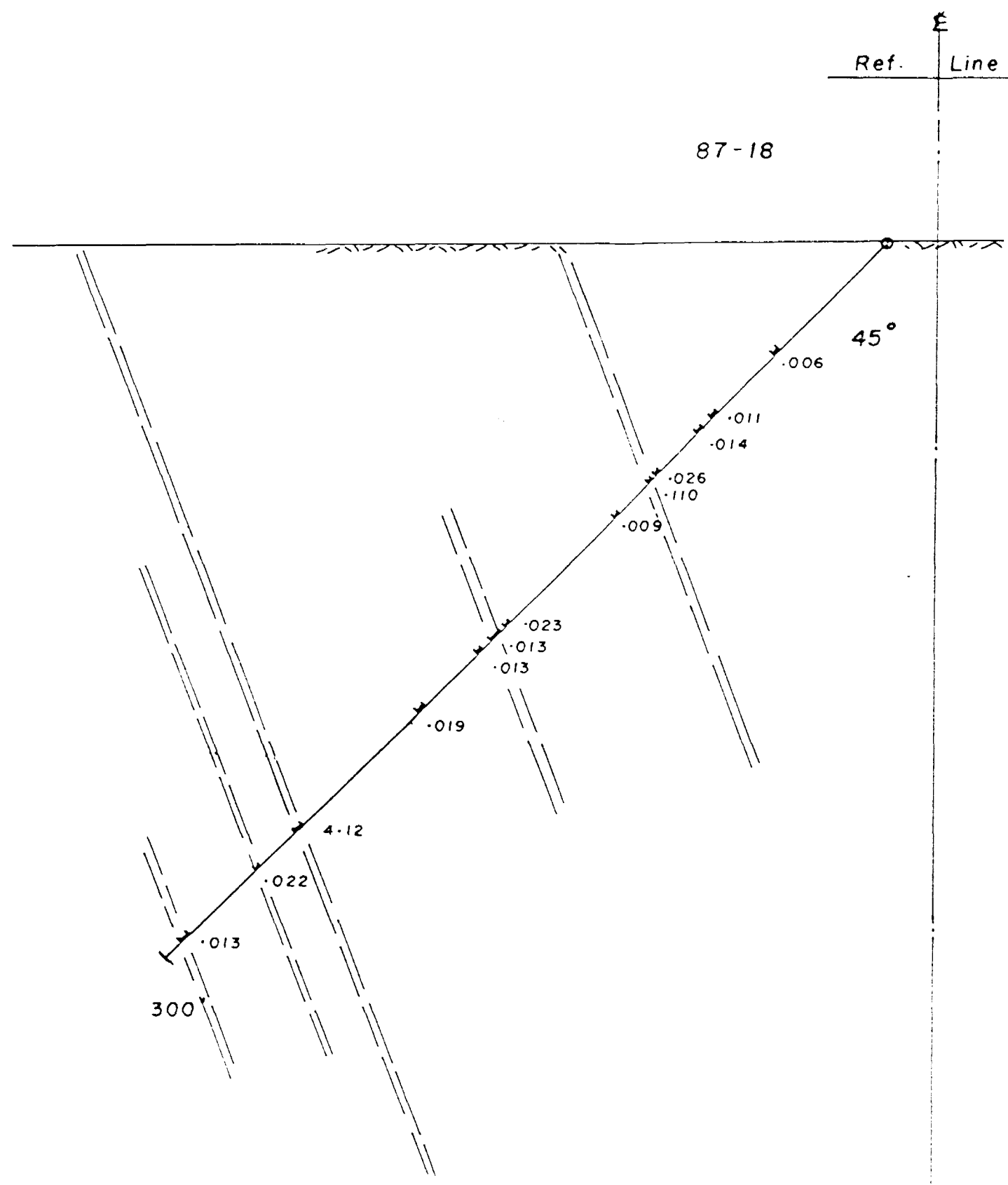
D.D. Hole 87 - 9

Dwg By.:	Date : Oct. 88	
App.	Chk'd	



Young - Shannon Gold Mines, Ltd. Chester Twp , Ontario	
Zone - C	
D.D. Hole	87 - 11
Dwg By.:	Date : Oct. 88
App.	Chk'd

1" = 40'

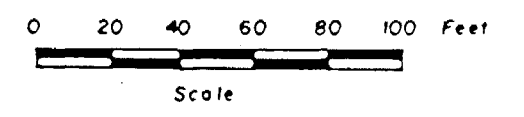
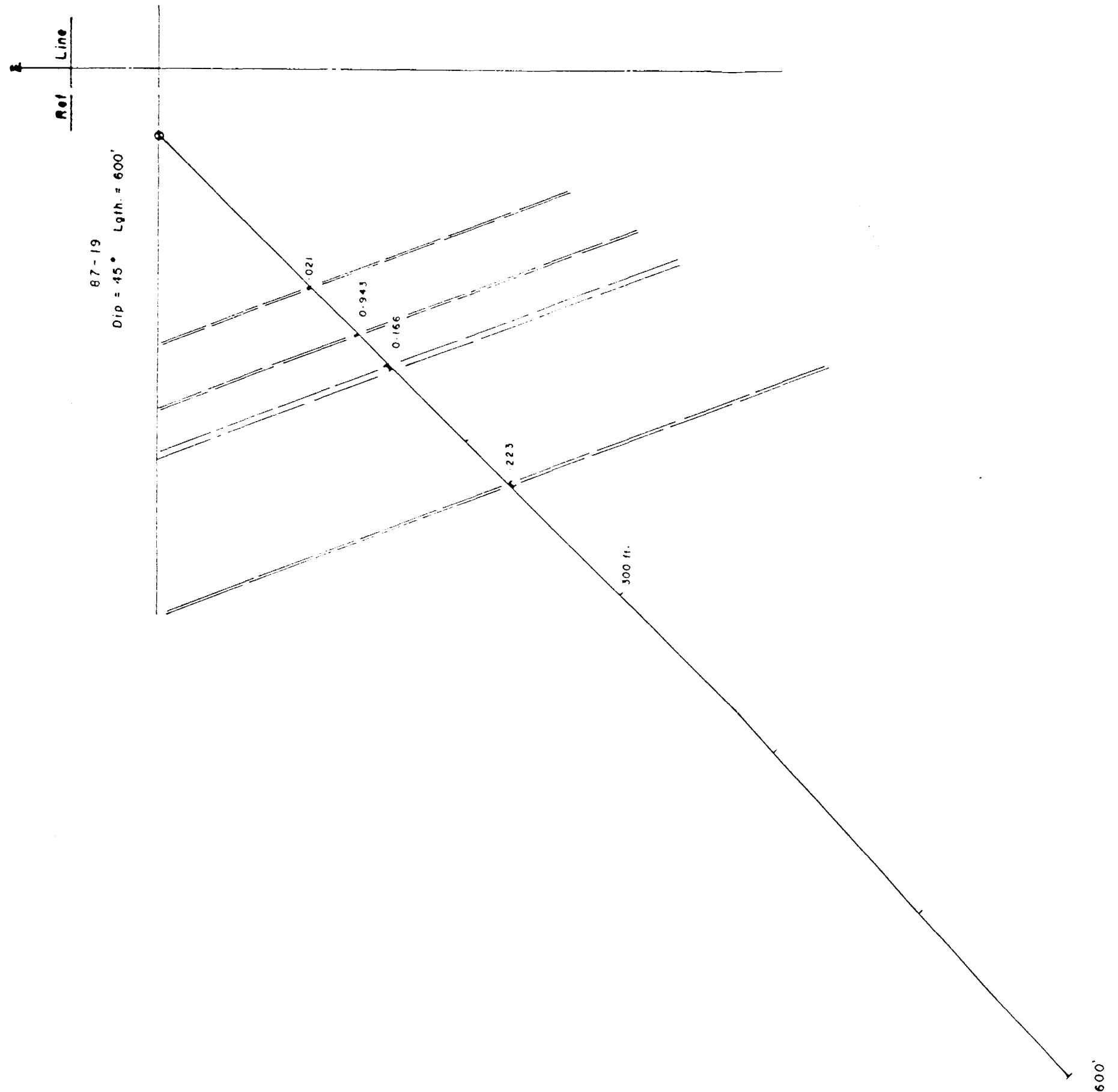


Young-Shannon Gold Mines, Ltd.
 Chester Twp, Ontario

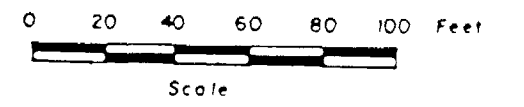
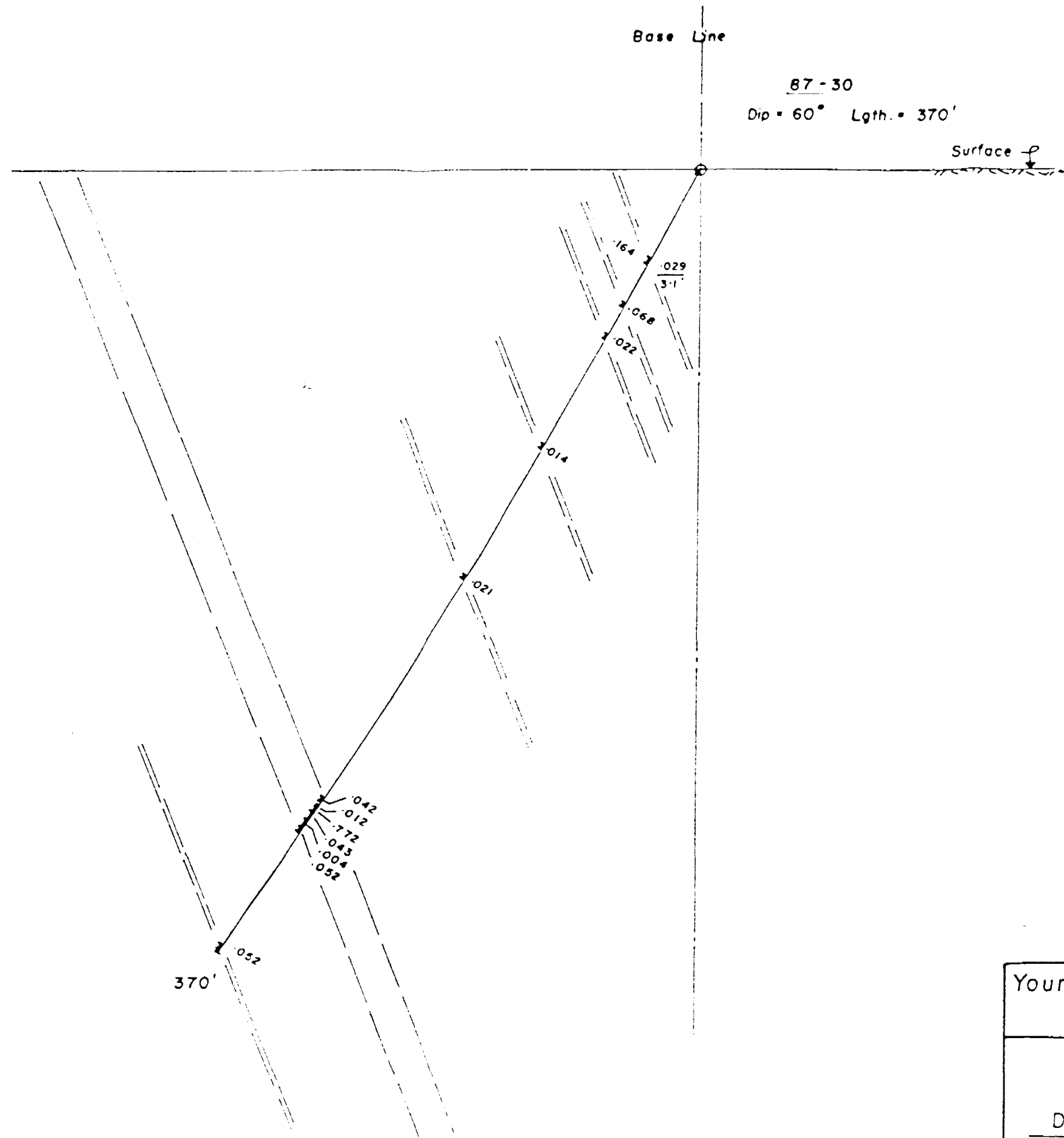
Zone - C
D. D. Hole 87 - 18

Dwg By.:	Date: Oct. 88
App.	Chk'd

1" = 40'

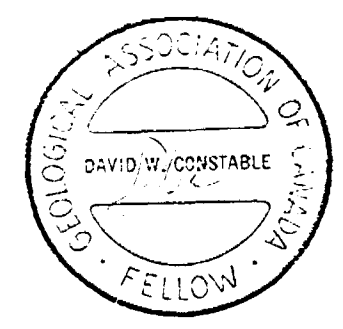
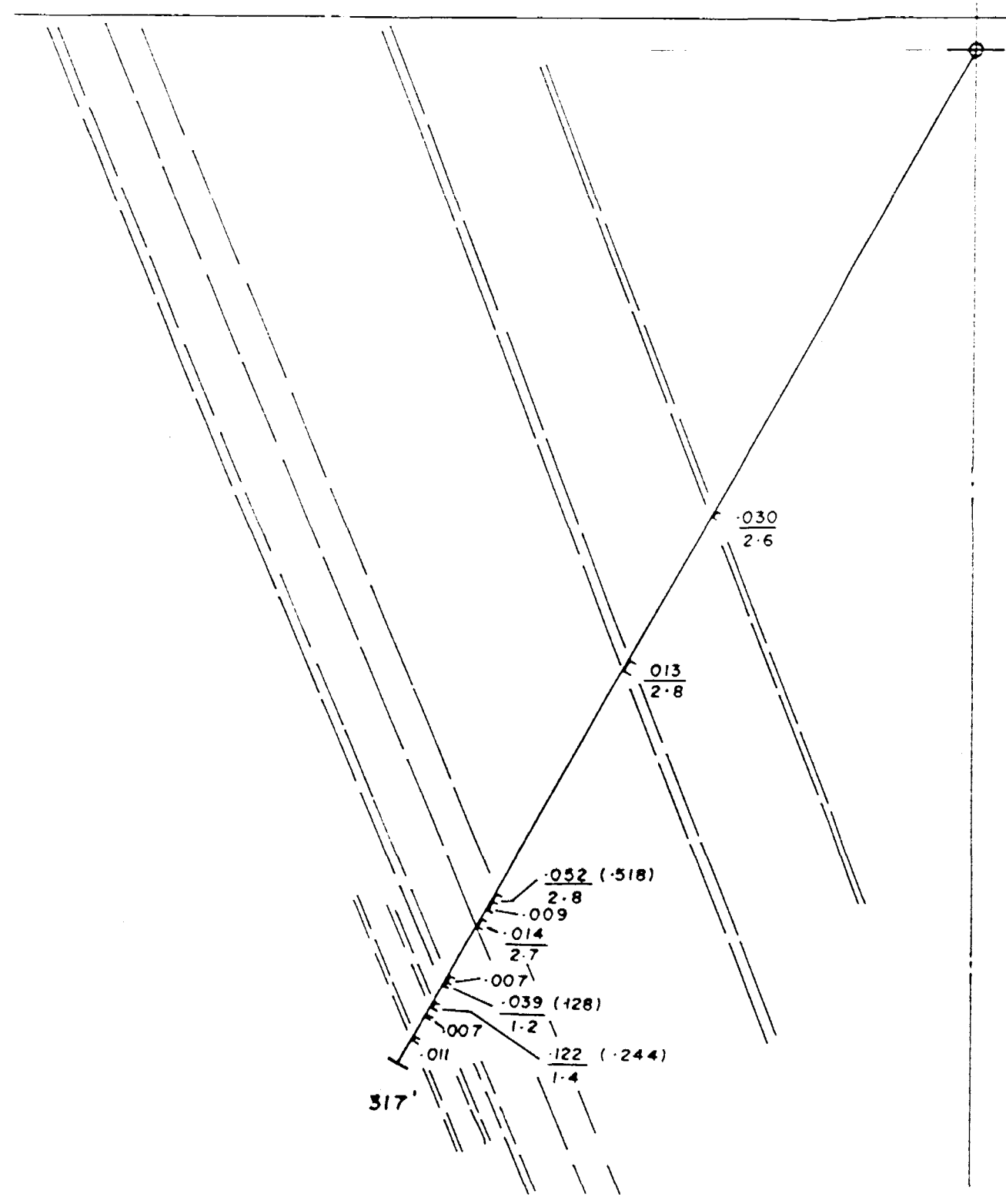


Young-Shannon Gold Mines, Ltd. Chester Twp, Ontario	
<u>Zone - C</u>	
D. D. Hole	87-19
Dwg By.:	Date: Oct. 88
App.	Chk'd



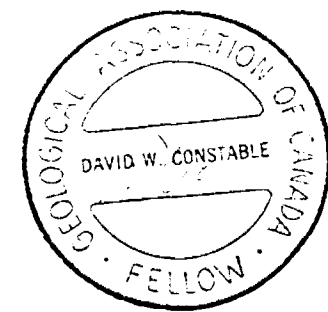
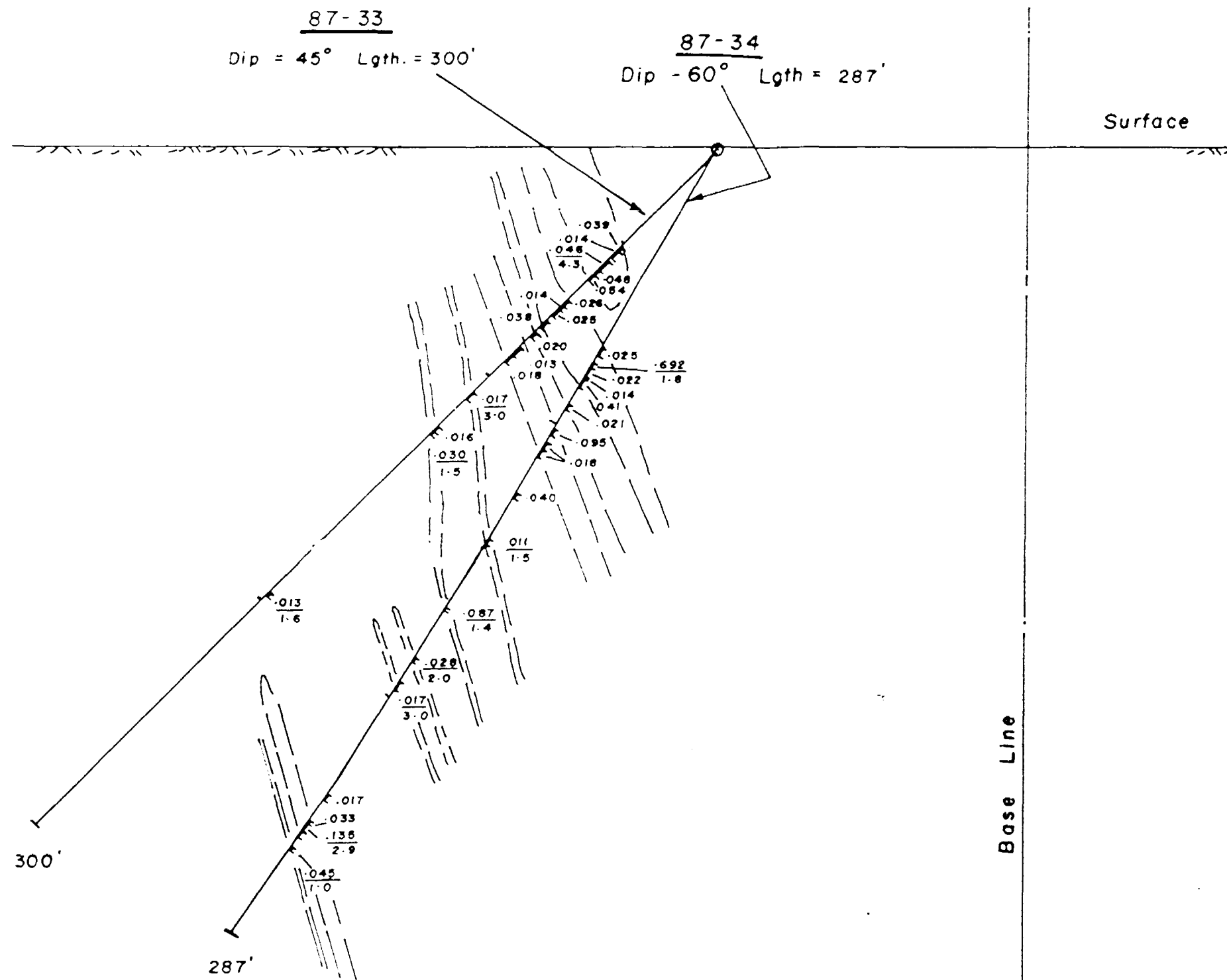
Young-Shannon Gold Mines, Ltd. Chester Twp , Ontario		
Zone C		
D. D. Hole 87 - 30		
Dwg By.:	Date : Oct. 88	
App.	Chk'd	

87-31 (in Lake)
 Dip = 60 Lgm = 317



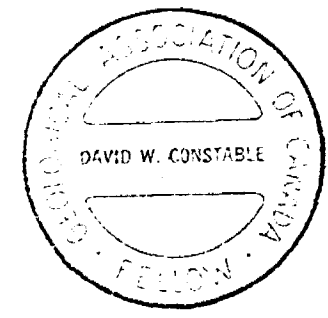
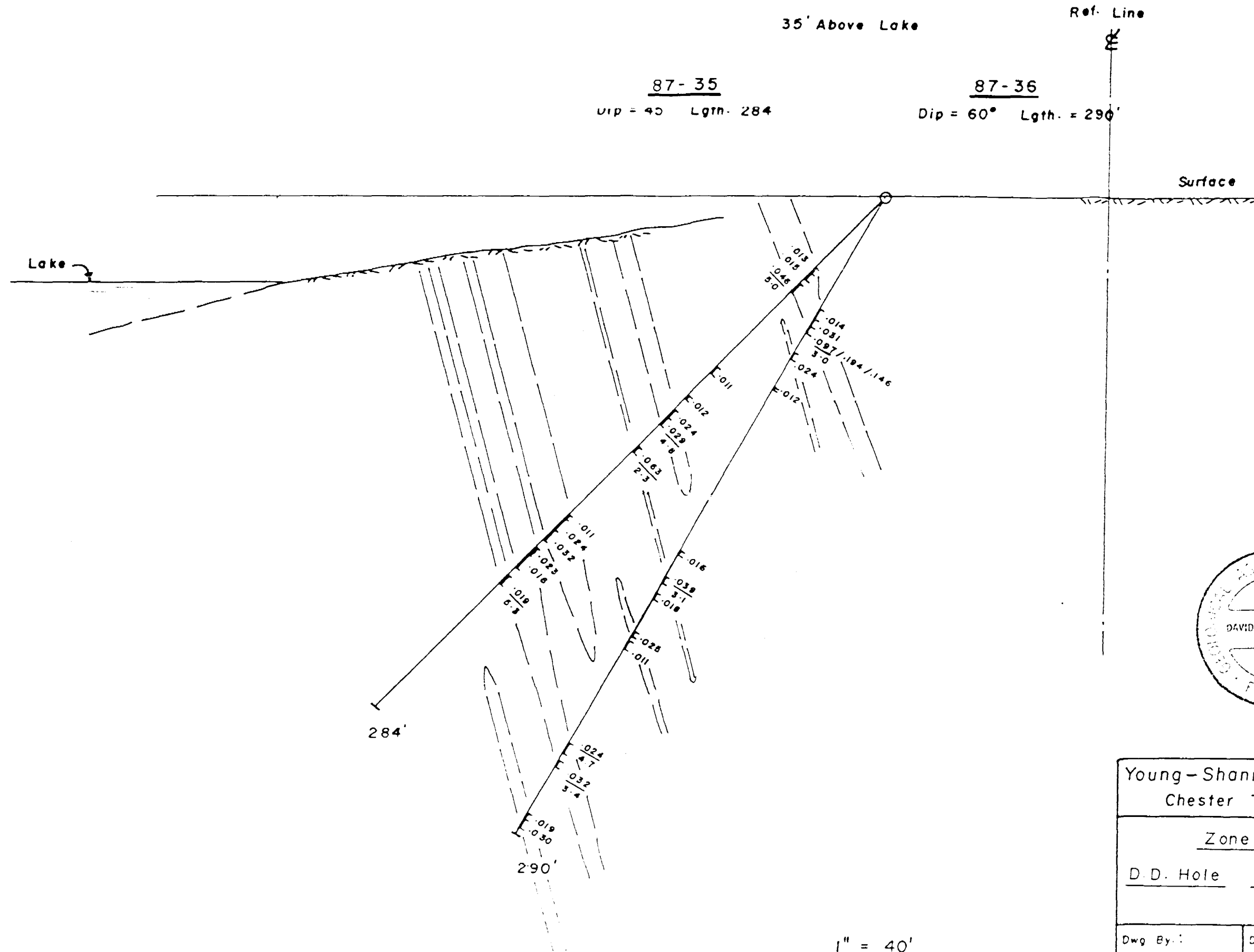
1" = 40'

Young - Shannon Gold Mines, Ltd. Chester Twp, Ontario	
Zone C	
D. D. Hole 87 - 31	
Dwg By.:	Date: Oct. 88
App.	Chk'd



Young - Shannon Gold Mines, Ltd. Chester Twp , Ontario	
Zone - C	
D. D. Hole 87-33 , 87-34	
Dwg By.:	Date : Oct. 88
App.	Chk'd

1" = 40'



Young-Shannon Gold Mines, Ltd.	
Chester Twp, Ontario	
Zone - C	
D.D. Hole 87-35, 87-36	
Dwg. By.:	Date: Oct. 88
App.	Chk'd

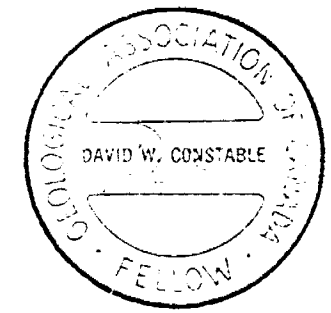
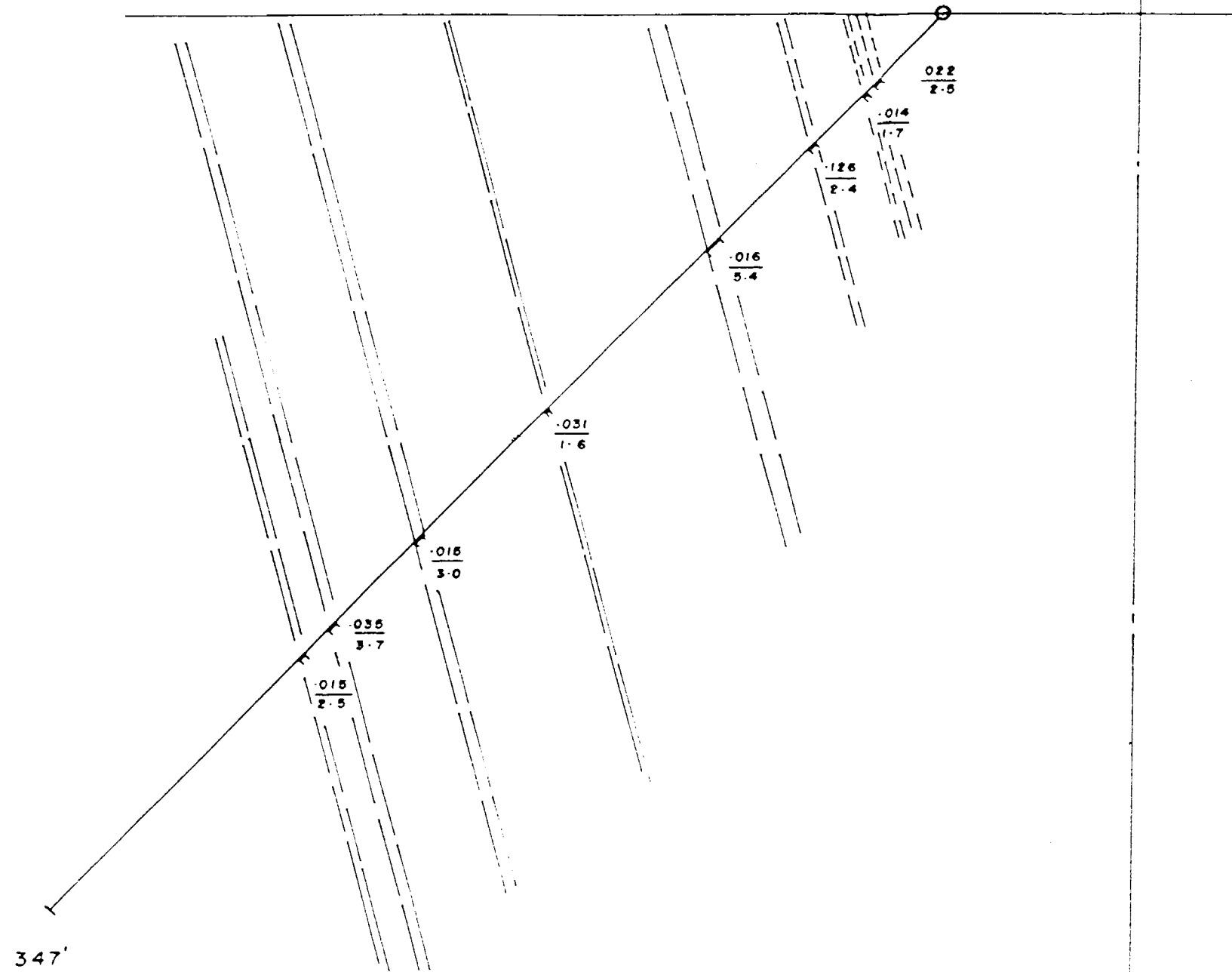
1" = 40'

"Elev. - 40'?"

88 37

Dip = 45° Lgth = 347

Ref. Line



Young - Shannon Gold Mines, Ltd.
 Chester Twp , Ontario

Zone - C

D. D. Hole 88 - 37

Dwg By. : Date : Oct. 88

App. Chk'd

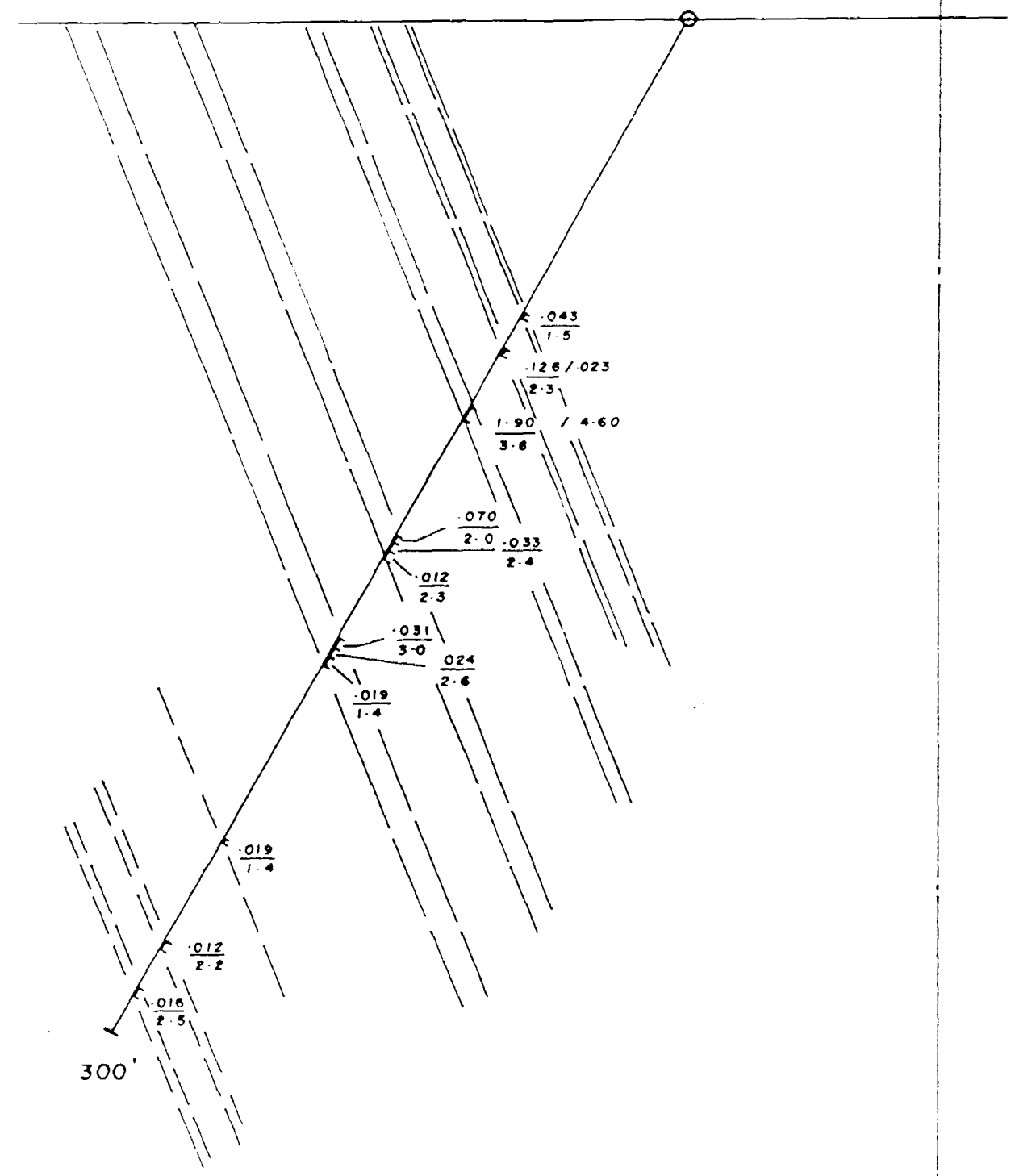
1" = 40'

Elev. -40' ?

87-38

Dip = 60° Lgth. = 300'

Ref Line



Young-Shannon Gold Mines, Ltd.
 Chester Twp, Ontario

Zone - C
D. D. Hole 87-38

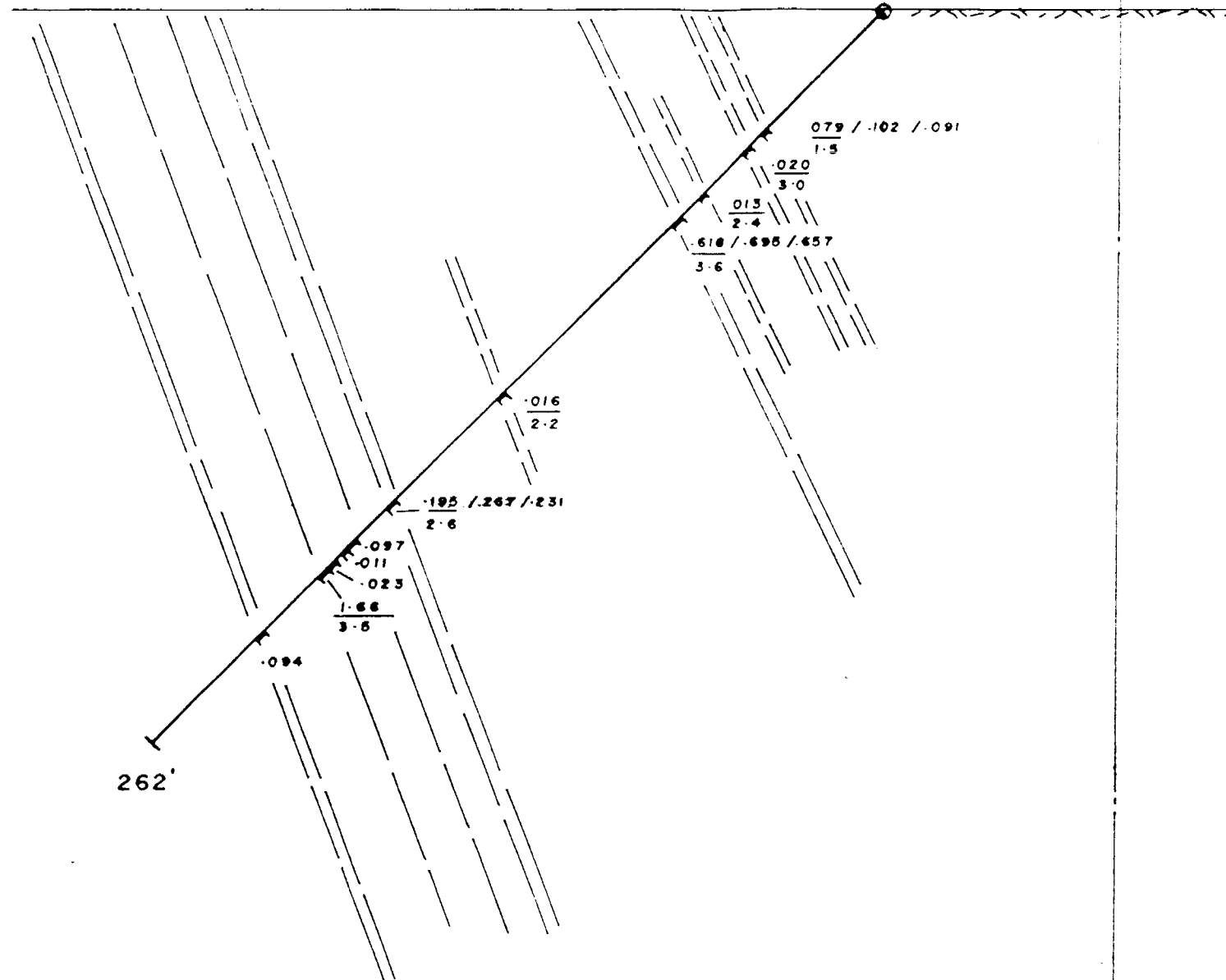
Dwg By.:	Date: Oct. 88	
App.	Chk'd	

1" = 40'

Elev. - 30' ?

Ref. line

87-39
Dip - 45° Lgth. = 262'



262'

1" = 40'



Young - Shannon Gold Mines, Ltd.
Chester Twp, Ontario

Zone C

D.D. Hole 87-39

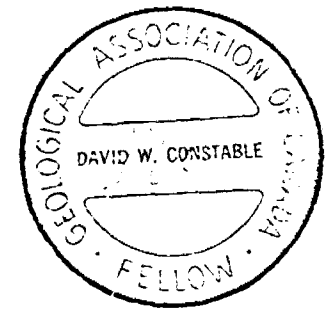
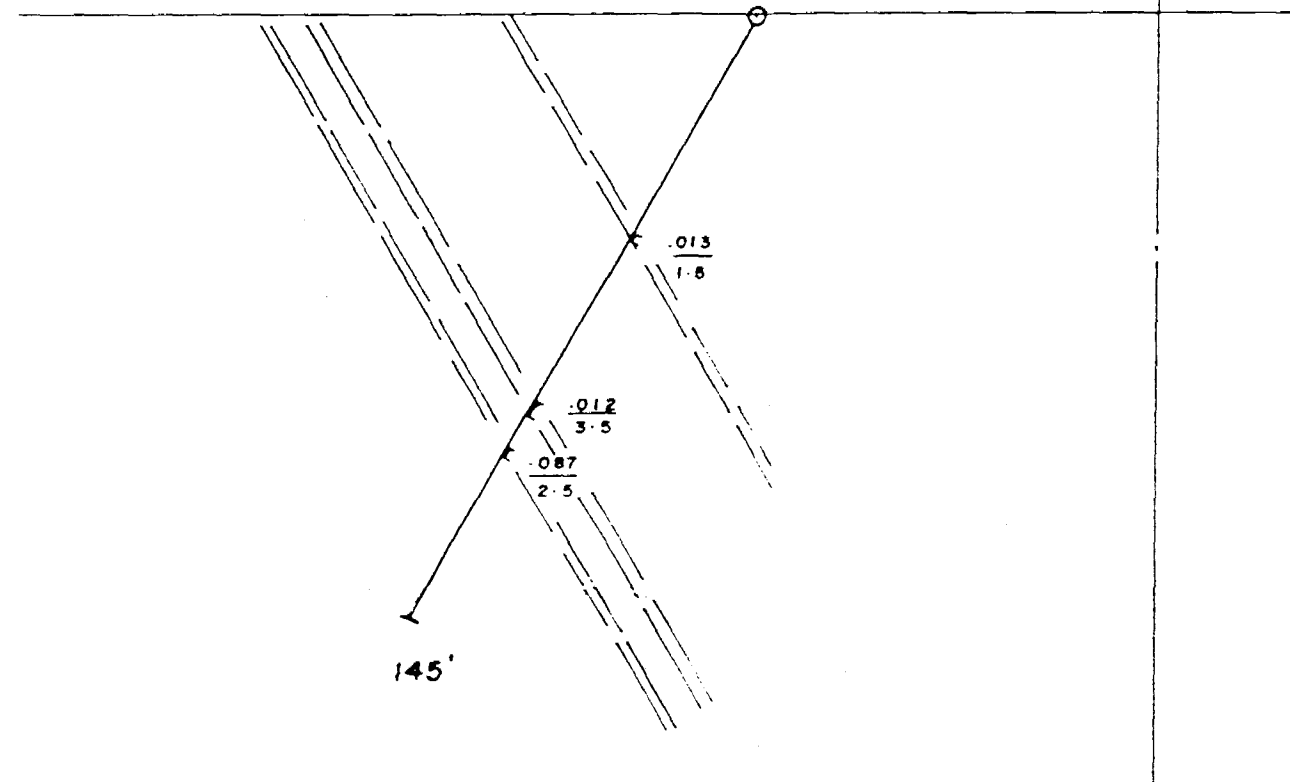
Dwg By.:	Date: Oct. 88	
App.	Chk'd	

(EL. 30')

87-40

Dip = 60° Lgth. = 145'

Ref. Line



Young - Shannon Gold Mines, Ltd.
Chester Twp , Ontario

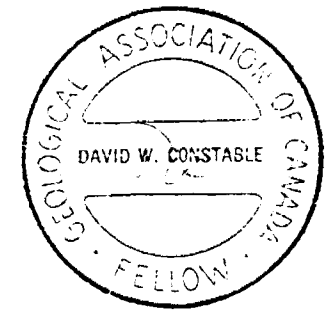
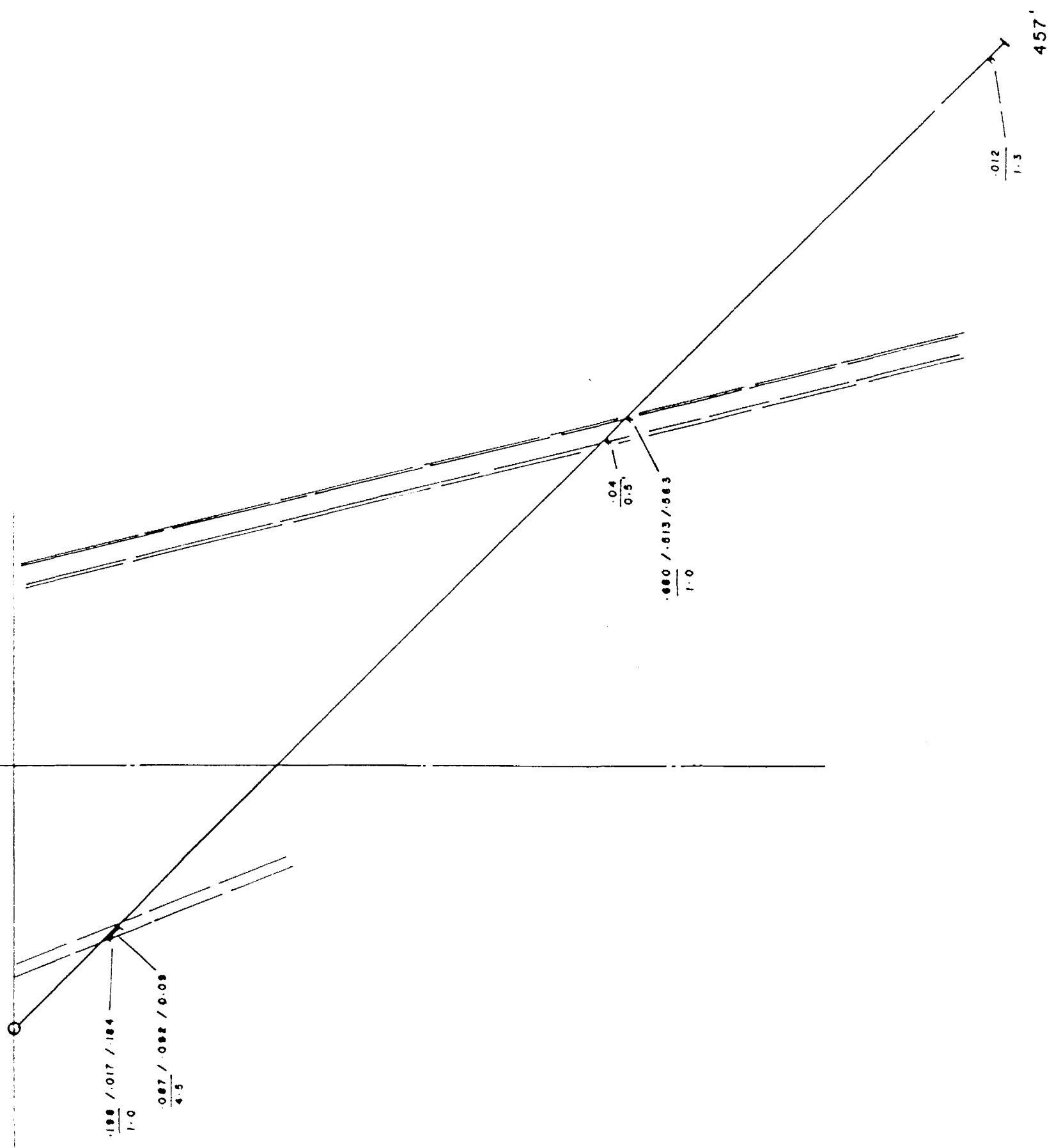
Zone - C
D. D. Hole 87 - 40

Dwg By.:	Date : Oct. 88	
App.	Chk'd	

1" = 40'

NET LINE

87 - 41
Dip = 45° Lenth. 457



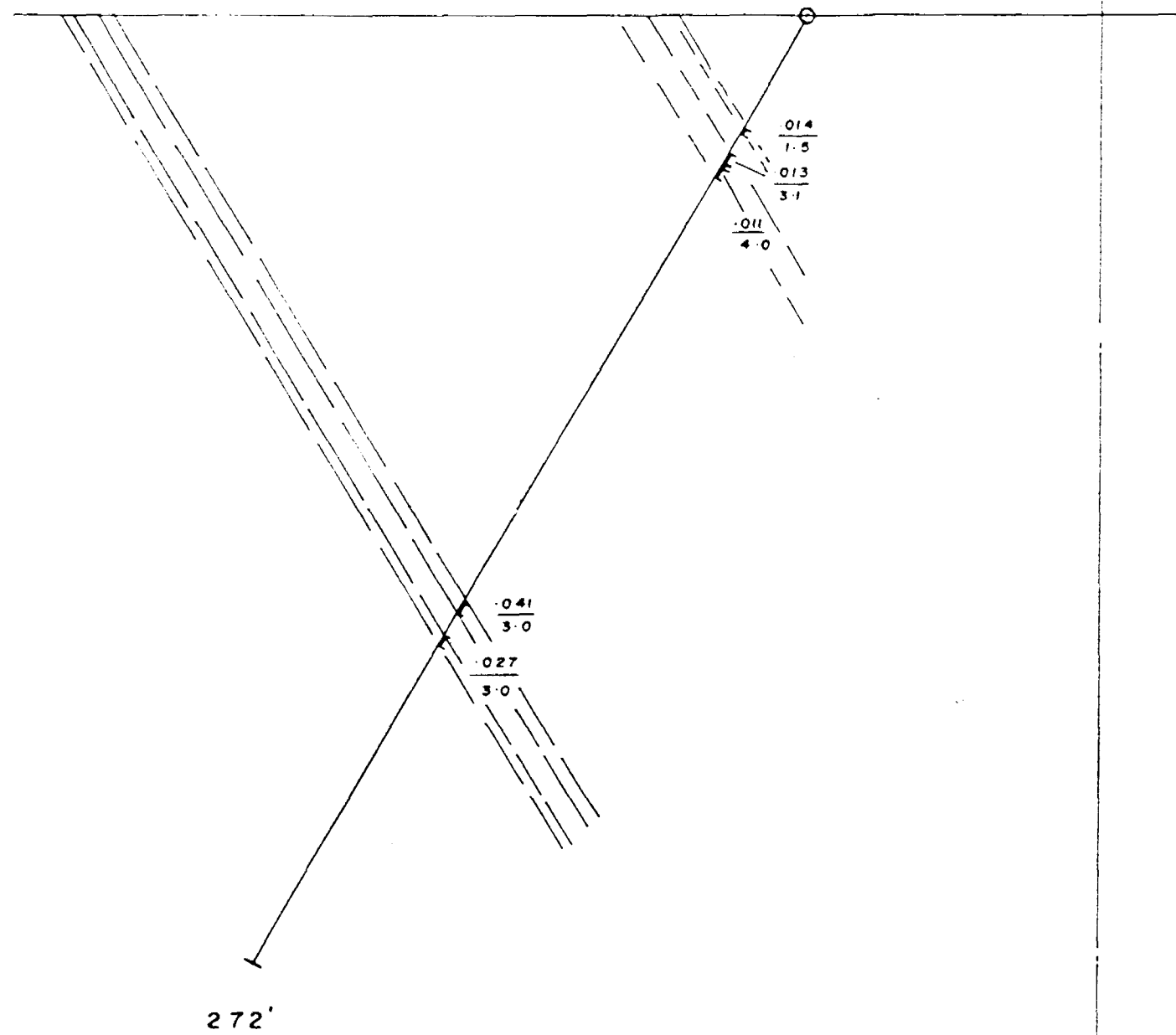
1" = 40'

Young - Shannon Gold Mines, Ltd. Chester Twp , Ontario		
Zone - C		
D.D. Hole		87 - 41
Dwg By.:	Date : Oct. 88	
App.	Chk'd	

(EL. 25' Above Lake)

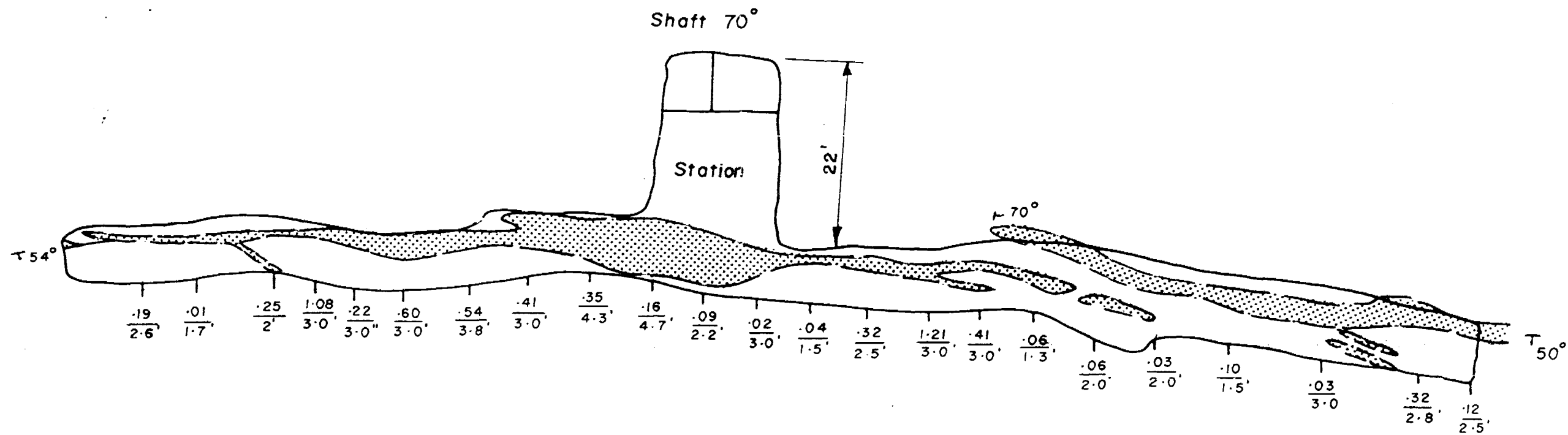
100' LINE

87-42
Dip = 60° Lgth. = 272'

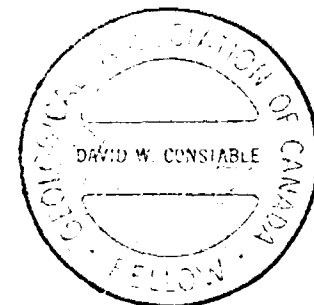
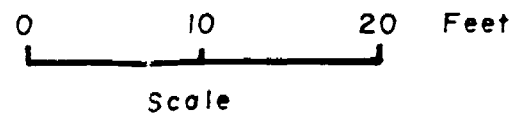


Young-Shannon Gold Mines, Ltd. Chester Twp, Ontario	
Zone - C	
D. D. Hole <u>87-42</u>	
Dwg By.:	Date: Oct. 88
App.	Chk'd

1" = 40'



Plan of First Level



Young-Shannon Gold Mines, Ltd.		
Chester Twp, Ontario		
<u>Plan of First Level</u>		
Dwg. By: S. Bell	Scale: See Bar	MAP - 2
App.:	Chk'd.:	



Ministry of
Natural
Resources

Diamond
Drilling
Log

BQ WIRE LINE

AZ 195°

22 BOXES tagged & stored at Young Shannon

Note: "Core shack old garage on Property Cote Lake"

Fill in on
every page

Hole No. 87-30A No. of 2

Drilling Company TRIANGLE DRILLING CO.		Collar Elevation	Beginning of hole from true North S. 15° W.	Total Footage 447 feet	Dip of Hole at Collar 46°	Location of hole in relation to a fixed point on the claim.	Map Reference No. NTS 41 P/2	Claim No. 20095
Date Hole Started Sept 1 1987	Date Completed	Date Logged	Logged by C. G. CHERITON	200 FL 48	400 FL 50		Location (Twp., Lot, Con. or Lat. and Long.) QUESTER TWP	GOSSELINK "SHOWING - A ZONE"
Exploration Co., Owner or Optionee NORTHQUEST VENTURES INC.		Date Submitted Sept 30/88	Submitted by (Signature) <i>C. G. Cherton</i>		FL	Property Name YOUNG-SHANNON		
					FL			

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planner Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	AA Assays ‡	
From	To						From	To		AU	
0	31	CASING				13511	55.4	57.0	1.6	TR	
						512	60.2	61.8	1.6	.063	
						513	61.8	64.8	3.0	TR	
31	171	GRANODIORITE	MAINLY FINE TO MEDIUM GRAINED - GREY TO BLUSH GREY EQUIGRANULAR IGNEOUS ROCK WITH LOCAL ALTERATION AND SILICIFICATION - PYRITE SEAMS AT 61 FEET AND 104 FEET. ALSO INCLUDED QUARTZ SERICITE SCHIST (PROBABLY ORIGINAL TUFFS AT 140-147 FEET WITH SEAMS AND SPECKS OF SULPHIDE AND QUARTZ VEINLETS -			514	86.6	88.8	2.2	.007	
						13357	100.0	103.3	3.3	.006	
						58	103.3	107.8	4.5	.003	
						59	107.8	110.5	2.7	.007	
						60	110.5	113.0	2.5	.005	
						61	113.0	115.1	2.1	.002	
171	210	Meta-TUFFS Quartz Sericite Schist	MAINLY QUARTZ SERICITE SCHIST WITH BLUE QUARTZ EYES AND GREY CARBONATE SEAMS. GREY TO YELLOWISH GREY, FINE TO MEDIUM GRAINED Sch. TO PATCHES OF SULPHIDES AT 172 FEET AND 1/8 INCH SEAMS FeS2 PARALLEL TO FOLIATION AT 174 FEET - TO CA.			62	115.1	118.0	2.9	.002	
						13363	141.2	144.0	3.8	.299	
						64	144.0	146.5	2.5	.070	
						65	167.5	170.5	3.0	.004	
						66	170.5	172.5	2.0	.022	
						67	172.5	175.5	3.0	.048	
210	282	GRANODIORITE	AS ABOVE			68	175.5	179.5	4.0	.004	
						13369	191.0	194.0	3.0	.009	
282	290	META TUFFS Quartz Carb Schist & GNEISS	DARK GREY, FINE GRAINED QUARTZ CARBONATE SCHISTS (PROBABLY TUFF HANDS INCLUDED IN GRANO - CONTAINS SPECKS & SEAMS OF SULPHIDE			70	194.0	196.1	2.1	.001	
						71	196.1	199.5	3.4	TR	
						72	199.5	201.5	2.0	.008	
						73	201.5	204.5	3.0	.002	
290	373	GRANODIORITE	AS ABOVE with partially digested INCLUSIONS			74	204.5	207.0	2.5	.003	
						13375	207.0	209.6	2.6	.003	
373	377	Quartz-CARB. BIOTITE-AMPHIBOLITE SCHIST	DARK GREY GREEN FINE-GRAINED DENSE SCHISTOSE ROCK CUT BY IRREGULAR QUARTZ CARB VEINLETS with specks of sulphide			76	209.6	210.6	1.0	.004	
						77	210.6	213.75	3.15	.005	
						78	213.75	215.0	1.25	.010	
						79	215.0	218.0	3.0	.003	
377	447	GRANODIORITE	AS ABOVE - white Quartz Vein at 412-413 feet also banding & layering of Ferro-Mag minerals -			80	220.0	223.0	3.0	.021	
						13381	223.0	225.5	2.5	.017	
						82	225.5	228.3	2.8	.012	
						83	228.3	231.0	2.7	.003	
						84	229.0	232.0	3.0	.007	
						13385	232.0	234.9	2.9	.003	
	497	END of HOLE									

* For features such as foliation, bedding, schistosity, measured from the inner side of the core

† Additional credit available. See Assessment Work Description

Nov. 10 '88 17:17 1988 ERANA MINES LTD 1-705-692-0540



AZMUTH 195° 22 Boxes tagged + stored at CHESTER Fill in on every page Hole No. 87-30A Page No. 2

Drilling Company TRIANGLE DRILLING		Collar Elevation	Bearing of hole from true North S 15° W	Total Footage 447	Dip of Hole at Collar 46	Location of hole in relation to a fixed point on the claim.	Map Reference No. NTS 41 P/12	Claim No. 20095
Hole Started / PT 1/00	Date Completed	Date Logged	Logged by C. CHESTANI	200 R. 48	400 R. 50		Location (Twp., Lot, Con. or Lat. and Long.) CHESTER TWP.	"A" ZONE ASSAYS CONTINUED -
Corporation Co., Owner or Optionee NORTHQUEST VENTURES INC.		Date Submitted Sept 30/88	Submitted by (Signature) <i>[Signature]</i>				Property Name YOUNG SHANNON	

Footage		Rock Type	Description <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Planar Feature Angle*	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	AA Assays †	
From	To						From	To		Al	
						13386	284.9	288.0	3.1		
						87	293.5	296.5	3.0	.004	
						88	296.5	297.9	1.4	.008	
						89	297.9	301.0	3.1	.004	
						90	303.4	306.4	3.0	.003	
						13391	306.4	307.0	0.6	.055	
						92	307.0	310.0	3.0	.003	
						93	314.0	317.0	3.0	.004	
						94	317.0	319.1	2.1	.006	
						95	319.1	322.0	2.9	.006	
						13396	322.0	325.0	3.0	.006	
						97	325.0	327.0	2.0	.003	
						98	327.0	329.0	2.0	.004	
						99	372.0	374	2.0	.003	
						13400	374.0	376.5	2.5	.009	
						13401	376.5	378.5	2.0	.012	
						2	386.0	388.0	2.0	.003	
						3	388.0	390.3	2.3	.004	
						4	390.3	392.5	2.2	.004	
						13405	392.5	394.5	2.0	.004	
						6	410.0	412.0	2.0	.002	
						7	412.0	414.0	2.0	.003	
						13408	414.0	416.0	2.0	.004	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

NOV. 10 '88 16:23 1983 ERANA MINES LTD 1-705-682-0640 P. 2/20



Diamond
 Drilling
 Log

drilled from Cote Lake ice
 - ice surface

HOLE SHOULD HAVE kept drilling →

C-ZONE

4 Boxes

Fill in on every page
 Hole No. 8731 Page No. 1

Drilling Company TRIANGLE DRILLING		Collar Elevation Cote Lake	Bearing of hole from true North N 30° W	Total Footage 317	Dip of Hole at Collar 60°	Location of hole in relation to a fixed point on the claim 225 S 60° W of 8150 on Lake surface	Map Reference No.	Claim No. 19971
Date Hole Started Feb 29/87	Date Completed MAR 1/87	Date Logged	Logged by C. E. CHERNIAK				Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee Young Shannon Mines		Date Submitted	Submitted by (Signature)				Property Name YOUNG SHANNON	

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	62	CASING	1 foot boulder in lake bottom (COTE)								
62	270	GRANODIORITE	BLUISH GREY & LIGHT GREY FINE TO MEDIUM GRAINED IGNEOUS RX with a few white quartz seams & faint inclusions and slices of included AMPHIBOLITE GNEISS			9871	143.0	145.6	2.6	0.026	0.030 ✓
			2.0 feet of glassy white qtz at 130-132 feet with dark green chlorite schist margins little or no FeS ₂			9872	190.3	193.1	2.8	0.013	TR. ✓
			also 139-140 - dark green schist FeS ₂ 142-5% and quartz veins 142-144 feet			9873	262.7	265.5	2.8	0.052	0.518 ✓
			296-299 - DARK GREEN SCHIST with qtz CARBONATE STAIN @ 30" to CH.			9874	265.5	268.3	2.8	0.009	0.027 ✓
			263-268 Dissem-FeS ₂ with PINK CARBONATE at 30"			9875	271.0	273.7	2.7	0.014	0.050 ✓
			270-292 Qtz AMPHIBOLITE GNEISS with Amphibolite GNEISS cut by narrow irregular qtz veins with NO FeS ₂	30 to 40		9876	289.0	291.4	2.4	0.007	0.068 ✓
			Qtz vein with 5% FeS ₂ at lower contact	90°		9877	291.4	292.6	1.2	0.039	0.128 ✓
			GREY & PINKISH MEDIUM to COARSE GRAINED GRANODIORITE with some Qtz and FeS ₂ seams at 301-309	60°		9878	297.8	299.3	1.4	0.122	0.244 ✓
			also patchy rounded feldspar porphyroblasts 315-317			9879	301.2	304	2.8	0.007	0.051 ✓
			HOLE SHOULD HAVE been extended 1/2 mi! DID NOT REACH MAIN VEIN			9880	308.0	309.6	1.6	0.011	0.079 ✓
292	317	GRANODIORITE	GREY & PINKISH MEDIUM to COARSE GRAINED GRANODIORITE with some Qtz and FeS ₂ seams at 301-309								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Book.



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check ✓ S 15° W

28 BOXES

Fill in on
every page

1987
Hole No. 31 A Page No.

Drilling Company TRIANGLE DRILLING		Collar Elevation	Bearing of hole from true North	Total Footage 575	Dip of Hole at Collar 60°	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed 11/10/87	Date Logged	Logged by CHERILYN					
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		575 FL 63°		Property Name	

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays ‡	
From	To						From	To			
0	25	CASING									
25	32	DIPASE	DARK GREY SLATE - Fine to Medium Grained DENSE INTRUSIVE CUTTING PINK FLESH COLOURED GRANODIORITE at 4.5° to 6°.	45							
32	247	GRANODIORITE	MAINLY PINKISH GREY & BLuish GREY MEDIUM GRAINED EQUI GRANULAR (IGNEOUS) ROCKS WITH FAINT BANDING at 10 - 20% BIOTITE - MAINLY AMPHIBOLE and LOCAL SILICIFICATION & DISSEMINATED Pyd MINERAL CO Qtz veins at 68, 74, 182 etc.	50							
247	275	META Rhyolite GNEISS	YELLOWISH GREY - GRANULAR locally banded and banded QUARTZ SERICITE GNEISS with 1-2% sulphides & locally interstitial quartz OR Silicification & layers of sulphide at 1/8" seams // to schistosity 10' at 254 80	60							
275	397	GRAND	LC ABOVE - some siliceous sections of Chlorite schist band at 372-373 - @ 80 to 60	80							
397	402	META TUFF BANDS	- FS ABOVE - NARROW BANDS	70							
402	575	GRAND	FS ABOVE - Black Biotite schist band at 530-532	70							
	575	END	White qtz vein 543-544 - minor FeS2 NOTE Box 27 and 28 - cont using - ACTUAL Depth uncertain 60								

19 Boxes

Drilling Company TRIANGLE DRILLING	Collar Elevation	Bearing of hole from true North S 70 W	Total Footage 377	Dip of Hole at Collar 47 1/2	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed SEPT 4/87	Date Logged SEPT 7/87	Logged by CHERITON	FL		Location (Twp., Lot, Con. or Lat. and Long.)	Property Name feet "A" ZONE	
Exploration Co., Owner or Optionee	Date Submitted	Submitted by (Signature)	300 FL 51°	FL				

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	17	CASING									
17	192	GRAND	MAINLY GREY & BLUSH GREY to PINKISH GREY MEDIUM GRAINED GRAN EQUIGRAULAR GRAND with Silicification & Alteration (Banded at 17-47 & 87 to 117 feet white qtz veins at 40, 115 to 117 feet 165-167 feet)	45 to 65							
192	259	META-TUFFS & VOLCANICS	META-TUFFS & Banded Qtz SERICITE schist MAINLY granular (blue qtz eyes & silicified) sericitic schist & gneiss with yellowish blue & banding at 45° in CA	45			10349	194.6	196.4	1.8	
							10350	196.4	200.4	4.0	
							10351	216.0	216.0	5.0	
259	372	GRAND as above	GREY - MEDIUM to COARSE GRAINED GRAND as above Some white quartz veins at 297, 302, 308, 370 and 372 MINOR DISS of sulphides at 210 and Chlorite seen at 30% CA at 324								
	372	END									



HORSE TAIL ZONE OF Qtz Veins & Shales - 14 Boxes

Fill in on every page

Drilling Company TRIANGLE DRILLING		Collar Elevation	Bearing of hole from true North	Total Footage 300	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by CHERITON	FL	FL		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee NORTHWEST		Date Submitted	Submitted by (Signature)	FL	FL	Property Name C¹¹ YOUNG Shannon		

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	23	CASING									
23	171	GRANITE	LIGHT GREY - Locally bleached + patches FINE TO MEDIUM GRAINED GRANITE CONTAINS UP TO 10 PERCENT PARTIALLY DISSOLVED INCLUSIONS - SOME BANDING of fawn Mg amphibole 10-20% Qtz Veins & dykes sulphide seams at 46 feet sulphide seams at 90° to CR ditto at 70 feet quartz sulphide at 91 feet 3" Qtz at 106 and hematite Qtz at 136.	70							
171	190	METAVOLCANIC	DARK GREEN MEDIUM GRAINED BANDED Qtz CRYS ANTHOXOLITE ENDS parallel, METAVOLCANIC REARRANGED.	45							
190	255	GRANITE	AS ABOVE - LESS Qtz - very little alteration, & sulphation.								
255	300	DIORITE	DARK GREEN COARSE GRAINED GRANITE - DIORITE - 30% fawn itas - No Qtz, Veins or Sulphides								



Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage 287	Dip of Hole at Collar 60°	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by	FL	FL		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)	FL			FL	Property Name

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle*	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
							From	To			
0	28	CASING									
28		GRANODIORITE	GREY MEDIUM TO COARSE GRAINED cut by irregular QUARTZ veins dark in places also 5 to 10% rounded dark inclusions ZNS	0							
			qtz veins with 0.5 dip at 49 and 82	45		10358	43	44	1.0	93ppb	
			5-10% pyrite at 83 and epidote to schist at 109	40°		10359	82.0	83.0	1.0	0.14	ZNS
			Emerald Banding N.W. to S.E. at 126-128	40°		10360	108.5	111	2.5	0.018	
249			Speck Schist at 157, 187 & 192 feet								
249	250	Qtz Ch Sch	Dark Anorthositic Chlorite Schist fine medium with quartz veins Speck schist at 249-250	60°		10361	257.7	258.7	1.0	0.045	
259	285	GRANODIORITE	GREY MEDIUM GRAINED TO COARSE								
	285	END									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.



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#13
NOTE - LAST BOX of Boats drilling is suspect -
13 Boxes at YSGM core shack

Fill in on
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Hole No. 34
Page No.

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by				Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		FL	Property Name		
					FL			
					FL			

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	28	CASING									
28	126	GRANODIORITE	LIGHT GREY to BLUSH GREY MEDIUM TO COARSE GRAINED altered GRANOD with fractures & seams of fine qtz and speckled sulphide. Qtz veins at 44' bit, 52, 83 with pyrite 5% and 1% ZnS. 45	0		10358	43	44	1.0		0.17
			Qtz CARB. INCL. with FeS ₂ at 93' bit - heavy FeS ₂ at 109			10359	82	83	1.0		0.17
126	130	DRAG FAULT ZONE	Contains inclusions from 115 - 125 feet (Rounded high Biotite) THIN BANDED SILICIFIED layers DRAGGED // to C.A.	10°		10360	108.5	111	2.5		0.18
130	200	GRANOD	AS ABOVE with more intense alteration & silicification from 157 to 200 with qtz & pyrite at 146, 178, and speckled schistite at 157, 176 & 180 feet.								
200	232	GREEN GNEISS to DIORITE									
232	249	GRANOD	AS ABOVE - with very little sulphide								
249	259	GREEN Schist	GREEN SCHISTOSE FINE GRAINED with chlorite Biotite layering 50 to 60° to C.A. Small spots VIG at 252, 253 & 254 in qtz veins and green schist	50 to 60°			257.7	258.7	1.0		0.95
259	280	DIORITE ? META-VOL ?	GREEN PATCHY COARSE GRAINED	45°							
280	287		GROUND CORE at 280								



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4 Boxes at 45 GM

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Hole No. **35** Page **1**

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage 284	Dip of Hole at Collar 45°	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by				Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		FL	Property Name		
					FL			
					FL			

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle °	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
							From	To			
0	16	CASING									
16	97	GRAND	LIGHT GREY, FINE TO MED GRAINED Locally siliceous seams of FeS ₂ & quartz veins at 37 to 47 feet Qtz veins & tourmaline at 47 1/2 - 52 1/2 feet INCLUSIONS from 60 to 90 feet along INC at 78-80	45°							
97	108	META Volcanic META ANDESITE	DARK GREEN AMPHIBOLITE GNEISS - FINE GRAINED DENSE								
108	155	GRAND	AS ABOVE WITH COARSE GRAINED and some Feldspar Phases & INCLUSIONS -								
155	170	META Volcanic	GREENISH LIGHT GREEN SCHIST & GNEISS Molybdenite at 186 feet	45°							
170	206	GRAND *	AS ABOVE WITH INCLUSIONS and Qtz & FeS ₂ seams at 78 to 90° to CA locally heavy SILICIFICATION and FeS ₂	70 to 90°							
206	222	META VOL	MAINLY GREEN SCHIST FOLIATION at 45 to 90 some Qtz veins & minor sulphide	45 to 90°							
222	261	DIORITE	Primarily META VOL - COARSE GRAINED DARK GREEN GROUND CORE at 261								
261	284	GRAND	AS ABOVE - MINOR seams of FeS ₂	45°							



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last 5 feet drilled down dip with some ore ground -
15 Boxes at 456M

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Hole No. **36** Page No.

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage 290	Dip of Hole at Collar 60	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No. 36	
Date Hole Started	Date Completed	Date Logged	Logged by				Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		Fl.		Property Name		

Footage From	Footage To	Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
							From	To			
0	11	CASING									
11	49	GRANITE	MIXED GREY & YELLOWISH GREY FINE TO MED GRAIN								
49	80	META TUFFS	GREY GRANULAR TO YELLOWISH GREY FINE TO MED GRAINED META TUFFaceous Rock with seams of FeS ₂								
80	107	GRANODIORITE	AS ABOVE - cut by irregular qtz veins and contains inclusions								
107	122	DIORITE	Meta Volcanics with meta crystals of patchy blue quartz & FeS ₂								
122	138	GRANITE	AS ABOVE - minor specks of sulphide								
138	166	DIORITE	MIXED Meta Volcanics as above cut by FeS ₂ & qtz veins	50°							
166	268	GRANITE	AS ABOVE with many silicified zones containing patchy sulphides and 5-10% partly rounded inclusions up to 5/16" pyroclastic at 190 feet, chert with FeS ₂ @ 217 and qtz & FeS ₂ at 225 feet	187-60° 50° 60° 40°							
268	290	BANDED CHL SCHIST	Green Epidote Vein at 268-268 1/2 DARK GRAY FINE GRAINED DRAG-FOLDED CHLORITE SCH with qtz seams with 3 feet of ground ore	0° 30°							

NOV. 19 08 16:59 1983 ERANA MINES LTD 1-705-682-0540



VG-238 1/2

VG-238 1/2

lost 2 boxes seen nearby 17 boxes w/ YSGM

Fill in on every page

Hole No. 37

Page No.

Drilling Company TRIANGLE DRILLING		Collar Elevation	Bearing of hole from true North	Total Footage 347	Dip of Hole at Collar 45	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by CHERTON	FL	FL		Location (Twp., Lot, Con. or Lat. and Long.)	
YSGM - NORTHQUEST		Date Submitted	Submitted by (Signature)	FL	FL	Property Name YS		

Footage		Rock Type	Description <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Planar Feature Angle	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	22	CASING	Some gassan'd present rusty joints in FIRST BOX.								
22	190	GRANITE	Blue GREY & yellowish GREY FINE to MEDIUM GRAINED Rock with silicified & bleached sections of qtz veins with SULP. Silicified yellowish 52-65 feet ground core at 76 - COARSE MOTTLED Phase 40-56 -								
190	227	qtz chl schist DRAG & SPLIT ZONE	GREY qtz chl schist drag filled from 45° to 60° so that 200 to 227 is drilling along schistosity and cuts irregularly qtz veins with MINOR FeS2	40° 70° 10°							
227	283	GRANITE	AS ABOVE SILICIFIED with QUARTZ veins and with pyrite & seams of sulphide * VG - qtz vein at 238 1/2								
283	310	DIORITE	DARK GREEN MASSIVE MED GRAINED GRANULITE GNEISS - first at 284	60°							
310	340	DIORITE	GREEN COARSE GRAINED RECRYSTALLIZED GNEISS &	70°							
340	347	GRANITE	PINKISH GREY MEDIUM GRAINED UNIFORM MASSIVE ROCK - NO SULPHIDES	60°							

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Hole No. 39 Page No.

Drilling Company	Collar Elevation	Bearing of hole from True North	Total Footage 262	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by	FL		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee NORQUEST		Date Submitted	Submitted by (Signature)	FL			FL	Property Name

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	42	CASING									
42	190	GRAVEL	GREY & BLuish GREY MEDIUM to COARSE GRAINED 16% SANDS ROCK with scattered inclusions and local silicification incl of gossan after sulphides in collar Maybe gossan cap on buried outcrop? at 58-63 feet also 81-85 - dark green fine grained with minor sulphides - FAIRLY INTENSE Silicified with 105% - 160 feet with numerous sulphide seams & patches	80°							
190	212	Qtz. Se. Sch	GREY, FINE to Med Silicified locally up to 2% chalcopyrite - locally dense with quartz veins	45°							
212	215	DARK CHLORITE Sch	DARK FAULT ZONE? Black dense fine grained diag faulted Meta Sds.	10°							
215	222	Qtz Se Sch	As above with less sulphides	50°							
222	237	CHI CARB Sch META VOL?	DARK GREEN to FINE GRAINED Chlorite Schist with white carbonate patches seams & veins	60°							
237	262	META DIORITE	GREENISH GREY MED to COARSE GRAINED PATCHY META VOLCANICS	6°							
	262	END									

Nov. 10 '88 17:04 1988 ERANA MINES LTD 1-795-582-0340 P. 1 / 4



7 Boxes at YS 6M-

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by	FL	FL		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)	FL			FL	Property Name YS

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	14	CASING									
14	75	GRANODIORITE	Light GREY FRACTURED & SILICIFIED FINE TO MEDIUM GRAINED - SOME BANDING - (apparently 15% Fe and Mg) Qtz seams with minor FeS ₂ at 25, 33, 53, 54, 67	70°		10379	52.5	54.0	1.5		.013
						10380	67.0	68.0	1.0		
75	98.5	DIORITE DIORITE PORPH AND GREEN SCHIST & GNEISS	DARK GREEN to GREY GREEN PORPHYRY AND GNEISS cut by Porphyritic GRANO and drag-folded & sheared gneiss schist @ 78	60° 70° 30°							
						10381	92.5	96.0	3.5		.012
98.5	137	GRANO	AS ABOVE with Alteration & Silicification also Qtz & FeS ₂ seams at 104-105 (1% FeS ₂) and contains INCLUSIONS. Also FeS ₂ at 122 and 126	70°		10382	98.5	106.0	2.5		.007
						10383	125.5	126.5	1.0		
137	145	DIABASE	DARK GREY to Black FINE GRAINED DENSE EQUIGRAINULAR INTRUSIVE DYKE RILEY	30°							
	145	FEILD									



23 Bx's
45 core shack

Drilling Company TRIANGLE	Collar Elevation	Bearing of hole from True North	Total Footage	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No. 19971
Date Hole Started 87	Date Completed 87	Date Logged AUG 1991	Logged by WERTMAN	FL		Location (Twp., Lot, Con. or Lat. and Long.)	Property Name YOUNG SHANNON
Exploration Co., Owner or Optionee NORTHQUEST VENTURES		Date Submitted	Submitted by (Signature)	FL			

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planner Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	18	O.B.									
18	27	Porphyry	GREY speckled Porphyritic to Medium Grained contains 10-15% 1/8-1/4" grey and white curvilinear Plagioclase Phenocrysts	45°							
27	67	Granodiorite	Bluish Grey to Dark GREY fine to Medium Grained Silicified with Massive FeS ₂ vein	45°		10371	42	43	1.0		
	31-32	CLIF FACE	dark seams with FeS ₂ silicified. ZNS & Pbs (1-2" w/seam with qtz @ 46 patches of ZNS cup & Pbs a seam silicification + py at 61 and qtz veins	45°		10372	43	47.5	4.5		
				30°		10373	47.5	51.5	4.0		
67-248		DIABASE	Dark Grey to BLACK FINE GRAINED - DIABASIC Texture.	45°							
248	457	Granodiorite	MAINLY Bluish Grey FINE to Medium Grained	45°		10374	271.5	272	1.5		
	6' qtz cp	Granodiorite	MORE Bleached & Silicified (Albop) they above 1/8" sulphide seam Cp. & bleached dark qtz seams at 277 & 283 feet	60°		10375	277	278	1.0		
				70°		76	282	283	1.0		
			Dark GREEN SCHIST BAND 312-317 feet	70°		10377	312.5	321	2.5		
	BRANDS 370-372, 386-395		Spots cp py - silicified. 348, 373, 405, 409 qtz veins py at 440 & 445 also - qtz & pyrite at 420 dark qtz py & cp at 450 feet	30°		10378	449.2	450.5	1.3		

* For features such as foliation, bedding, etc. measured from the long axis of the core

† Additional credit available. See Assessment Work Regulations.



Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage 272	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by		FL		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		FL		Property Name		

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays ‡	
From	To						From	To			
0	9	CASING									
9	165	GRAND	GREY & PINKISH GREY FINE to Medium Grained, locally silicified containing 5 to 10% inclusions from 60 to 140 feet. Patch of PO with 95% at 33 feet	50° 60° 70°							
	37-51		META VOLCANIC - AMPHIBOLITE SCHIST & GNEISS DARK GREEN BANDED - MINOR SULPHIDES PINK alteration at 107 feet								
165	193	META VOLCANIC AMPHIBOLITE GNEISS	GREENISH COARSE GRAINED GNEISS & SCHIST probably derived from GREENSTONE AMPHIBOLITE contains irregular quartz, carbonate and specks sulphide	70° 80°							
193	214	DIORITE	GREY GREEN COARSE GRAINED META VOLCANIC								
214	255	at 214 Feldspar Diorite "PORPHYRY" PEGMATITIC	PROBABLY META VOLCANIC OF composite INTRUSIVE DARK GREY GREEN VERY COARSE GRAINED with Feldspar laths up to 1cm & large AMPHIBOLE XALS and interstitial plus quartz NO SULPHIDES								
255	271	GRAND	AS ABOVE GREY & PINKISH MEDIUM GRAINED with some PINK alteration NO SULPHUR								
271	272	Volcanic BRECCIA	GREY GREEN SUB ANGULAR VOLCANIC fragments in fine grained MATRIX								



12 BOXES at YNSN

Drilling Company TRIANGLE DRILLING	Collar Elevation	Bearing of hole from true North	Total Footage 227	Dip of Hole at Collar: 45°	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by CH	Fl.		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee NORTADVEST		Date Submitted	Submitted by (Signature)	Fl.		Property Name	

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle*	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0		BED ROCK									
0	58	GRAND	LIGHT BLuish GREY FINE TO MED GRANULAR locally siliceous at 47 to 58 some PINK & GREY CARBONATE alteration & seams at 1-2 feet Pyrite seams at 46 and 52 with irregular Qtz veils	70 45° 80°							
58	123	META-TUFFS OR SE SCHIST	LIGHT GREY FINE GRAINED BANDED GNEISS containing siliceous zones & spots of pyrite - some seams at 90° and 45°	60°							
		(97' ^{FAULT?} Qtz Chl Sch)	band at 77-78 with dark dolomite schist, Qtz & pyrite - a possible healed FAULT ZONE	90°							
123	227	GRAND	AS ABOVE MEDIUM TO COARSE GRAINED PALE, GREY & PINKISH GREY Very few spots of Pyrite - minor pyrite at 136-138								
		227 END OF HOLE									



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Hole No. **4** Page No.

Drilling Company TRIANGLE DRILLING	Collar Elevation	Bearing of hole from true North	Total Footage 200	Dip of Hole at Collar 60°	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by	FL		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)	FL		Property Name	

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	4	CASING									
4	67	GRAND	BLUSH GREY FINE TO MED GRAINED EQUIGRAINED FAINTLY GNEISSIC ROCK Very little sulphide	60°	60°						
67	137	MED TOPPS	LIGHT GREY to Yellowish GREY SCLEROSE TO GNEISSIC BANDING	60 to 70°							
		DISS. SULPH	PINK CARBONATE VEINLETS (Rhodochrosite 96 ft several seams of pyrite from 70 to 105 * with spots of op and blue artz eyes healed fault zone* at 93 to 96 - with drag faulted Chl Sc & patches of ankerite with Qtz & sulphide		50 to 60 60 to 70						
137	200	GRAND	AS ABOVE with GREEN & PINKISH Alter hematite stain in quartz from 175 to 190 feet SCLEROSE DISS sulphides and some patches FeS ₂ with irregular Qtz 149		90 to 60°						
200		END OF HOLE									



12 Boxes at YNSN core storage

Drilling Company		Collar Elevation	Bearing of hole from true North	Total Footage	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by				Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optnee		Date Submitted					Property Name		

Footage		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Placer Feature Angle*	Core Specimen Footage †	Your Sample No.	Sample Footage		Sample Length	Assays †	
From	To						From	To			
0	6	CASING									
6	66	GRAVO	LIGHT-BLUISSH GREY MEDIUM GRAINED EQUIGRAINULAR cut by qtz veins and veins 12-14' and at 30 feet with ANKERITE & qtz veins 1-2% disseminated pyrite in silicified section of GRAVO	30° 60° 70°							
66	139	META TUFFS & lenses of META Rhyolites	LIGHT GREY & yellowish Grey Schist GNEISS cut by qtz veins with pyrite & Chalco < 3-5% ie. 101-102 feet with irregular white qtz also seen with sericite & pink alter. 125-126 - Scattered spots of py & cup throughout + sample all alteration silicified section column 40 feet +	70° 60° 70°							
139	217	GRAVO	AS ABOVE BUT NO SILICIFICATION and few seams of pyrite 1/4" @ 155' & 176'	60°							
	217	END OF HOLE									

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulation



41P125W0035 63.5079 CHESTER

020

Trenching by Northwest Ventures Inc. on the
Young Shannon Gold Mines Property

J. SUMMARY

During September and October 1987, Brana Mines Ltd. did over 20 feet of surface trenching and back hoe work at a total cost of \$25,592. The work was distributed approximately as follows:

A ZONE - object - to trace the Gosselin Zone east "A" zone 1000 feet
See A zone Trenching - 1 inch to 40 feet

B ZONE - object - to locate the westerly faulted extension "B" Zone.
See plan "B" zone extension - 1 inch to 40 feet and assays

1500 feet east (A-B trench)	400
300 feet south	400
400 feet south west	400
1000 feet west	<u>300</u>

1500 feet

C ZONE 500 feet

NOTE: Three trenches tried and failed to reach bedrock over the vein.

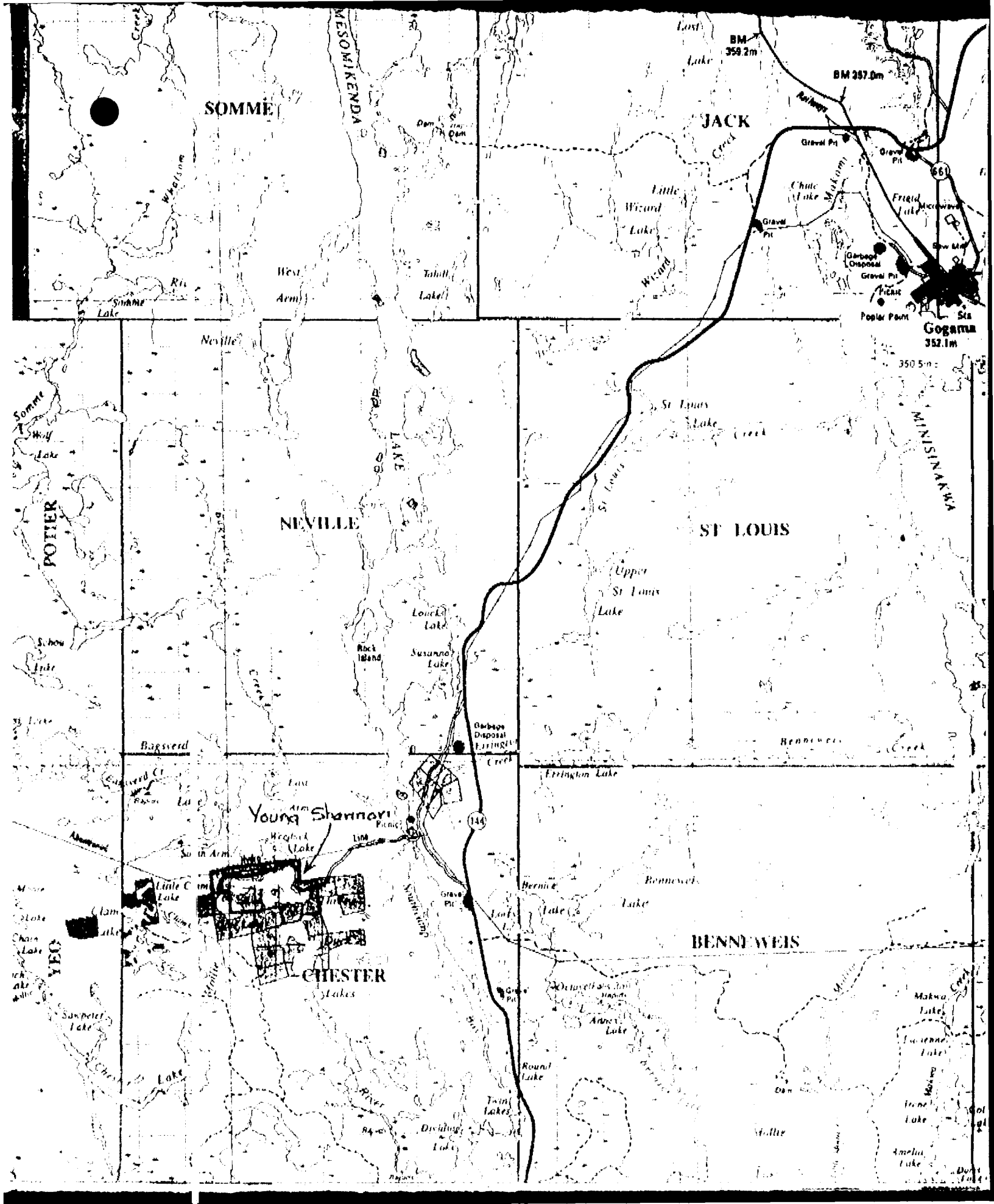
Note: overburden is over 20 feet deep on parts of "C" zone

This works out to a cost of approximately \$13.00 per foot of trenching. The glaciated rock surface is very irregular and sometimes we were not able to reach the oxidized quartz veins.

The greatest success was achieved in "B" Zone south-west where the faulted vein extension was uncovered about 400 feet south west of the main "B" zone, (see plan & assays of "B" Zone extension)

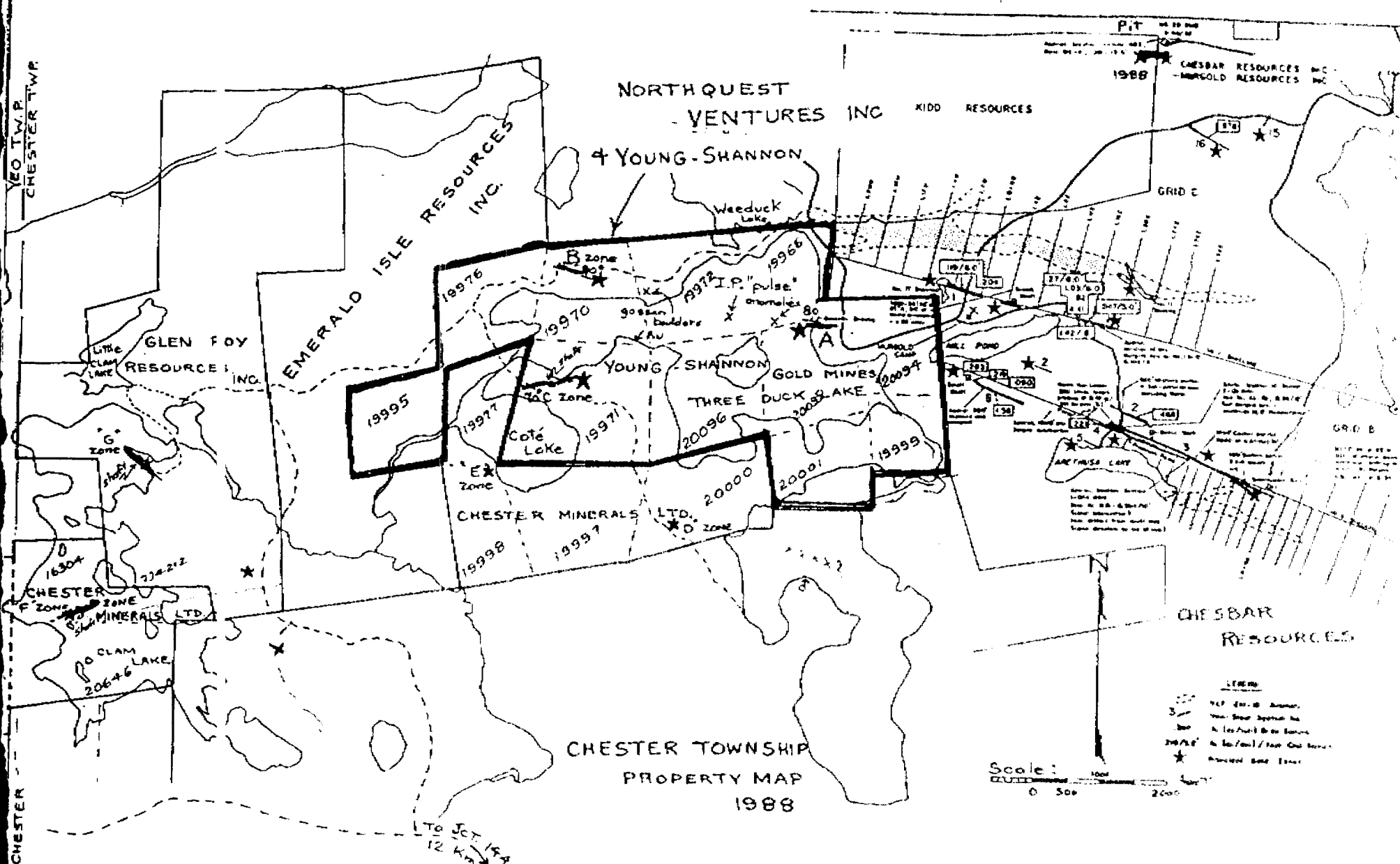
- Page 1 - Summary
- 2 - Location Map 1:50,000
- 3 - Property Map
- 4 - Trench Location - A, A-B & C trenches
- 5 - A trenches - 1 inch to 40 feet
- 6 - B trenches - 1 inch to 40 feet
- 7 - A-B trenches - 1 inch to 40 feet

Lute



7
120 T.W.P.
CHESTER TWP.

CHESTER



NORTHQUEST
- VENTURES INC

YOUNG-SHANNON

EMERALD ISLE RESOURCES
INC.

GLEN FOY
RESOURCES INC.

CHESTER MINERALS
LTD.

CHESBAR
RESOURCES

CHESTER TOWNSHIP
PROPERTY MAP
1988

1988
CHESBAR RESOURCES INC
- MORGOLD RESOURCES INC

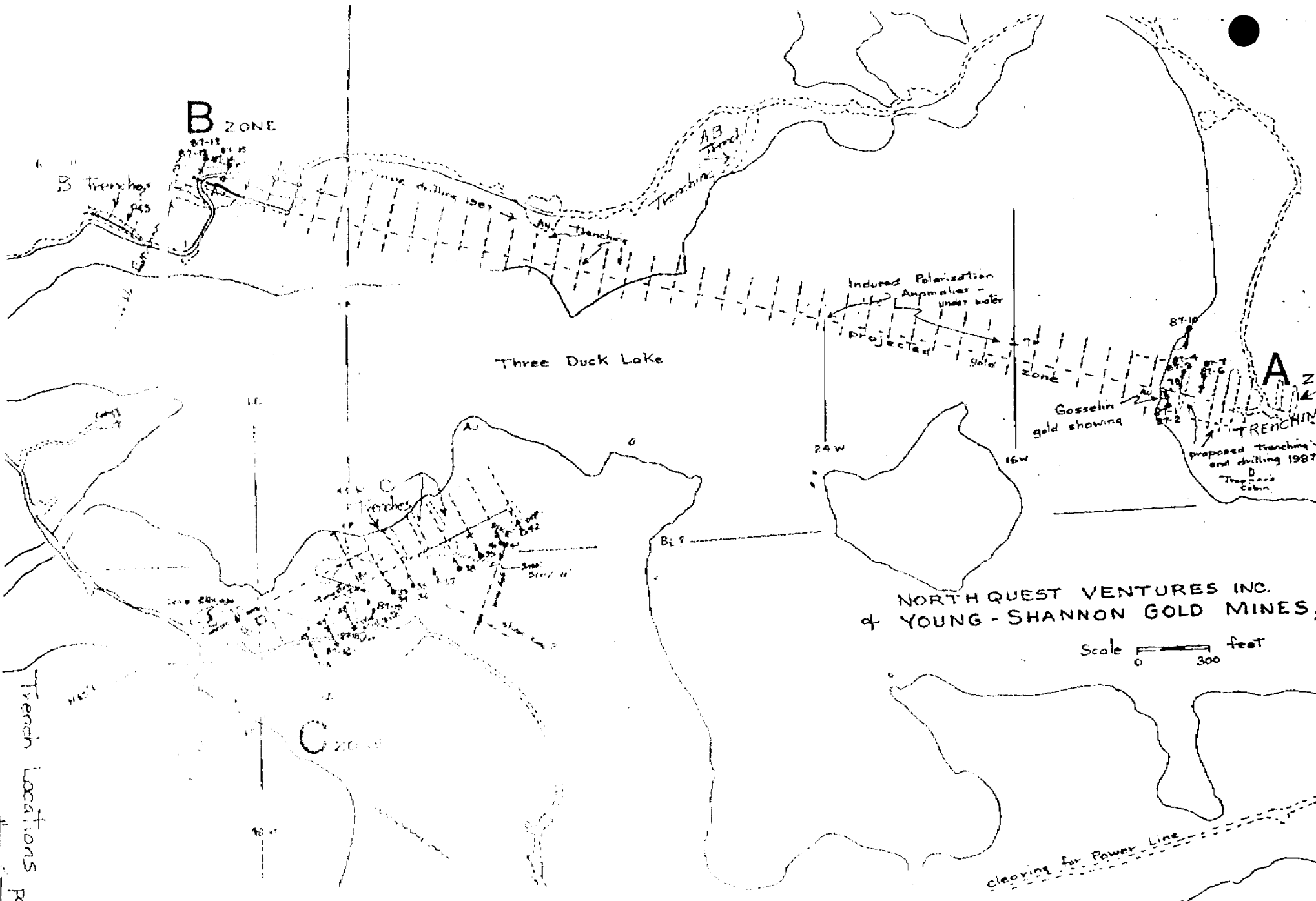
GRID C

GRID B

- LEGEND
- 100' Cont. B. Area
 - 300' Cont. B. Area
 - A. (See Part B. of Cont.)
 - 200' A. (See Part B. of Cont.)
 - ★ Mineral Base Line

Scale: 0 500 2000

To Jct. 154
12 Km



NORTH QUEST VENTURES INC.
& YOUNG-SHANNON GOLD MINES,

Scale 0 300 feet



ASSAYERS ONTARIO LABORATORIES

A DIVISION OF ASSAYERS ONTARIO CORPORATION LTD.

33 CHANCELLOR STREET, SUITE 200, TORONTO, ONTARIO M5T 1R7 • TEL: (416) 239-3527
FAX: (416) 239-4012

Certificate of Analysis

Certificate No. M -2270/8392

Date November 24, 1988

Received 13

Samples of Rock

Submitted by Norquest Ventures Inc.

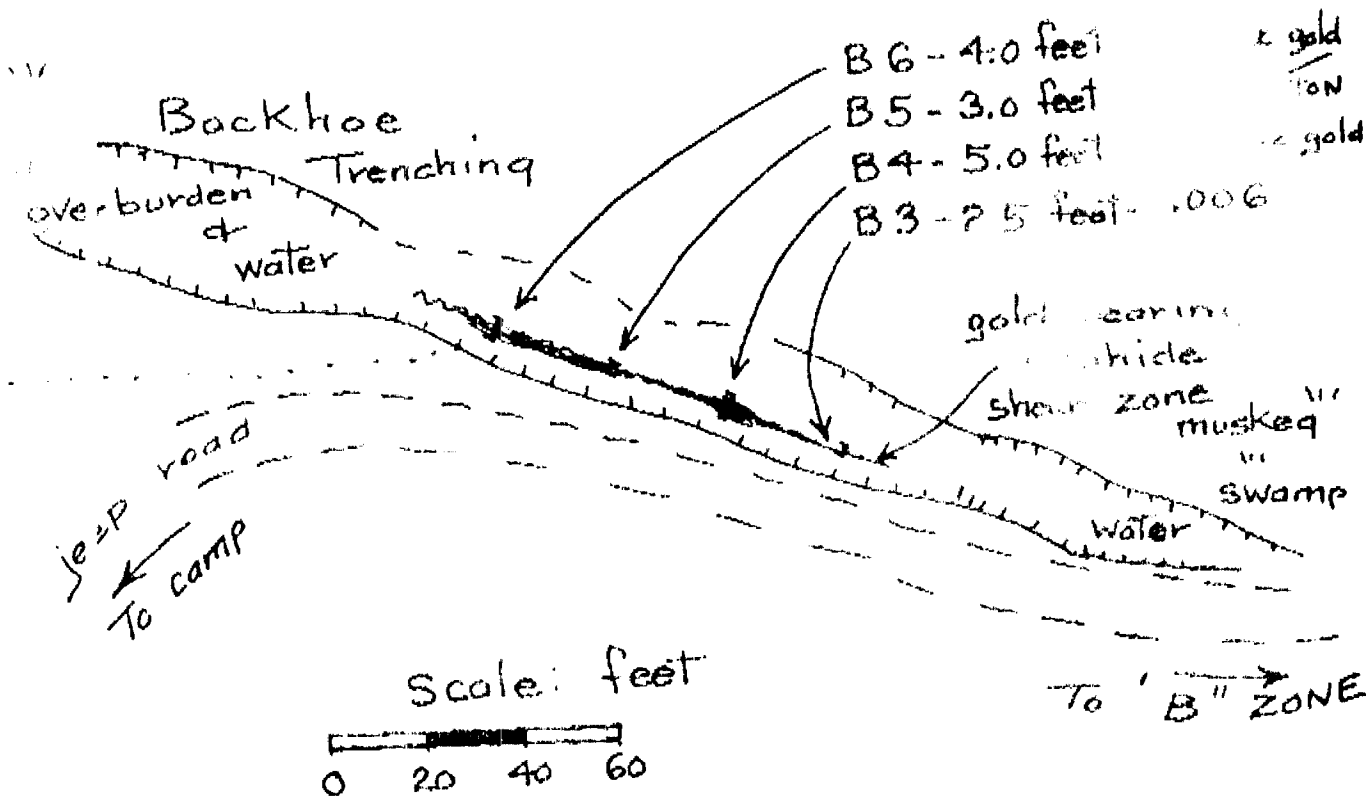
Att'n: Mr. James Riley

Sample No.	Au oz/ton
AB GRAB	.003
AB 1 A	.006
AB 3	.018
AB 4	.003
A 2	.012
A 4	.17 (.19)
A 1	.013
G 4	.004
G 5	.007
AB 2	.017
AB 1	.005
A 5	.004
A 3	.002

ASSAYERS ONTARIO LABORATORIES

[Signature]
Lab. Mgr.

PLAN OF "B" ZONE EXTENSION

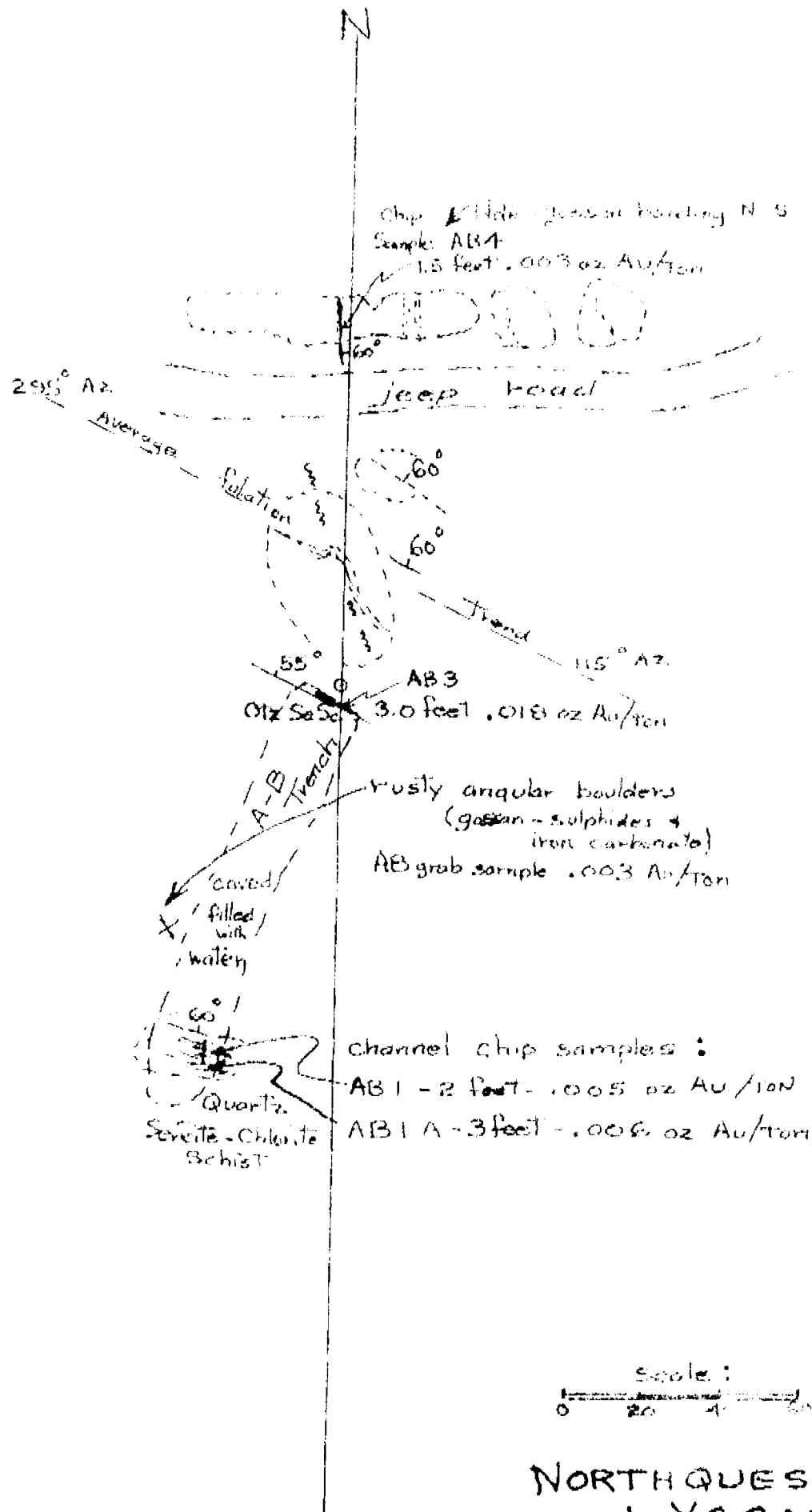


NORTHQUEST VENTURES INC.
&

YOUNG SHANNON GOLD MINES, LIMITED

"B" ZONE Dec./87

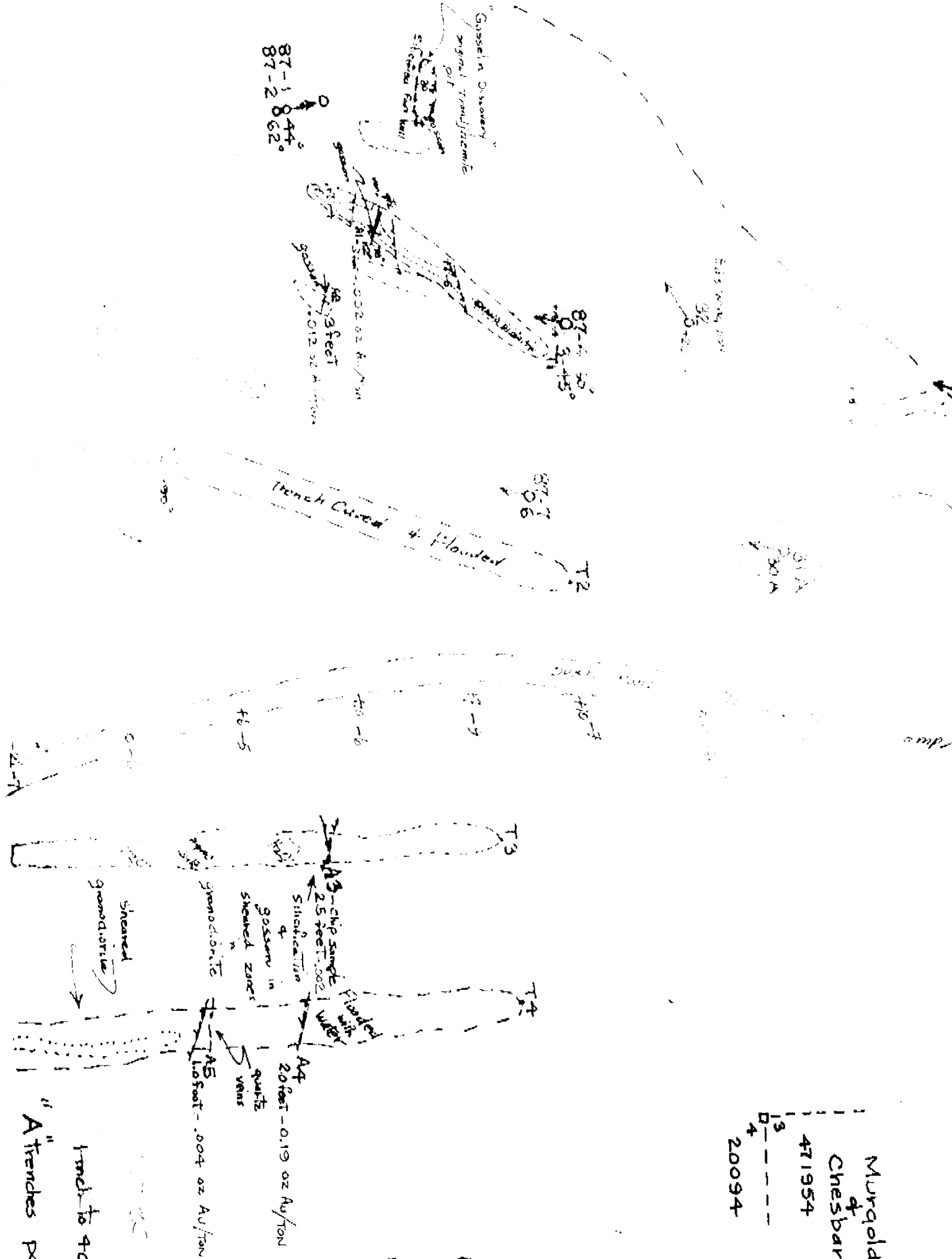
C. G. Cheriton
"B" Trench page 6



NORTHQUEST & YSGM

A-B trenches page 7

Three Duck Lake shore



Murgold
of
Chesbar
471954
20094

TELECOM CAPITAL CORPORATION
55 University Avenue
P.O. Box 3
Suite 901
Toronto, Ontario
Canada
M5J 2H



41P12SW0035 63.5079 CHESTER

900

TELECOPIER TRANSMITTAL ADVICE

DATE: NOV. 29 1988
TO: RALPH HUGGINS / OMEP.
FROM: HARRY FERGUSON / NORTHQUEST
YOUR NUMBER: 922-4108
OUR NUMBER: (416) 862-2318
NUMBER OF PAGES
INCLUDING THIS COVER SHEET: 9

MESSAGE: HEREWITH LAST ITEM YOU REQUESTED
ON OUR OMEP CLAIM
IE. REPORT ON TRENCHING
WITH MAPS AND ASSAYS.

If you have any questions with receipt
of this document, please contact us at
(416) 862-2318