MAUDE LAKE GOLD MINE LTD

1982

REPORT ON EXPLORATION

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Sudbury, Ontario

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MAUDE LAKE GOLD MINE LIMITED

SUMMARY

Maude Lake Gold Mine Limited currently holds two blocks of patented and staked mining claims totalling 4440 acres in central and northwestern Beatty Township, Larder Lake Mining Division, approximately 6 miles north of the Town of Matheson.

MAIN GROUP

The Main Group forms part of the old Argyll Gold Mine. Early work on the Argyll dates back to 1915, when a gold-quartz vein was discovered in outcrop. From 1917 to 1920, a 200 ft shaft and 370 ft of lateral development along the discovery vein provided a mill test that yielded 30 oz gold from 25 tons.

From 1940 to 1965, the Argyll property was drilled (34,649') by four different mining companies which outlined several auriferous structures. Maude Lake purchased the Argyll assets in 1972. In 1980, Maude Lake Gold Mine examined, split and assayed some of the old drill cores. The results suggested a potential large, low grade deposit. Drill testing (3456 ft) of this zone in 1981 (5 ZONE) indicated 201,000 tons grading .09 opt to the 200 ft horizon. In addition, underground sampling and surface diamond drilling (5050 ft) of the discovery and parallel veins (SHAFT & 2 VEINS) indicated 75,749 tons grading .227 opt to the 500 ft horizon.

In 1982, Maude Lake completed trenching, bulk sampling, and diamond drilling in the VEIN area; stripping, percussion and diamond drilling in the 5 ZONE area (34,300 yds removed and 10,755 ft drilled); and prospecting and geophysical surveys elsewhere on the group. The work showed that the auriferous structures are associated with a major regional sinistral shear couple (Pipestone-Munro Fault, a branch of the Porcupine-Destor Fault) which caused brittle fracture to form the VEINS and secondary sinistral shear to form the 5 ZONE. Late dextral movement associated with the intrusion of a peridotite sill into the Pipestone-Munro structure sealed the system.

SHAFT & 2 VEINS

The trenching and drilling increased the combined known strike

length of the VEINS from 500 ft to 1260 ft, and the bulk sampling showed that the 2 VEIN grades .222 opt/3.5 ft over the exposed 250 ft length or .326 opt/3.5 ft over 85 ft in a higher grade shoot. Two new gold-bearing veins were also discovered.
Follow-up recommendations focus on extending the gold shoots both laterally and vertically.

5 ZONE

Mapping, percussion and diamond drilling of the 5 ZONE showed that the highest grade gold mineralization is directly associated with a readily recognizable, highly brecciated and altered zone that lies within a envelope of less altered and fractured pillow lavas. Geological drill indicated reserves to the 200 ft horizon total 216,264 tons grading .146 opt Gold. Intersections by past workers at the 600 and 1000 ft horizons indicate the potential for much larger tonnages. A hypothetical open pit designed to the 100 ft horizon suggests that 11432 oz of gold could be recovered from a small pit operation at a cost of about $276.00 Canadian per ounce (73757 tons grading .170 opt less.015 opt for milling losses). Recommendations for continued evaluation of the 5 ZONE include overburden stripping and bulk sampling, and systematic drilling to delimit both lateral and vertical extensions to the body.

OTHER AREAS - Main Group

Geological, magnetic and electromagnetic surveys, and one drill hole elsewhere within the Main Group failed to locate any definite targets. Recommendations to explore for new gold structures along the belt include detailed magnetic and IP surveys and diamond drilling centered along the ultramafic.

SALVE LAKE GROUP

The history of the SALVE LAKE claim group has included only minor geological and geophysical prospecting and a few boreholes. During 1982, Maude Lake completed geological, magnetic, electromagnetic and radiometric surveys over most of the claims and drilled two holes. The results showed that the geological

and geophysical environments are similar to that found on the Main Group, effectively lengthening the potential strike length of the Pipestone-Munro structure within Maude Lake claims to over 5 miles. The drill results, although returning only trace to low grade gold assays, did outline a major carbonate structure and several quartz-breccia vein structures below the ultramafic sill. Recommendations from this work include continued prospecting along the belt, IP surveys and diamond drilling.

1983 BUDGET

Although all the recommendation described above are justified, only the highest priority work is planned for 1983. This work will focus on stripping and mill testing the 5 ZONE, and continued prospecting of the SALVE LAKE claims to further assess their economic potential and assure all the ground is held in good standing. The Budget planned to cover this program is $456,940.00.

Positive bulk mill test results could quickly turn the 5 ZONE into a small open pit gold mine, which in turn could provide the funds necessary to fully develop the entire Maude Lake property. This would involve: developing the open pit to the 200 ft horizon; systematically drilling for lateral and vertical extensions to the 5 ZONE; developing and bulk evaluating the 5 ZONE and VEINS by underground ramping methods; and, detail exploring the entire 5 mile strike length along the Pipestone-Munro Fault for new gold deposits.

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MAUDE LAKE GOLD MINE LIMITED

INTRODUCTION

This report describes the detailed evaluation and exploration work completed between June and December 1982 on Maude Lake Gold Mine's two mineral properties centered in Beatty Township, northeastern Ontario. The work formed part of the recommendations of two earlier programs completed during 1981 under Ontario Mineral Exploration Program grants OM81-6-P-35 and OM81-6-P-95.

PART I of the report describes the history of exploration and development for the MAIN claim group (the former Argyll property) and presents the results of the 1982 program. This work included trenching, detailed chip and bulk sampling, and diamond drilling in the SHAFT and 2 Vein area; stripping, detailed mapping, percussion and diamond drilling in the 5 Zone area; and, geological, magnetic, and electromagnetic surveys elsewhere on the group.

PART II presents the exploration work done over the SALVE LAKE claim group which included gridding, geological mapping, magnetometer, VLF-EM and radiometric surveys, and diamond drilling.

The 1982 program was also completed with the aid of an OMEP grant, contract number OM82-6-P-55.

PROPERTY

Maude Lake Gold Mine Limited holds two separate claim groups equivalent to 111 claims or 4440 acres as follows:

MAIN GROUP - consists of patented parcels, patented and staked mining claims (45 claim equivalent).

Beatty Township
- north & south half, lot 11, conc. 6
- north & south half, lot 13, conc. 6
- L3929, L4521, L40779 to 782, L46938 & 39, L41286 & 87 = patented
- L571647, L550885, L618455, L618517 to 522, L642503 & 504 = staked

Carr Township
- L620200 to 203 = staked

Coulson Township
- L620196 to 199 = staked

SALVE LAKE GROUP - consists of 66 staked mining claims all in Beatty Township.

- L550880 to 84, L565052 to 59, L565061 & 62, L578942, L598904 to 907
- L642495 to 502, L642505 to 509, L642513 to 522, L642572 to 581, L642720 to 725, L642777, L642785 & 86, L642807, L650114

The registered owner for all these claims is Maude Lake Gold Mine Limited, 300 Elm Street West, Sudbury, Ontario, P3C 1V4. A property and location map is provided overleaf, Figure 1.

LOCATION & ACCESS

The properties are located in northwestern (MAIN) and central (SALVE LAKE) Beatty Township, District of Cochrane, Larder Lake Mining Division (NTS = 42A 9W), approximately 6 miles northeast of the Town of Matheson, Ontario. Access to the claims is by highway 101 east from Matheson to the Beatty-Carr Township boundary road and then north along all-weather gravel roads to the properties. For the MAIN group, an old bush right-of-way has been cleared and repaired to the old Argyll Shaft in the center of the property. For the SALVE LAKE group, old farm tracks and well-blazed trails provide access.

GENERAL GEOLOGY

The general geology of the area is described by J. Satterly and H.S. Armstrong in ODM Report Volume LX, Part IV - Geology of Beatty Township. The properties are underlain by an early Precambrian (Keewatin) volcanic sequence consisting of narrow bands of mafic and felsic volcanic flows and volcaniclastics (south of Salve Lake) that are overlain by a thick

Carr Twp. (M.32

Coulson Twp

Main Group

Cochrane
CNR
11
Ontario
Quebec
BEATTY TP.
Timmins
Matheson
101
ONR
144
Kirkland Lake
66
1:1600000

MATHESON 5M

Maude Lake Gold Mine Ltd.

Property & Location Map

Beatty Twp. 1" = 1/2m.

FIGURE 1

massive to pillowed series of north-northeast facing mafic lavas. These are intruded by northwest striking gabbro-peridotite bodies (Haileyburian ?), one of which occupies the extension of the Pipestone - Munro Fault system. Unconformably overlying the volcanics is a thick, south-facing series of metasediments. Both the volcanics and sediments have been cut by minor Algoman feldspar porphyry dykes, north striking Matachewan quartz diabase dykes, and a large northeast striking Keweenawan olivine diabase dyke. A general geological plan is provided overleaf, Figure 2.

PART I - MAIN CLAIM GROUP

HISTORY

Gold was first discovered in outcrop on the MAIN property in 1915 by prospector W.H.G. Parsons. From 1917 to 1920, a 200 ft shaft and 370 ft of lateral development on two levels were completed by Hill Gold and Premiere Gold Mining Companies along the discovery vein. A trial mill sample of 25 tons yielded 30 troy ounces of gold.

In the early 1940's, the property was purchased in a sheriff's sale by Dr. R.M. Box who formed Boxada Mines. Boxada and the adjoining Stonada Mines merged in 1944 to form Argyll Gold Mines Limited. From 1944 to 1946, Argyll dewatered the old shaft to the 114 ft level and detail sampled the shaft and 100 ft level. Assay results from the shaft showed that starting 24 ft below collar to a depth of 114 ft, the vein graded 1.4 troy oz per ton (opt) over .83 ft (or .32 opt over 4.15 ft); also, on the 100 ft level, the vein averaged .74 opt over 1.16 ft (or .29 opt over 4 ft) for a horizontal length of 100 ft (Waisberg report). These results prompted Argyll to complete 21,570 ft of surface diamond drilling as follows:

10,563' in the shaft area
5,389' NE of the shaft on other side of peridotite

Wilkie Twp

Coulson Twp

Carr Twp

Pipestone Fault

Lady Maude L.

Main Group

Shaft Veins

"5" Zone

Palnkiller Lake

Salve Lake

Salve Group

Munro Fault

road

To Matheson 5m

LEGEND

- 5 Diabase, a) olivine
- 4 Porphyry, a) granite
- 3 Greywacke
- Peridotite, a) gabbro
- 1 Mafic volcanics
- 0 Felsic volcanics

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

Maude Lake Gold Mine Ltd.

General Geology Map

Beatty Twp

FIG. 2

1" = 1/2m

RAB

3,594' southwest of the shaft
2,224' on the west optioned property

Seven gold-bearing veins were found near and to the south-east of the shaft.

In 1947, Sylvanite Gold Mines optioned the property and drilled five holes totalling 4,878 ft in and around the shaft area. The optioned was terminated in November of the same year.

In 1960, Rio Rupunini Mines optioned the property and drilled 6 holes totalling 1439 ft approximately 1000 ft south-east of the shaft. Results of their work included intersections of .17 opt/39' in hole 37, .12 opt/10' in hole 38, and .21 opt/23.1' in hole 40. All the intersections fell along an apparent east-west zone.
NOTE: A complete list of all the boreholes drilled on the property is appended, BOREHOLE SUMMARY.

Follow-up work in 1964-65 by Lake Osu Mines included a magnetic survey and 6762 ft of diamond drilling in 17 holes, mostly along the east-west structure found by Rio Rupunini. Their results showed erratic but good grade mineralization which included: .16 opt/2.5' in hole L-5, .31 opt/32.5' in hole L-6, .58 opt/1' in hole L-8, .18 opt/4.7' in hole L-9, .18 opt/1.1' in hole L-10, and .15 opt/3.5' in hole L-11. Due to company financial problems and the fixed gold price, the option was allowed to lapse (personal communication).

In 1972, under an agreement of sale, the Argyll property was sold to Private Company 276576 Ontario Ltd. which paid an agreed amount of the debts for Argyll who retained 30% of the issued shares of the numbered company. (Argyll charter cancelled March 1976.) Mr. S. Waisberg, PEng., a shareholder in the numbered company reviewed all the records made available by Argyll and wrote a comprehensive Report of Property date October 1973.

In 1980, the author researched all the above data and field

investigated the property. During the visit it was noted that some of the Lake Osu drill cores were still intact. Most of the cores showed highly altered and brecciated lavas, most of which had not been previously sampled. As a result, all the core was logged (13 holes, 86 boxes) and the highly fractured and carbonate altered sections were removed, split using a diamond saw, and analysed for gold (33 boxes). The results indicated a wide zone that contained disseminated gold mineralization approaching open pittable grade, ie: .071 opt/25.0' in hole L-9, .041 opt/22.7' and .034 opt/40' in hole L-10. A re-sampling drill program was proposed to test this potential.

In the spring 1981, Maude Lake Gold Mine Limited (name changed from 276576 Ont. Ltd.) drilled 14 boreholes totalling 3456 ft along the east-west striking alteration body (now called the '5 ZONE'). The drilling outlined a 40 to 120 ft wide auriferrous carbonate metasomatized structure at least 500 ft long and 200 ft deep and still open both laterally and vertically. Drill indicated reserves calculated from the results totalled 201,000 tons grading .09 opt to the 200 ft level.

In the fall 1981, Maude Lake dewatered the old Argyll shaft and detail mapped and sampled the shaft, 100 and 200 ft levels. The work showed that the SHAFT vein followed a brittle fracture structure within weakly silicified and carbonated pillow basalts. It was consistent in form but erratic in grade with higher grade 'shoots' occuring at intervals along its length. The underground sampling program outlined 10,280 tons grading .212 opt across a 4ft mining width to the 250 ft horizon.

Eleven surface boreholes totalling 5050 ft were also drilled to test the strike and dip extensions of both the SHAFT and parallel 2 VEIN. The results showed that both vein structures are laterally and vertically continuous with higher grade gold mineralization occuring in shoots that likely plunge at 60 to 70^{o} to the northeast, parallel to the dip

of the peridotite sill. The 2 VEIN proved to be a much wider and stronger structure. Despite the inherent erratic results in gold vein drilling, the drill indicated reserves for both the SHAFT and 2 VEIN totalled 75,749 tons grading .227 opt to the 500 ft horizon. Two new gold-bearing veins were also discovered southeast of the 2 VEIN.

Also during 1981, Maude Lake completed 20 miles of gridding, geological, magnetometer, and induced polarization-resistivity surveys over portions of the MAIN group.

Recommendations from all the '81 work included continued drilling and overburden removal in the VEIN and 5 ZONE areas to facilitate detailed mapping and bulk sampling.

1982 EXPLORATION PROGRAM ON MAIN GROUP

A) SHAFT and 2 VEIN AREA

Trenching, detailed mapping and sampling, bulk sampling, and minor diamond drilling were completed from June to October, 1982 in the SHAFT and 2 VEIN area.

Trenching and Sampling

Initial overburden removal was done by Ford Wilson, general contractor, of Matheson (June 28 to July 16) using a John Deere 510 tractor equipped with a backhoe. Continued trenching in the deeper covered areas was done by Alarie Construction of Matheson using a B & E 22B three-quarter yard dragline (August 10 to 26). Hand shovelling followed by water washing with the aid of a portable pump exposed the bedrock for detailed mapping and sampling. The SHAFT vein was uncovered for about 150 ft and the 2 VEIN for about 300 ft. In all, approximately 7800 yards of overburden was removed.(Photo 1)

Once exposed, the veins, foot and hangingwalls, and intervening lavas were detail chip sampled at intervals no greater than 5 ft apart. A hammer and chisel were used and great

care was taken to obtain equi-sized chips across the sample length to ensure a truly representative sample.

The veins were then percussion drilled (Atlas Copco Super Cobra drill) and blasted (using CIL Powermex 300) to remove the 4 to 10 inch thick oxidized vein material, hand-cleared and washed to expose the fresh vein. Both veins were re-sampled. The 2 VEIN was drilled and blasted again to obtain a 4 to 6 inch deep composite or 'bulk' sample along a defined length. This material was removed from the trench, crushed to minus 2 inch size using sledge hammers, and thoroughly mixed with shovels. Each bulk sample was coned and quartered with opposite quarters removed and the procedure repeated until a 100 to 300 pound sample was obtained. In all, eight bulk samples were collected along a 240 ft length of the 2 VEIN and 214 chip samples were taken from the area as follows:

	SHAFT VEIN	2 VEIN	TOTAL
Vein Material	32	67	99
Foot/Hangingwall	28	44	72
Intervening Lavas			43
			214

All the samples were sent to Bell-White Assay Labs in Haileybury, Ontario and analysed for gold using the fire assay method.

Results

A plan of the SHAFT and 2 Vein area showing the trenching, sampling, geology, and borehole collars is provided, Figure 3, in back pocket. All the assay certificates are appended.

The SHAFT VEIN strikes at 30 to 40° azimuth, dips 70 to 87° northwest and is .6 to 2 ft wide. It consists of grey to smokey quartz with minor calcite and contains minor disseminated pyrite (up to 5% locally), pyrrhotite (1%), sphalerite (1%), and chalcopyrite (1%). A few specks of native gold were also seen. Occasional patches of brown to black tourmaline and emerald green fuchsite are common. Angular,

silicified and bleached fragments of the basaltic country rock occur within and adjacent to the vein. The contacts are very sharp, weakly altered and fractured. Nowhere was shearing evident, suggesting the vein is a simple brittle fracture filling. A few minor (¼ to 1") secondary quartz and calcite veinlets follow tangential fractures away from the vein. The SHAFT VEIN abuts the Matachewan diabase dyke about 100 ft southwest of the shaft (see Photo)but, it was found to continue on the other side.

Assay results from the 32 SHAFT VEIN samples ranged from .006 (35675) to 2.16 opt (35625), with the arithmetic average being .492 opt. (See SHAFT VEIN LONGITUDINAL, Figure 4, in back pocket) Higher gold assays are always found in areas containing greater concentrations of sulphide, especially chalcopyrite and sphalerite. West of the diabase, the higher assays are due to tiny specks of native gold. The wallrock immediately adjacent to the vein typically carries only trace to very low grade values. Only seven of the 28 foot/hangingwall samples contained other than trace values, and these were associated with minor offshoot veinlets and/or more strongly altered zones; ie:

35539 = .040 opt	35672 = .036 opt
35552 = .092 opt	35674 = .024 opt
35630 = .016 opt	35685 = .010 opt
35634 = .056 opt	

The azimuth of the 2 VEIN varies from 20° to 70° and back to 20° (forming a stretched 'Z' shape), and dips vertically to 81° southeast. It consists of a 2 to 6 ft wide zone of brecciated to sheared, highly carbonate altered and replaced basaltic lavas that is cut by smokey to grey-black (blue) quartz veins. The quartz constitutes 20 to 70 percent of the structure, thins and swells, bifurcated, and pinches out only to re-appear along strike. The zone carries disseminated to patchy pyrite and lesser pyrrhotite (1 to 7%), sphalerite (1%), chalcopyrite (<1%), and fuchsite. The quartz typically carries tourmaline, and several tiny specks

of native gold were seen in cut slabs. The 2 VEIN's contacts are very sharp and always sheared with numerous minor secondary tangential fractures.

Assay results from the 67 2 VEIN samples range from .006 opt (35702) to .761 opt (35596). (See 2 VEIN LONGITUDINAL, Figure 5, in back pocket.) The arithmetic average for the forty-one chip samples of 'fresh' vein material is .204 opt. Like the SHAFT vein, the highest gold assays are always associated with higher concentrations of sulphide. However, the higher values are also associated with the greater thickness of quartz. Wall rock samples usually carry only low gold values. Of the 44 foot/hangingwall samples collected, twelve contained significant assays, ie:

35584 = .465 opt	35641 = .016 opt
35586 = .018 opt	35646 = .020 opt
35588 = .151 opt	35655 = .014 opt
35590 = .089 opt	35663 = .016 opt
35637 = .012 opt	35701 = .010 opt
35639 = .012 opt	35713 = .038 opt

Taken together with the actual vein sample, 35584 gave .604 opt over 4 ft and 35588 and 90 gave .216 opt over 6 ft. The wall rock in these samples is highly fracture and altered with a few minor quartz-carb fracture-fill veinlets.

There is a marked difference between the assay results from the rusty, weathered subcropping vein and the blasted, fresh vein, ie:

OXIDIZED SAMPLE	vs	FRESH SAMPLE
35561 = .066		35635 = .242
35563 = .062		35628 = .215
35566 = .042		35594 = .162
35568 = .207		35596 = .761
35571 = .048		35597 = .296
35574 = .217		35599 = .206
35580 = .244		35603 = .216
35583 = .052		35604 = .370

In all but two examples, the fresh samples returned significantly higher assays, up to a factor of 7 times. This is likely due to the oxidizing and washing away of the sulphide minerals which are directly associated with and probably

carry most of the gold.

The BULK SAMPLE assay results are tabulated below. In samples A, B, C, D, and G all the oxidized material was removed prior to blasting the sample. Samples E, F, and H were too low and deeply weathered to obtain fresh vein material and thus, their assay values cannot be considered representative.

Bulk Sample	Weight lbs	Width ft	Length ft	GOLD opt	CU %	ZN %	PB %	PT
A	136	3.5	15	.317	.025	.094	.037	nd
B	135	3.5	15	.389	.028	.232	.074	
C	130	3.5	20	.287	.022	.111	.016	
D	330	3.5	25	.310	.030	.097	.020	
E	329	3.0	30	.116	.013	.028	.008	
F	197	3.5	25	.047				
G	215	4.0	25	.063				
H	155	3.5	30	.249				

COMBINATION AVERAGES FOR BULKS

ABCDEFGH	=	.222 for 250'
ABCDE + H	=	.284 for 190'
ABCDE	=	.278 for 130'
ABCD	=	.326 for 85'

As with the chip sample results, the higher BULK assays are associated with the more quartzose and sulphide-rich portions of the vein. The overall grade of the 2 VEIN as averaged from the eight bulks is .222 opt for 250 ft strike length. The average grade for the four fresh bulks is .326 for an 85 ft strike length.

Diamond Drilling

Four diamond drill holes totalling 765 ft were drilled by Heath and Sherwood of Kirkland Lake, Ontario between October 16 and 22, 1982. The objective of the drilling was to test beyond the trenching for the southwestern continuation of both the SHAFT and 2 VEINS.

Results - Drilling

Diamond drill logs and sections are appended, surface plans and longitudinal penetrations are illustrated on Figures 3, 4, and 5, in back pocket.

Section 10,250E - Hole 82-130 intersected the SHAFT vein at 48 ft but the vein pinched to about 1 inch within an eight inch alteration envelope of silicified, tan coloured basalt. The zone graded only .004 opt/1 ft. The 2 VEIN structure was cut at 116 ft, also thinned, but graded .662 opt/1 ft. Two other quartz veins were also intersected in the hole; .008/1 ft at 179 ft and .163/1 ft at 163 ft.

Section 10,200E - A deep erosional trough was encountered on this section with the result that hole 82-131 overshot the SHAFT vein before coring began. A six ft wide brecciated and veined section of lava is interpreted to be the 2 VEIN. The quartz vein within the structure graded .168 opt/1 ft at 107 ft. Another vein, likely the same that was cut in hole 130 graded .160 opt/1.5 ft at 170.5 ft.

Section 10,150E - The SHAFT vein was again over-shot on this section. In hole 82-132, the interpreted 2 VEIN grades .303 opt/2.5 ft at 167.5 ft.

Section 10,100 - Hole 82-133 intersected a smokey quartz vein interpreted to be the SHAFT vein which graded .764 opt/1 ft at 107 ft. The 2 VEIN is a 4 ft wide breccia zone containing a 1 ft wide quartz vein at 188 ft that graded .016 opt.

B) 5 ZONE AREA

Stripping, detailed mapping, percussion and diamond drilling were completed from August to September, 1982 in the 5 ZONE area.

Stripping

Overburden removal over the western portion of the 5 ZONE

was done between August 26 and September 17 by Alarie Construction of Matheson, Ontario using a Link Belt K-360, 1.5 yard dragline and a Caterpiller D8-H bulldozer. The clays and basal gravels were dug out using the dragline and pushed away from the pit opening with the bulldozer. A 15%-grade ramp was also dug, corduroyed, and graveled to provide pit access. Ford Wilson's backhoe was used to remove the basal gravels missed by the dragline, and final cleaning was done by hand shovelling and monitoring. In all, about 26,500 yards of material was removed from the 200 by 130 by 30 ft deep (average) pit to expose almost 120 by 50 ft of bedrock.

Percussion Drilling

A close-spaced percussion drill chip-sampling program over the exposed bedrock in the 5 ZONE pit was completed between September 14 and 19. Seventy-nine holes totalling 4,715 ft were drilled using a Gardner Denver Hydratrac drill by Rok Engineering and Construction of Sudbury, Ontario. An attempt to collect all the drill cuttings in the large dust collector attached to the drill failed when it was discovered that most of the larger chips remained in the vacuum hose. As an alternative, a 2'x1½'x¼' wooden box was placed beside the hole and the cuttings were manually scrapped into the box. After each five ft of drilling, the cuttings were transfered into plastic sample bags and tagged, the box was thoroughly cleaned, and the procedure was repeated until the hole was completed.

As a first pass test, thirty-seven 40 ft deep vertical holes were drilled on a 10 ft grid to cover the exposure. This was followed by twelve -45° angle holes up to 140 ft long to test for buried extensions and completed with thirty vertical fill-in holes to depths up to 80 ft. This provided a total of 944 percussion chip samples.

It was hoped that the percussion drilling could be continued to cover the entire 5 ZONE structure but unfortunately, the

unit could not penetrate to bedrock. Apparently, too much power was lost in the sticky clays causing the rods to jam in the basal gravels.

Diamond Drilling

From Octber 6 to 16, 1982 forty-nine diamond drill holes totalling 5,145 ft were drilled into the 5 ZONE by Heath and Sherwood of Kirkland Lake, Ontario. Two drill rigs were used and the core size was BQ. (Photo 6.)

Forty-six vertical holes were drilled on a 20ft by 40 ft grid pattern (surveyed mine grid) over the central and eastern sections of the zone. Three holes were drilled at -45°N under the pit. Each hole was logged and sampled, with the whole core taken for assay.

Results

The chip and core sample assay certificates, the percussion and diamond drill sections, and the borehole logs are appended. Geological plans for the pit and 5 ZONE and a bedrock topography plan locate all the collars (Fig. 6, 7 & 8 resp.).

The 5 ZONE is an east-west striking structural and alteration body that dips at about 75° to the south. It is entirely enclosed within a pillowed basalt sequence that strikes 115° and dips very steeply north. Alteration within the zone consists of major calcium and iron-magnesium carbonate metasomatism, sericitization, and minor silicification and chloritization which cause the lavas to become tan to tan-grey to yellow in colour. The alteration envelope is up to 180 ft wide and has been recognized along a length of 1200 ft and as deep as 630 ft (Argyll hole 18). The zone has been variably fractured, brecciated and sheared with quartz, carbonate and up to 10% pyrite filling the voids.

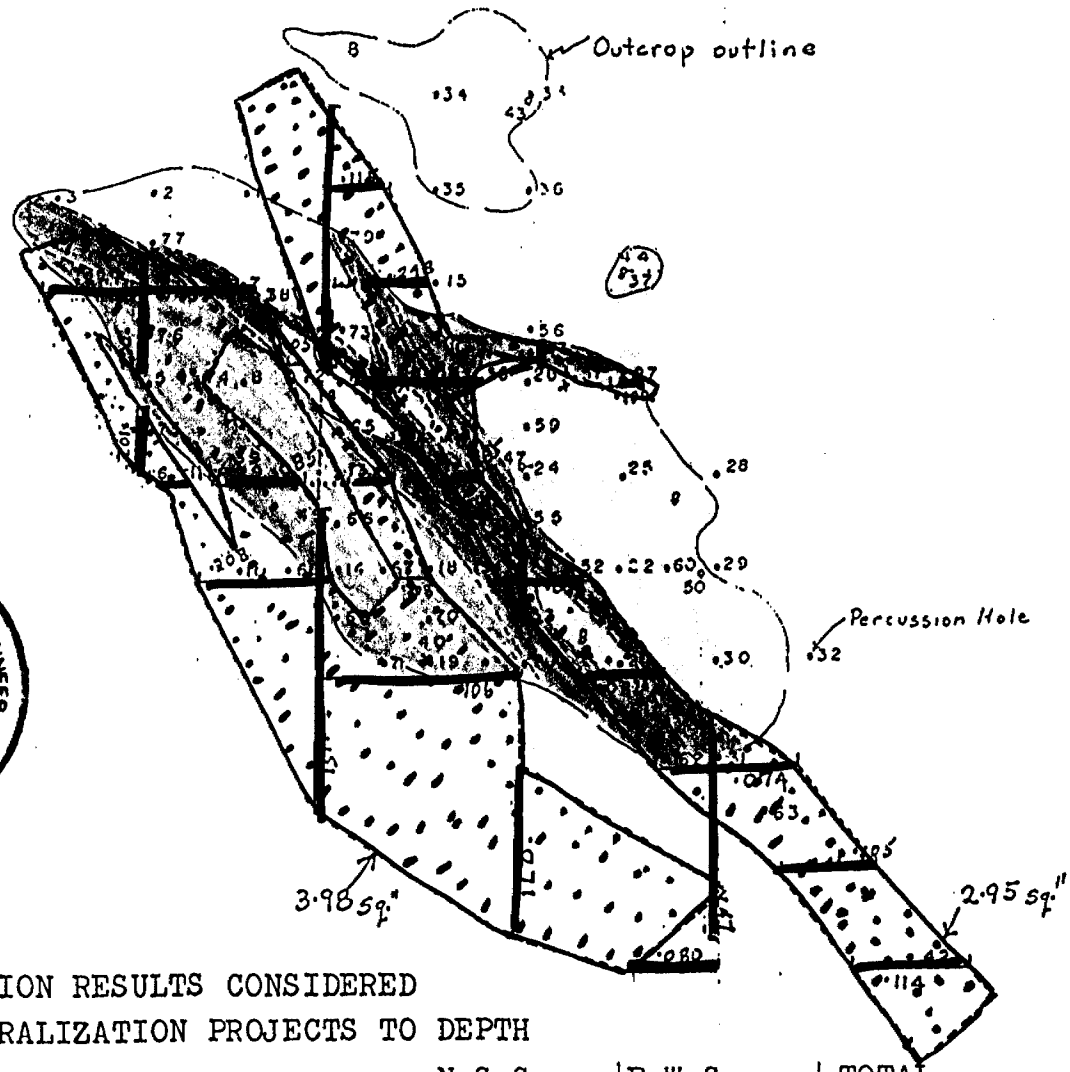
A rather massive, weakly altered unit (Unit B on Fig 6) shows tan to yellow colouration and has complete, undisturbed pillow

structures (Photo 7). This unit is cut by the occasional late carbonate veinlet and horsetail-like quartz vein. These horsetail veins diverge from strong structural zones at 30 to 60 degrees azimuth, typically carry high grade gold values and, at least in part, resemble the SHAFT and 2VEINS. Lense shaped islands of the B unit can occur within the more altered and sheared units.

A tan to tan-grey coloured, moderately sheared and more strongly altered unit shows only occasional remnant pillow and other volcanic features (Unit G_1). It is cut by abundant quartz leaders and veins which typically carry good grade gold mineralization. On the average however, Unit G_1 grades only marginally with assays in the trace to .08 opt range.

The most strongly altered structure (Unit G_2) is typically grey to tan-grey to yellow in colour, highly brecciated and sheared, and has almost no recognizable volcanic features. It contains innumerable leader, gash, and wider quartz veins, some of which have themselves been brecciated and crustified to produce ladder-like structures (Photo 8). The G_2 unit contains 2 to 10 percent pyrite, less than 1 percent sphalerite and chalcopyrite (found only in the veins and fracture fillings), and returns the highest gold assays; trace to 4.08 opt with a calculated mean of .146opt. A few post-mineralization milky white quartz veins and ladder veins (Photo 9) dip 30 to 45° north and crosscut the G_2 structure. One of these veins has been disrupted several inches suggesting late dextral movement. The few small orange coloured areas within the G_2 unit (Unit Or) are only a product of weathering. Of interest however, is that several large patches of fuchsite occur within the Or zone.

In the pit area, Unit G_2 forms two parallel zones totalling about 20 ft in width; the percussion drill results broaden this to about 35 ft. An overall grade of .125 opt has been calculated for the G_2 units in the pit area (See Tonnage/Grade Plan



REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

ASSUMPTIONS:

ONLY PERCUSSION RESULTS CONSIDERED
AREA OF MINERALIZATION PROJECTS TO DEPTH

	N-S Sec.	E-W Sec	TOTAL
Total percussion samples used ⟶	181	108	289
Total of average grades for above ⟶	22.393	12.590	35.983

then;

GRADE = $\frac{22.393}{181}$ = .124 opt (for N-S Sections), or $\frac{35.983}{289}$ = **.125 opt**

TONNAGE to 100 ft horizon (30-100') = $\frac{(3.98 + 2.95) \times 400 \times 70}{11}$

= **17640 tons**

or, projected to 200 ft

$\frac{6.93 \times 400 \times 170}{11}$ = 42840 tons

MAUDE LAKE GOLD MINE LIMITED
1982 PERCUSSION DRILLING
TONNAGE/GRADE CALC.
PLAN MAP
SCALE 1" = 20' NOVEMBER 1982

overleaf and percussion drill sections appended). Further east within the 5 Zone, the G_2 units split to form several parallel zones that widen to over 100 ft near the peridotite contact (Figure 7). The geological drill indicated reserves for all the G_2 units within the 5 Zone to the 200 ft horizon total 216,264 tons grading .146 opt gold (see diamond drill sections appended and Table 1, overleaf). A hypothetical Open Pit designed to the 100 ft horizon contains 73757 tons grading .170 opt with a waste to ore ratio of 3.1:1 (See Figure 7a and Table 2.

DISCUSSION - TECTONICS.

Geological data gathered to date suggest that shortly after the eruption of mafic pillow lavas and/or as it continued, a regional sinistral shear couple developed (Pipestone-Munro Fault) which caused brittle fracturing and local secondary sinistral shearing to open the volcanic system and initiate the gold mineralization event.

The SHAFT and 2 VEINS have proven to be simple fracture fillings approximately normal to the regional structure. The dramatic strike swing of the 2 VEIN to form an elongated 'Z' shape more than implies sinistral forces. Secondary sinistral movement associated with and at 45° to the regional shear created the 5 ZONE. Repeated adjustments along the secondary shear as evidenced by ladder-like, crustified, and horsetail veins and structural bifurcation nearing the main shear both enlarged and enriched the 5 ZONE.

The gold mineralizing event was terminated by minor dextral slip associated with the intrusion of the peridotite sill into the Pipestone-Munro structure. Although the peridotite may have caused some remobilization and enrichment, it soon effectively sealed the system. The sequence of events is schematically illustrated overleaf.

C) OTHER AREAS

Geological, mag. and VLF-EM surveys were completed over the 4 Coulson Twp. claims, 12 miles of VLF-EM were completed over portions of the Main Group, and 1 hole was drilled NW of the shaft.

MAUDE LAKE GOLD MINE LIMITED

'5' ZONE - GEOLOGICAL DRILL INDICATED RESERVES OF G_2 TO 200 FT HORIZON

SECTION	AREA sq.in.	LENGTH ft.	GRADE opt.	TONNAGE $\frac{AxLx400}{11}$	GOLD oz.	SECTION	AREA sq.in.	LENGTH ft.	GRADE opt.	TONNAGE $\frac{AxLx400}{11}$	GOLD oz.
5+00	3.65	90	.13	11945	1553	8+50	2.41	44	.132	3856	509
	1.36	103	.054	5094	275		3.46	41	.078	5158	402
	2.02	83	.108	6097	658		1.64	41	.086	2445	210
6+00	2.15	163	.112	12744	1427		.81	39	.062	1149	71
	using	percus.	results	42840	5355	9+00	.94	35	.102	1196	122
7+00	1.03	65	.056	2435	136		2.82	37	.187	3794	709
	.77	65	.064	1820	116		1.05	38	.099	1451	144
	1.73	86	.086	5410	465		1.81	40	.117	2632	308
	1.71	86	.139	5347	743		.82	40	.074	1193	88
	1.30	56	.103	2647	273		.38	42	.052	508	30
	2.33	56	.051	4744	242		.55	42	.229	840	192
	.47	56	.109	957	104		1.52	89	.215	4919	1058
							1.20	89	.152	3883	590
7+50	1.81	46	.068	3027	206		2.12	67	1.150	5165	5939
	2.66	46	.201	4449	897	9+50	.95	50	.079	1727	136
8+00	2.87	47	.085	4905	417		3.16	50	.095	5745	546
	2.72	47	.061	4648	284		.91	50	.245	1654	405
	1.75	110	.196	6999	1372		1.65	50	.110	3000	330
	.78	110	.062	3120	193	10+00	4.13	49	.132	7358	971
	.88	110	.044	3520	155		.39	57	.153	808	124
	1.03	70	.049	2622	128		1.11	49	.113	1978	223
	.85	70	.058	2163	125		.79	49	.058	1407	82
	.62	88	.585	1984	1161		1.07	50	.151	1945	294
	.30	88	.751	960	721	10+50	1.82	52	.112	3441	385
	1.94	121	.085	8535	725						
		TOTALS		149012	17731					67252	13868

TABLE 1.

$$\text{GRADE} = \frac{17731+13868}{149012+67252} = .146 \text{ opt} \qquad \text{TONNAGE} = 216{,}264$$

ASSUMPTIONS: all assays at face value; percussion data projected to 200' on Sec. 6; Maude Lake 81-82 diamond drill results projected to 200' as shown on other sections; old foreign drillresults not used in calculations.

TABLE 2.

MAUDE LAKE GOLD MINE LIMITED

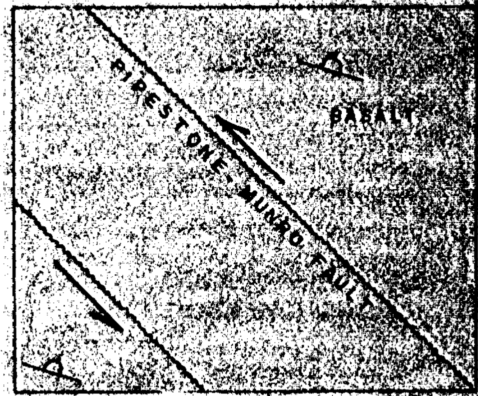
'5' ZONE - HYPOTHETICAL OPEN PIT TO 100 FT HORIZON

GOLD MINERALIZATION (Unit G_2)						TOTAL ROCK		
SECTION	AREA sq.in.	LENGTH ft.	GRADE opt	TONNAGE $\frac{A \times L \times 400}{11}$	GOLD oz.	AREA sq.in.	LENGTH ft	TONNAGE
5+00	1.72	90	.13	5629	732	5.30	90	17345
6+00	6.93	70	.125	17640	2205	9.93	94	33705
(See plan of percussion drilling)								
7+00	.64	65	.056	1513	85	11.63	73	30872
	1.35	65	.086	3191	284			
	2.01	56	.103	4093	422			
7+50	.68	46	.068	1138	77	9.80	44	15680
	1.00	45	.201	1636	329			
8+00	2.29	47	.085	3914	333	13.30	50	24182
	1.95	75	.196	5318	1042			
	.58	70	.049	1476	72			
	.41	70	.058	1044	61			
	.56	91	.585	1853	1084			
8+50	.89	43	.132	1392	184	20.92	50	38036
	1.41	43	.078	2205	172			
	.53	40	.086	771	66			
	.25	38	.062	345	21			
9+00	.22	35	.102	280	29	17.30	50	31455
	1.01	34	.187	1249	234			
	.31	74	.099	834	83			
	1.40	39	.177	1985	351			
	.35	41	.052	522	27			
	1.67	87	.215	5283	1136			
	.82	72	1.150	2147	2469			
9+50	.42	50	.079	764	60	15.00	50	27273
	.82	50	.095	1491	142			
	.32	50	.245	582	143			
	.59	57	.110	1223	135			
10+00	1.21	59	.132	2596	343	6.88	40	10007
	.40	50	.153	727	111			
	.63	40	.113	916	104			
TOTALS				73757 TONS	12536 OZ		541 FT	228555 TONS

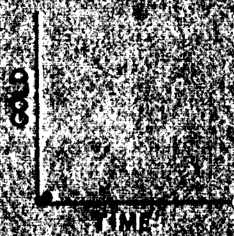
AVERAGE GRADE = $\frac{12536 \text{ oz}}{73757 \text{ tons}}$ = 0.170 troy oz/ton.

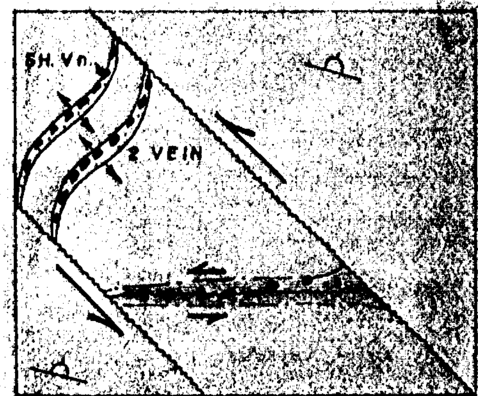
ORE / WASTE RATIO = $\frac{73757}{228555}$ = .3227

SCHEMATIC OF TECTONIC AND MINERALIZATION EVENTS.

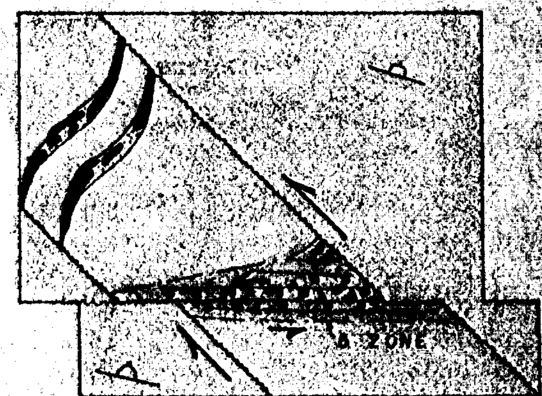


1. Regional SINISTRAL SHEAR couple forms PIPESTONE - MUNRO FAULT.



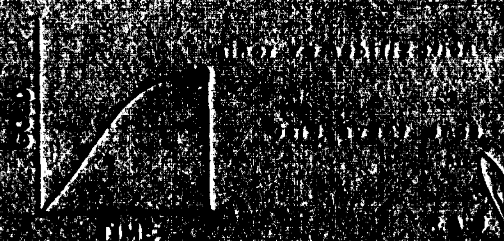


2. Secondary sinistral shear and brittle fracture opens the system forming the B ZONE and SHAFT 2 VEIN.



3. Repeated minor adjustments enrich and enlarge B ZONE.

4. Intrusion of Peridotite causes minor DEXTRAL SLIP sealing the system.



VLF-EM Survey - Main Group

As part of on-going exploration work, a VLF-EM survey was completed during June and July 1982 to test for conductive zones and possible faults. Twelve miles of line were read at 100 ft intervals for a total of 642 readings using a Crone Radem receiver tuned to Cutler, Maine (17.8 KHz). The results are plotted at 1" = 40^{o} on Figure 9, in pocket.

The northeast to east-northeast striking electromagnetic cross-over anomalies are rather continuous and strong, have moderately high field strengths and are likely due to cross-cutting shear zones; eg: anomalies in L550885, L618520, L617455, and the two in L571647. The east to southeast striking anomalies can be contiuous, always have low field strengths, and occur in low to swampy areas or adjacent to outcrops. These cross-overs are likely due to overburden effects. The two long southeast striking anomalies south-east of the shaft also have low field strengths and although part of both fall over the 5 ZONE, they are interpreted to be the result of overburden effects as well.

The numerous single line cross-overs always occur in over-burden covered areas, usually have low field strengths, and are likely caused by conductive clay. A few exceptions at L0,2N, L36E, 21S and L40E, 27S lie close to the interpreted upper contact of the peridotite and may be due to shearing.

Diamond Drill Hole 82-134

The results of a 1981 mag survey over parts of the Main group suggested that the lower contact of the peridotite-gabbro sill lie at approximately 14W, 12 to 13 N. Borehole 82-134 was drilled to test the volcanics beneath the sill in hopes of locating new gold-quartz veins or structures. The hole was collared at 14W, 11N and drilled at -45^{o} bearing 315^{o}.

The hole reached bedrock at 100 ft and immediately cut medium to coarse grained, moderately magnetic, massive gabbro. The

hole was stopped at 150 ft. The log and section for 82-134 are appended.

Coulson Twp Claims - Geology, Mag. and VLF-EM Surveys

Geological, magnetometer and VLF electromagnetic surveys were completed during June and July 1982 over the four Coulson Township claims that form part of the Main Group. The surveys were controlled using a previously cut 400 ft grid and a base station was established at 24W, 49+50N.

Geological Survey

The most common rock unit on the claims is close-packed basaltic pillow lava, Unit 1a on Figure 10, in back pocket. It is typically grey-green, fine grained, non-magnetic, amygdular, well jointed, and always carries minor amounts of disseminated pyrite. The pillows have well developed rinds, are round to bun shaped (1 to 6') with tops north. The lavas weather pale brown but can be quite rusty locally, especially near quartz veinned areas. The pillow units can grade into isolated pillow and massive lavas both vertically and along strike.

Basaltic pillow breccia (1b) bands strike at 285° and usually underly flow top breccias. The pillow breccias are hyaloclastite rich and contain more disseminated pyrite as evidenced by their rusty weathered surface.

Several quartz veins and fracture-fillings were found to strike northeast but dip at all angles. Two veins were sampled but returned only traces of gold (35622 and 623).

Two narrow lamprophyric dykes were seen on line 12W. They are very fine grained, dense, almost black and have very sharp chilled contacts that weather grey. These dykes may be late differentiates of a Matachewan diabase that is interpreted to underly the spruce swamp along line 8W. Two vertically dipping shear zones bearing 75° cut the volcanic sequence, lines 16W and 24W. The shears are quite chloritic and rusty and contain minor amounts of quartz-carbonate.

Magnetometer Survey

A Sharpe Instruments MF-1 fluxgate magnetometer was read at fifty ft stations along the grid and the results are plotted on Figure 11, in back pocket. The magnetics show rather flat and featureless trends for most of the property. One exception is the northwest trending high on lines 24W and 28W. The anomaly falls over an outcrop area and likely represents a magnetite and/or pyrrhotite rich flow top breccia. Two single line mag highs (line 0 and 8W) occur in spruce swamp and probably represent north-striking diabase dykes found in outcrop to the south.

VLF-EM Survey

A Crone Radem VLF-EM unit tuned to Cutler Me. was read at 100 ft intervals over the grid. The dip angle results are plotted on Figure 12, in pocket. Three parallel and continuous cross-over anomalies trend northeast across the stratigraphy. Anomalies A and B fall directly along mapped shear zones. Anomaly C has similar high field strengths and probably represents a similar structure. Two single line cross-overs (12W and 4W) occur just off outcrops and likely reflect overburden effects.

CONCLUSIONS AND RECOMMENDATIONS - MAIN GROUP

A - Trenching, detailed chip and bulk sampling, and diamond drilling were completed in the SHAFT and 2 VEIN area during the 1982 program. Work done in 1981 outlined a combined reserve of 75,749 tons grading .227 opt gold to the 500 ft horizon along 480 ft of strike. The 1982 trenching and drilling increased the combined strike length to more than 1260 ft. Bulk sampling has shown that despite the erratic results of past drilling, the 2 VEIN structure is consistent in both grade and width. The overall grade for 250 ft of vein averaged .222 opt/3.5 ft while selected sections graded as high as .389 opt/3.5 ft along 15 ft or .326 opt/3.5 ft along 85 ft.

Although not enough new data has been gathered to justify re-calculating a reserve, the added length and consistent bulk grades within the gold shoot considerably enlarge the economic potential of the two veins. Several similar but untested fracture-fill gold-quartz veins lay nearby.
Continued work to test all these veins should focus on extending both laterally and vertically the high-grade gold shoots.

B - The 1981 exploration drilling into the 5 ZONE outlined 201,000 tons grading .09 opt Au to the 200 ft level along 550 ft of strike. The ZONE has been recognized along 1200ft of strike and to a depth of 630 ft (with suggestions to the 1000 ft level in hole # 22; .69/1.2'). This years overburden stripping allowed detailed mapping of the structure which indicated that the gold mineralization is directly related to the nature and degree of shearing, brecciation, and alteration. This geologically recognizeable unit (G_2) has drill indicated reserves of 216264 tons grading .146 opt Au. A 'first-pass' hypothetical Open Pit design returned drill indicated reserves of 73757 tons grading .170 opt Au (two additional benches could readily be removed from the central and western sections of the design). The G_2 unit occurs within an envelop of less fractured and altered lavas that typically carry only low grade values, but can host several high grade horsetail veins.
Recommendations for continued evaluation of the potential open pit gold deposit must include sufficient overburden removal to allow a large bulk sample to be obtained for mill test purposes. Exploration for lateral and vertical extensions of the deposit should be tested by systematic diamond drilling (100' centers).

C - Geological, magnetic and electromagnetic surveys over other areas within the Main Group failed to pinpoint any definite targets. A borehole put down to test for gold-bearing structures beneath the ultramafic sill cut massive gabbro. Continued exploration to test for new gold structures and veins should include detailed magnetic and IP-resistivity surveys and diamond drilling. The volcanics immediately beneath the ultramafic sill represent the best spacial loci for mineralization.

PART II - SALVE LAKE GROUP

HISTORY

Past exploration work over the Salve Lake Group of 66 claims has included a few geological and geophysical surveys and a limited amount of diamond drilling, mostly in the outcrop area south of Salve Lake.

In 1939, Cominco completed a geophysical survey over current claims L642720, L642580 and 81 and drilled one 290 ft hole that intersected rhyolite containing quartz stringers with pyrite and low gold values.

In 1945, Clodan Gold Mines held 45 claims around Salve Lake. They drilled seven short X-ray holes in the outcrop area south of the lake which intersected mafic and felsic volcanics and pyroclastics cut by minor quartz veins containing gold values.

In 1960, Texas Gulf drilled one hole in L565054 that intersected mafic volcanics containing graphite and pyrite.

Shennandoah Mines completed mag and EM surveys in 1974 over forteen claims covering most of Salve Lake and the swampy ground to the east.

In 1979, Gulf Minerals held the 40 claims S & W of Salve Lake. They drilled a north-bearing fence of 3 diamond drill holes totalling 3409 ft along the west claim boundary of L642522 and L642575. The holes cut mafic and felsic volcanics and minor graphite. The few samples assayed failed to return significant values. All the core is stored at the OGS Core Farm in Kirkland Lake.

In 1981, Maude Lake Gold Mine completed a magnetometer survey over the 20 claims north of the lake.

1982 EXPLORATION PROGRAM - SALVE LAKE GROUP

Geological, magnetic, electromagnetic and radiometric surveys

were completed and two boreholes were drilled on the Salve Lake Group between June and December 1982. Two baselines totalling 4.5 miles and 45 miles of picket line spaced at 400 ft intervals were cut for survey control. Base stations were established at 21W, 57S, 26W, 0+20N and 72W, 3+50S.

Geological Survey - Figures 13A and 13B

All rock formations are Precambrian in age. The most common rock unit on the property is Keewatin basalt. It is typically fine grained, grey-green in colour, non-magnetic, and always contains minor disseminated pyrite. The weathered surface is pale brown but can be very rusty, especially near the diabase contact and in quartz veined areas. In areas of good exposure, individual flows can be mapped. They average 40 to 80 ft thick, strike 95 to 115°, and dip near vertically. A typical flow consists of a sharp and well-defined flow top breccia showing balling and chill features (.5 - 2") that grades into a pillow-breccia and hyaloclastite-rich unit (1 -40'). Underlying this pillow breccia (Unit 1b) is a close-packed pillow unit (Unit 1a) which usually grades into an isolated pillow layer and finally into the massive flow bottom. The lower contact usually shows some chill features and minor alteration.

The pillows have well developed rinds (.5 to 1") and amygdules, are sub-rounded to classic bun-shaped (1 to 6'), and tops are always to the north. The interpillow matrix is pyrite rich basaltic hyaloclastite which weathers a rust colour. Grey to black chert sweats were occasionally seen within the pillow cores.

A major strike fault seen at 13E, 4S is interpreted to cross the central group. It strikes at 100°, dips vertically and corresponds well with anEM anomaly. The shear appears to off-set two diabase dykes by 40 to 120 ft. The structure has a pit and trench on it that shows minor quartz-carbonate fill. Several minor northeast striking fractures were

also found and are usually occupied by bull-quartz veins. Jointing is well developed in the massive and pillowed units and strikes parallel to the stratigraphy.
Several quartz veins and fracture fillings were mapped and sampled. The veins strike usually to the northeast but dip at all angles (20°NW to 85°SE). Ten of the veins were sampled and analysed for gold (35612 to 35621) with only trace assays returned.

A large Mafic-ultramafic sill (Unit 2) is interpreted to intrude the volcanics at 110 to 135° azimuth. Although not exposed anywhere on the property, this Haileyburian-aged body has been intersected in several boreholes on the Main claim group and in hole S82-1, and can be followed by magnetic features. Core specimen examination show that the peridotite is medium grained, green-black, massive, strongly magnetic, and has occasional picrolite filled fractures. Relic olivine crystals are now mostly serpentine. The basal contact is quite sheared to talcose. The gabbroic phase is medium to very coarse grained (even blotchy), quite massive, moderately magnetic, and leucoxene-bearing. This sill is interpreted to have invaded the volcanic sequence along the extension of the Pipestone-Munro Fault.

A few southeast striking, vertically dipping feldspar porphyry dykes cut the lavas at 70W, 20N. They are white to grey in colour, fine to medium grained and always carry minor disseminated pyrite. These dykes are Algoman-aged (Unit 4).

Two north striking and four minor northeast striking Matachewan diabase dykes cut the pillow lavas north of Salve Lake. They consist of fine to medium grained plagioclase feldspar, chlorite and amphibole (in part after pyroxene) and an occasional quartz grain (Unit 5). The dykes are weakly to moderately magnetic and weather a rusty brown colour. They show good chilled contacts and slightly alter their enclosing hosts. Two narrow east-northeast striking basalt dykes cut the volcanics at 10E, 0+00 and 72W, 15N. They are very fine

grained, weakly magnetic, and donot show diabasic textures.

A large Keweenawan olivine diabase crosscuts the entire series on the western claims (Unit 6). The dyke is exposed in outcrop west of the property and represents the major magnetic feature in the area.

VLF-EM Survey - Figure 14A, 14B and 14C

Forty-six miles of line were read at 1 ft intervals over fifty of the Salve Lake claims using a Crone Radem VLF-EM receiver tuned to Cutler, Me (17.8 KHz). The dip angle results plotted at 1"=20° on Figures 14A, B, and C, and a summary of the results is tabulated below.

ANOMALY NO.	STRIKE	LENGTH FT	FEILD STRENGTH	SUSPECTED CAUSE
A	SE	5000	high	Known strike fault
B	E-SE	5000	high	Probable fault // to A
C	-	-	avge	Overburden, pd sill ct??
D	SE	2500	high	Probable fault
E	SE	2000	high	Painkiller Lake Fault?
F	NE	600	low	Overburden effects - swamp
G	NE	3500	high	Shear along ol. diabase ct?
H	SE	3600	high	Shr'd & bxtd, carb-bslt-S82-2
I	SE	1500	avge	Fault on gb ct - hole S82-1
J	SE	1500	avge	Shear or overburden effects
K	SE	2000	high	Possible shear-sulp.
L	SE	1500	low	Overburden effects
M	E	4500	avge	Clay-swamp ct or strike fault
N	E	3000	low	Conductive clay
O	E	2500	high	Drilled=grph & sulp-stratig.
P	NE	1200	low	Overburden effects
Q	E	600	low	Overburden effects.

Most of the southeast striking crossover anomalies occur in both outcrop and overburden areas and have high field strengths. Four of these anomalies (A, E, H, I) correspond directly with shearing. The remainder probably represent similar structures (B, D, J, K) except anomaly L (52W, 3+50S) which is likely caused by overburden effects.

The northeast striking anomalies F and P have low field strength and are suspected to be caused by overburden effects.

Anomaly G has a very high field strength and follows the upper contact of the olivine diabase dyke. The contact is close to surface and is likely sheared.

The east striking crossover anomalies south of Salve Lake reflect the stratigraphy strike change associated with the felsic volcanic pile. Anomaly O is very strong, has an old borehole collared just north of it, and likely is caused by graphite and sulphides (minor gold) as reported by Clodan in 1945. Anomaly M may have a similar cause, but anomalies N and Q are probably caused by overburden effects.

The numerous single-line crossovers throughout the claims occur in low swampy areas and/or adjacent to outcrop areas, have low field strength, and are interpreted to be caused by overburden effects. Anomaly C however, is associated with a magnetic feature and may represent the sheared upper contact of the mafic sill.

Magnetometer Survey - Figure 15B

The fifteen western Salve Lake claims were surveyed using a Sharpe Instruments MF-1 fluxgate magnetometer during Oct-Nov. Readings were taken at 50 ft intervals and diurnal corrections were made using the time/linear method. The results are plotted on Figure 15B, in pocket.

The major northeast striking magnetic feature is caused by the large Keweenawan olivine diabase dyke. The 'bulge' in this feature at the end of line 80W is caused by the southeast striking peridotite sill. Similarly, the broad 1000 gamma contour in claims L642785 and 86, and the smaller one in L642572 probably have the same cause but are more deeply covered. BH S82-1 collared in a coarse grained, magnetic mafic gabbro.

The sharp, narrow anomaly centered along the south boundary of L642786 was tested in BH S-82-2 and may be due to magnetite concentrations formed during the major carbonatization

event. The isolated highs over the outcrop area at 68W, 26N and 34N are likely caused by local concentrations of magnetite within the basaltic lavas. The high at 52W, 2+50N is probably caused by a nearby boulder in the esker.

Radiometric Survey - Figures 16B and 16C

A radiometric survey was completed over the southern and western Salve Lake claims during Oct-Nov. 1982 to assist the geological interpretation. A M^{c}Phar TV-1A Radiation Spectrometer was used and total field readings were taken every 100 ft along the grid lines. The results are plotted on Figures 16A and 16B. Readings were corrected for diurnal drift.

The total field readings ranged from 1 to 21 in the survey area and can be grouped into distinct populations based on the overburden and bedrock. The lowest readings (1-4cpm) always fall over the wet, swampy area and lakes. The readings over the large basalt outcrop centered in L622505 were 4 to 9 cpm while those over the felsic volcanics south of Salve Lake ranged from 13 to 18 cpm. This likely reflects the higher potassium levels found in the felsics. Readings over the esker and sand covered areas ranged from 9 to 12 cpm while the highest readings of 12 to 20 cpm always fell over thick clay deposits, again reflecting the higher potassium concentrations. No radioactive mineralization was expected or found.

Boreholes S82-1 and S82-2

Heath and Sherwood of Kirkland Lake, Ontario drilled two boreholes in the Salve West calim group between Nov 30 and Dec 11, 1982. Logs, sections, and assay certificates are appended and the holes are located on Figure 13B, in pocket.

BH S82-1 was collared at 40W, 20S bearing 160 az and was drilled to test mag and EM anomalies south of the interpreted

lower contact of the peridotite-gabbro sill. The hole started coring at 202 ft in cg, magnetic and fractured gabbro. A quartz veined section of gabbro assayed .010 opt/2.5 ft at 266 ft. A sharp 1' wide, conductive, mud-filled contact fault at 344 ft separates the gabbro and underlying lavas. This fault and/or the two graphite zones (at502' and 538') may explain the EM anomaly. The isolated pillow basalts are weakly fractured with calcite fill but several strong breccia zones were noted. These zones are typically tan to tan-yellow in colour, variably brecciated, always associated with quartz veining, and at least in part resemble the 5 ZONE type mineralization. Assay results from these zones were only trace to .004 opt/4 ft. A grey feldspar porphyry cuts the lavas at 450 to 487 ft.

BH S82-2 was collared at 71+50W, 13S bearing due south and was drilled to test mag and EM anomalies well below the peridotite-gabbro contact. The hole started coring at 83' in wkly fractured and veined basalt. A major brecciated and re-crystalized carbonate structure contains up to 60 percent ferrodolomite and numerous quartz-carbonate leader veins. Only trace gold assays were returned from the zone. A few tan to tan-yellow, strongly altered and brecciated section of lava further down the hole returned only trace assays as well.

RECOMMENDATIONS AND CONCLUSIONS - SALVE LAKE GROUP

Exploration over the Salve Lake claim group during 1982 consisted of geological, magnetic, electromagnetic, and radiometric surveys and diamond drilling two holes. The results have shown that both the geological and geophysical environments resemble that found in the SHAFT and 5 ZONE areas. Drilling results, although returning only trace to very low gold assays have outlined a major carbonate metasomatic zone and several narrow breccia structures. These potential gold-bearing structures warrent continued evalua-

tion. An induced polarization-resistivity survey over the volcanics south of the ultramafic sill(Pipestone-Munro Structure) should outline any weakly disseminated sulphide zones associated with gold mineralization. Follow-up drilling would be needed. Also, the mapping and geophysical surveys should be continued to cover and assess all the Salve Lake claims and assure they are held in good standing.

BUDGET - 1983

Recommendations from the 1982 program include: extending the gold shoots within the SHAFT and 2 VEINS and other known gold structures by trenching, diamond drilling and/or underground methods; overburden stripping over the 5 ZONE to facilitate bulk sampling; geological and geophysical surveys to cover all the Salve Lake claims; and, detailed mag and IP-resistivity surveys and diamond drilling to explore for other similar gold mineralization along the entire 5 mile strike length of untested volcanics adjacent to the Pipestone-Munro Fault (now at least in part occupied by a gabbro-peridotite sill). Although all the recommendations are justified, only the highest priority work is planned for 1983. Drill indicated reserves in the 5 ZONE total 216,264 tons grading .146 opt to the 200 ft horizon or 73,757 tons grading .170 opt in a hypothetical pit designed to the 100 ft horizon. Intersections on the 600 and 1000 ft horizons indicate the potential for much larger tonnages. Overburden stripping and bulk sampling could quickly turn the 5 ZONE mineralization into a small open pit gold mine. In addition, continued mapping and geophysical surveys over the Salve Lake claims would not only help to assess their economic potential, but also assure they are all held in good standing.

A Budget covering these two priority programs is tabulated overleaf.

5 ZONE - Stripping and Bulk Sampling	
STRIPPING 150,000 yards at 2.30 per	345,000.00
PERCUSSION DRILLING 4,000 ft at 2.00 per	8,000.00
BULK SAMPLING, BLASTING etc	15,000.00
CHANNEL SAMPLING 200 at 30.00 per	6,000.00
RENTALS, TRAVEL, SUSTENANCE etc	9,000.00
CONTINGENCIES	10,000.00
	393,000.00
PROJECT SUPERVISION, REPORTS etc at 10%	39,300.00
5 ZONE TOTAL	$ 432,300.00
SALVE LAKE GROUP - Exploration	
LINECUTTING 20 miles at 300.00 per	6,000.00
GEOLOGICAL SURVEY 31 miles at 200.00 per	6,200.00
MAGNETOMETER SURVEY 31 miles at 200.00 per	6,200.00
VLF-EM SURVEY 16 miles at 250.00 per	4,000.00
	22,400.00
PROJECT SUPERVISION, REPORTS etc at 10%	2,240.00
SALVE LAKE TOTAL	$ 24,640.00
GRAND TOTAL - 1983	$ 456,940.00

Assuming the bulk sampling results substantiate that the drill indicated grades are recoverable for the 5 ZONE mineralization, a preliminary cost analysis to exploit the deposit to the 100 ft horizon by open pit methods would include:

PARAMETERS (See Table 2.)

Total rock to be removed to 100 ft = 228,555 tons.

Total ORE to be removed to 100 ft horizon = 73,757 tons

Total GOLD contained allowing for .015 opt milling losses = (.170 - .015) x 73757 = 11432 troy oz. GOLD.

Average gold price expected = $500.00 Canadian.

continued overleaf...

COSTS - 5 ZONE OPEN PIT TO 100 FT

. Mob/de-mob, stripping, pit preparation	=	435,000.00
. Mining (drill, blast, remove etc) at 3.00 per ton = 3.00 x 228,555	=	685,665.00
. Trucking to Timmins custom mill at $.10 per ton mile for 40 miles = 4.00 x 73757	=	295,800.00
. Milling at $15.00 per ton = 15.00 x 73757	=	1,106,355.00
. Administration, assays, rentals for 6 months at 30,000.00 per	=	180,000.00
. Temporary Buildings (garage, shop, office)	=	150,000.00
. Contingencies	=	300,000.00
TOTAL EXPECTED COSTS or, $276Can. per troy oz.	=	$ 3,152,820.00

REVENUE

. Total Revenue from GOLD = $500.00 x 11,432 oz.	=	5,761,000.00
POTENTIAL BEFORE TAX PROFIT	=	$ 2,561,180.00

A portion of these monies could be turned back into the property to: -continue to open pit mine the 5 ZONE to the 200 ft level;

-systematically evaluate the 5 ZONE to depth by diamond drill methods;

-develop and 'bulk' evaluate the 5 ZONE and VEINS by underground ramping methods; and,

-detail explore the entire 5 mile strike length along the Pipestone-Munro Fault for new gold-bearing structures.

RAB/hc

ROBERT A. BENNETT, MSc., PEng.

January 21, 1983.

REFERENCES

Bennett, R.A. - March 1981 (private company report)
PROGRESS REPORT, Number Company 276576 Ontario Ltd.

Bennett, R.A. - August 1981 (private company and OMEP report)
1981 EXPLORATION PROGRAM REPORT for Maude Lake Gold Mine

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1981 REPORT ON EXPLORATION for Maude Lake Gold Mine

Lovell, H. etal - Kirkland Lake Data Series Map P.864,
BEATTY TOWNSHIP

Ontario Geological Survey, Office of the Resident Geologist
ASSESSMENT FILES

Prest, K.V. - 1951: ODM Volume LVI, Part VII
GEOLOGY OF THE CARR TOWNSHIP AREA

Satterly, J. - 1951: ODM Volume LX, Part VIII
GEOLOGY OF MUNRO TOWNSHIP

Satterly, J. and Armstrong, H. - 1947: ODM Volume LVI, Part VII
GEOLOGY OF BEATTY TOWNSHIP

Waisberg, S. - October 193 (private company report)
REPORT OF PROPERTY (formerly Argyll Gold Mine), Beatty Twp.

CERTIFICATE OF QUALIFICATIONS

I, Robert Allen Bennett do hereby certify that:

1) - I reside at 1312 Nesbitt Drive, Sudbury, Ont., P3E4E8.

2) - I am a registered professional engineer of the Province of Ontario, and a member in good standing of the Canadian Institute of Mining and Metallury, and the Prospectors and Developers Association.

3) - I am a graduate of the Haileybury School of Mines'(1967) two year Mining Technology course; and
I hold a Bachelor of Science in Geological Engineering (1970) and a Master of Science in Geology (1971) from Michigan Technological University.

4) - I have been continuously engaged in my profession since graduation.

5) - The foregoing report, 1982 REPORT ON EXPLORATION for Maude Lake Gold Mines Limited dated January 21,1983 is based on:
   a) my knowledge of the property through direct supervision of all the operations described herein,
   b) published government reports and maps, and unpublished reports by myself and other geologists as listed in the references,
   c) my personal knowledge of the Abitibi Greenstone Belt from 12 years of continuous geological work throughout the area.

6) - I am a shareholder and investor in private company Maude Lake Gold Mine Limited.

Dated this 21st day of
January in the year
1983 at Sudbury, Ontario.

Robert A. Bennett MSc., PEng.

Geological Engineer

APPENDIX

1. PHOTOGRAPHS - 1982 PROGRAM

1. TRENCHING, SHAFT & 2 VEIN AREA
B&E 22S 3/4 yard Dragline Aug.12/82.

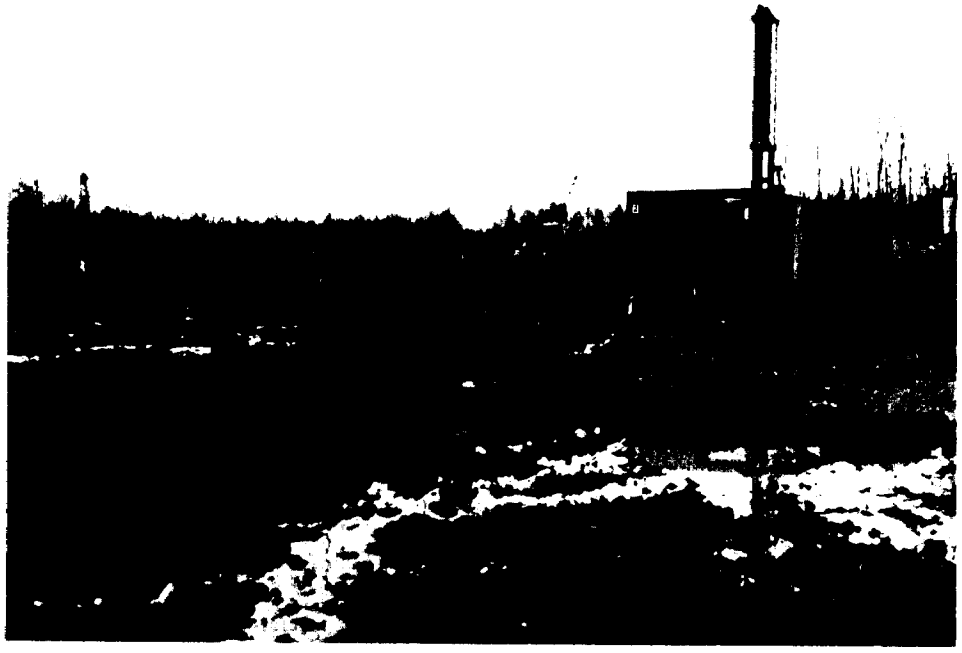
2. SHAFT VEIN AT DIABASE CONTACT
Compass 1 inch west of & along contact.

3. ? VEIN at Sample 35597 within BULK B.

4. 5 ZONE STRIPPING Sept.13/82.

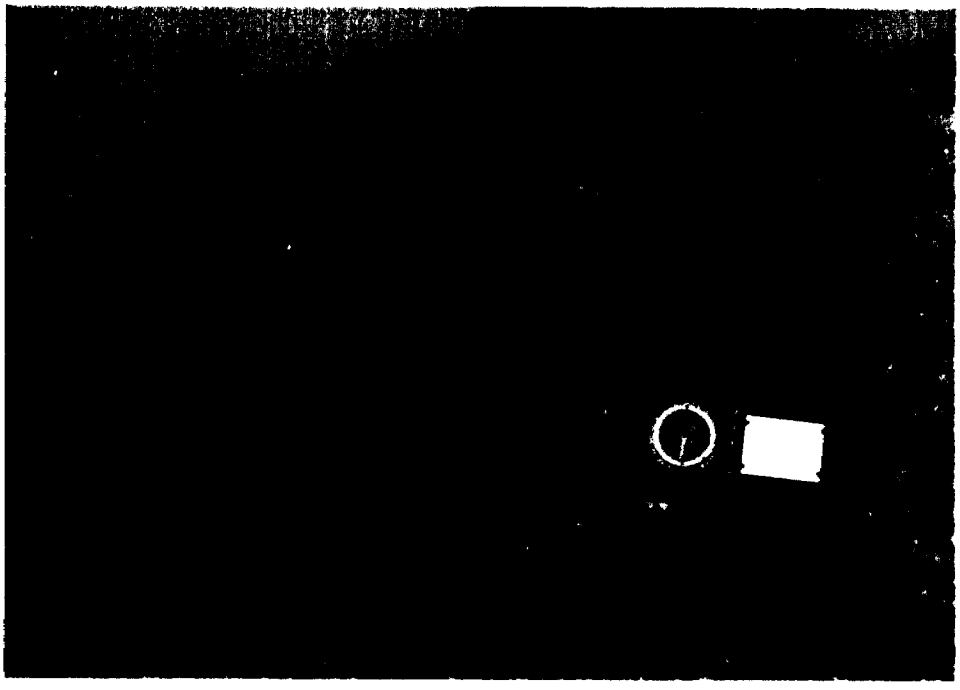
Link Belt K-360 1½ yard Dragline, Caterpiller D8-H Bulldozer, John Deere 510 Tractor.

5. 5 ZONE PERCUSSION DRILLING Sept.15/82
Gardner Denver Hydratrac

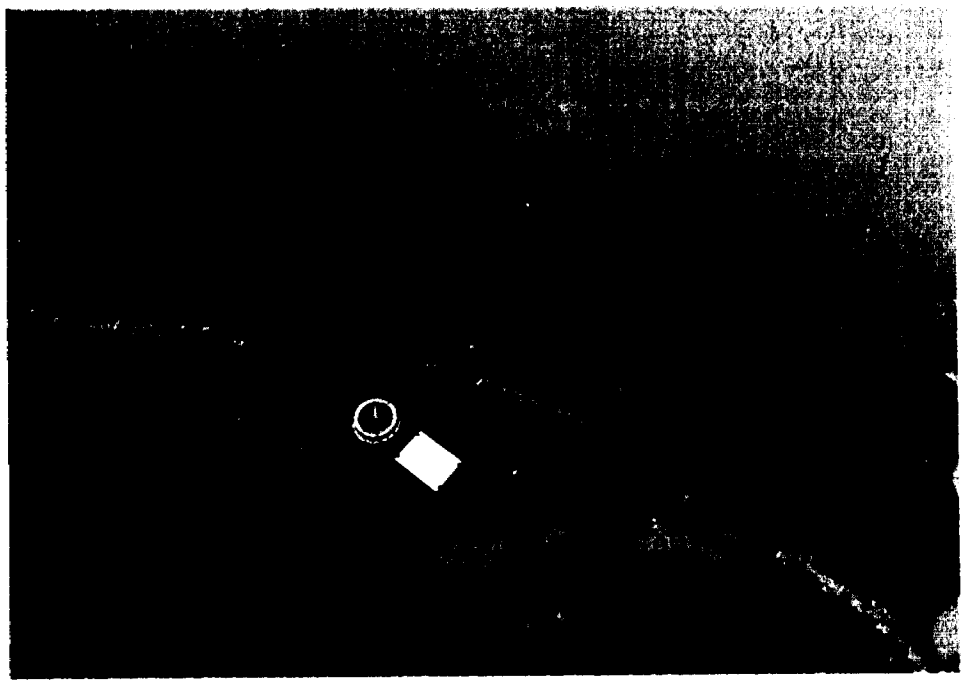


6. 5 ZONE DIAMOND DRILLING Oct.14/82
Heath & Sherwood Diamond Drilling Company

7. 5 ZONE ALTERED PILLOW LAVA (UNIT B)
Base of access ramp



8. 5 ZONE LADDER BRECCIA VEIN (UNIT G_2)
Five ft grid east of Holes 82-4 & 46.



9. 5 ZONE LATE LADDER VEIN (UNIT G_2)
At percussion Hole 82-69

10. 5 ZONE FINAL MOVEMENT (UNIT G_2)
At percussion Hole 82-46.

2. BOREHOLE SUMMARIES

MAUDE LAKE GOLD MINE *Borehole Summary*

Hole No.	Data Source: Section	Log.	Sum.	ASSAY HIGHLIGHTS	COMMENTS
1S					No data - likely all in peridot
2S	x				No assays or geology - likely p
3S	x	x		.06/12' at 293' in bx & 1.0/1.25'(VG)	NE of shaft, other side of pd. in pillow lava.
4S	x	x		.76/1.5 at 352, .03/1.25 at 442,& .04/2 at 447 ft.	NE of shaft, other side of pd. Veins with arseno. in pillow la
5S	x	x		.03/3.25 at 194 .03/4.5 at 244	NE of shaft
6S	x	x		.15/17' at 377'	NE of shaft in silicified bx zo May be Shaft or #2 Vein extensi
7S	x	x		nil	NE of shaft - pillow lava and diabase.
8S	x	x		nil	NE of shaft.
1	x			.10/1	SW of shaft, other side of dia-base dyke, may be part of Shaft Vein (?).
2	x			nil	
3	x			nil	
4	x				overburden
5	x				overburden
6	x				Overburden
7	x			nil	
8	x		x	.2/6.5 at 35 with VG at 36', .24/2 at 114(Shaft Vn)	NE of shaft, 2nd assay likely Shaft Vein.
9	x		x	.276/1.25 at 194	Undercut of hole 8.
10	x		x	.38/12.5 at 524' .06/5.75 at 334'	- Shaft Vein - No.2 Vein
11	x		x	.09/7.5 at 411'	- Shaft Vein
12	x		x	.45/10.5 at 638'	- No.2 Vein. Diabase occupies Shaft Vein position.
13	on	plan			No assays or geology, only pla Drilled in L.40781, 2 claims S of shaft.
14	on	plan			
15	on	plan			
16	on	plan			
17	on	plan	x	nil	Off property to SW. All QFP.
18	x		x	.097/5 at 804', & .20/11.5 at 879'	- "5" Zone at depth. Sheared, silicified & mineralized lava.
19	x	x		nil	Off property to SW near 17.

- ARGYLL -

MAUDE LAKE GOLD MINE *Borehole Summary*

	Hole No.	Data Source: Section	Log.	Sum.	ASSAY HIGHLIGHTS	COMMENTS
AEGYLL	20	on plan				No data, near 2S.
	21	x				No assays, lava & diabase.
	22	x		x	.24/3.25 at 825', .35/.5 at 1199, & .69/1.22 at 1314'	- Likely is veins within the "5" Zone, at depth.
	23	x		x	.10/2 at 443'	- Likely part of "5" Zone.
	24	x		x	.13/3.5 at 377, .38/1.2 at 810, & 1.0/2.2 at 856'	- All part of the "5" Zone.
	25	x			nil	Just south of & parallel to "5".
	26	x		x	.08/3 at 567', & VG at 937=.01/1.	- Likely part of the "5" Zone(?) but to the south.
	27	x		x	.05/1 at 570 & 573	South of the #2 Vein.
	28	x		x	.20/8.5 at 125.	Vein at diabase ct, likely western extension of "5" Zone.
	29	x			nil	Near 26.
SYLVANITE	SY30	x	x	x	.30/.5 or .05/5.75 at 640'.	Small vein between #2 and "5".
	SY31	x	x	x	.12/2.25 at 258, .08/1.5 at 420, .18/2 at 629, & .06/1 at 657'.	Veins between #2 and "5" Zones.
	SY32	x	x	x	.14/1 at 260, .02/5 at 885 & 905	May be part of the Shaft &/or #2 Veins.
	SY33	x	x	x	.11/4 at141, .23/12.4 at 662(") .09/1.9 at 827(VG)	Shaft Vein was not assayed in the hole(!). No 2 Vein was strong & well mineralized, in pillow lava
	SY34	x	x		.2/1 at168, .12/1 at 250, .48/1.25 at 267, .12/3.3 at 387 (Shaft Vn), .03/2 at 650(No.2)	Several small veins NE of shaft
RIO RUPUNINI	R-36	Waisberg	plan		.17/2 or .05/60 in sludge sample.	Just north of "5" Zone.
	R-37	Waisberg	plan		.17/39'	"5" Zone.
	R-38	Waisberg	plan		.53/1.4' & .11/5'	"5" Zone.
	R-39	Waisberg	plan		.186/5.7	"5" Zone.
	R-40	Waisberg	plan		.21/23.1	"5" Zone.
	R-41	Waisberg	plan		.29/3.1	"5" Zone.

MAUDE LAKE GOLD MINE *Borehole Summary*

Hole No.	Data Source: Section	Log.	Sum.	ASSAY HIGHLIGHTS	COMMENTS
L-1	Waisberg			.10/2.2 at 162	NE of shaft near 6S. Core logged: 200-375=barren pillow bslt.
L-2	Waisberg			nil	NE of shaft on baseline. Core logged:25-225,250-275, 400-425= barren pillow lava and porphyry.
L-3	Waisberg			nil	Core logged:45-350=bslt to pd, 500-525=pd, 550-725=altd bslt.
	Core on-site			.001/5' at560 & 665'.	
L-4	Waisberg			.14/3 at 315 or .06/20 in sludge.	"5" Zone. Core logged: 175-200= diab. 325-350=bslt. 375-400=pd. - in yellow altd lava: "5" Zone.
	Core on-site			.06/10 at 325	
L-5	Waisberg			.09/1.7, .16/2.5 at 170'	"5" Zone. Core logged:100-125, 175-200,300-325, 350-375= all altd lava. 400-500= pillow bslt.
	Core on-site			.135/1 at199', .038/7 at 448'.	
L-6	Waisberg			.31/32.5 at 120.	"5" Zone. Core logged: 60-125 and 150-175= highly altd bslt.
	Core on-site			.026/10 at 85, .343/2 at .23, & .04/5 at 160.	
L-7					No data available. Some highly altd lava seen in core.
L-8	Waisberg			.58/1.2 at 180'.	East end of "5" Zone. Core logged: 100-150=pd, 175-525= wkly altd.bs.
	Core on-site			.007/5 at 175.	
L-9	Waisberg			.14/2 at 268, .18/4.7 at 289.	"5" Zone. Core logged:275-300= highly altd pillow bslt.
	Core on-site			.071/24' at 275.	
L-10	Waisberg			.06/1.8 at 90, .09/3 at 124, .06 /1.4 at 146, .18/ 1.1 at177'.	"5" Zone. Core logged: 53-174= altd pillow lava.
	Core on-site			.041/22.5 at 85. .034/40 at 134.	Iron carbonate & altn increasing down hole.
L-11	Waisberg			.15/3.5 or .13/10 in sludge.at250.	"5" Zone. Core logged:55-125= altd lava, 325-350= basalt.
	Core on-site			.045/4 at 75 & .03/5 at 120.	
L-12	Waisberg				All in peridotite.
L-13	Waisberg			.22/3 at241, & .05/2.5 at272'.	No.2 Vein. Core logged: 95-120, and 435-485=basalt.
L-14	Waisberg			nil	All peridotite.
L-15	Waisberg			nil	Core logged: 360-470=peridotite.
L-16	Waisberg			.1/1.2 and .02/2.2	West end of "5" Zone(?).
L-17	Waisberg			.04/1.5 at274 and 287'	West end of "5" Zone(?). Core logged: 260-305= very wkly altd lava.
	Core on-site			.014/15 at 273'	

LAKE OSO

MAUDE LAKE GOLD MINE — Borehole Summary

Hole No.	GRID COOR East	South	Lehgth ft	ASSAY HIGHLIGHTS	COMMENTS
81-1	10	9.7	222	.113/10 at 79 .108/41 at 144	"5" Zone.
81-2	10	8.9	307	.151/8 at 185 .058/5 at 284	
81-3	9	9.7	222	.212/11 at 78 .105/31 at 140 or	.072/95' at 68'.
81-4	9	8.9	321	.056/59 at 84 .229/5 at 197 .074/5 at 236	
81-5	8	9.4	269	.062/5 at 163 .061/27 at 183	
81-6	8	8.6	400	.085/8.2 at 111 .751/1 at 251	
81-7	7	9.3	260	.059/10 at 146 .139/15.9 at207 .064/16 at 244 or	.055/60 at 200'.
81-8	6	9	253	.084/9.5 at 83 .072/40 at 178 or	.054/75 at 143'.
81-9	11	10	67,70		abandoned in overburden.
	11	10.1	119	.093/6.4 at 70 .145/1.3 at 95	
81-10	9.5	10	197	.063/25 at 71 .070/11.6 at 105	or .053/45.3 at 71'.
81-11	9	10.5	197	trace - .005	
81-12	8.5	10	200	.087/18.5 at 68.5	
81-13	10.5	10	192	.083/5 at 95	
81-14	11	10.4	160	trace - .015	"5" Zone.
81-15	2.73	3.67	556	.035/2.1 at 388 .10/2.5 at 165	Shaft Vein. #2 Vein.
81-16	3.45	4.33	586	.08/2.3 at 497 .92/11 at 270	Shaft Vein. #2 Vein.
81-17	4.18	5.02	756	.015/2.3 at 675 .315/2.6 at 479	Shaft Vein. #2 Vein.
81-18	3.41	2.93	409	.61/1 at 383 trace at 197	Shaft Vein. #2 Vein.
81-19	2.68	2.25	250	.72/1 at 206	Shaft Vein.
81-20	2.09	1.69	320	.098/2.7 at 58	Shaft Vein.
81-21	4.86	4.31	766	.002/1.5 at 630 .005/1 at 403	Shaft Vein. #2 Vein.
81-22	5.57	3.56	720	.07/1 at 631 .405/2.2 at 439	Shaft Vein. #2 Vein.
81-23	0.70	3.14	165	.09/1 at 84	Altd bslt septum in diabase.
81-24	2.75	5.04	377	.282/2.9 at 332	#2 Vein.
81-25	3.43	3.60	145		Abandoned after freeze.

3. DRILL SECTIONS

a) PERCUSSION HOLES - 5 ZONE

b) DIAMOND DRILL HOLES - 5 ZONE

c) SHAFT & 2 VEINS

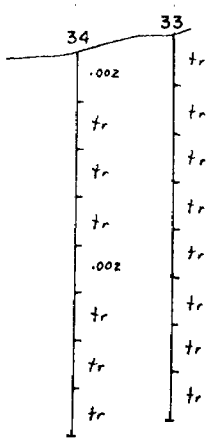
d) HOLE 82-134

e) SALVE LAKE DRILL HOLES

10300E

10400E

Surface
Elev 0'



100' Elev

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 9620 NORTH

SCALE 1" = 20'

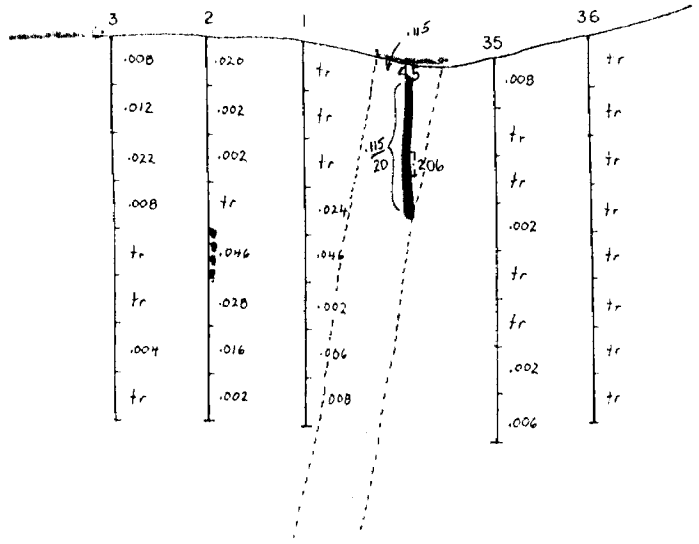
NOVEMBER 1982

10300E

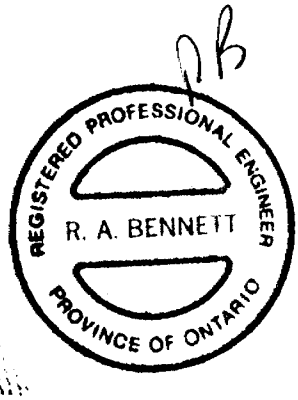
10400E

Surface

Elev 0'



—100' Elev

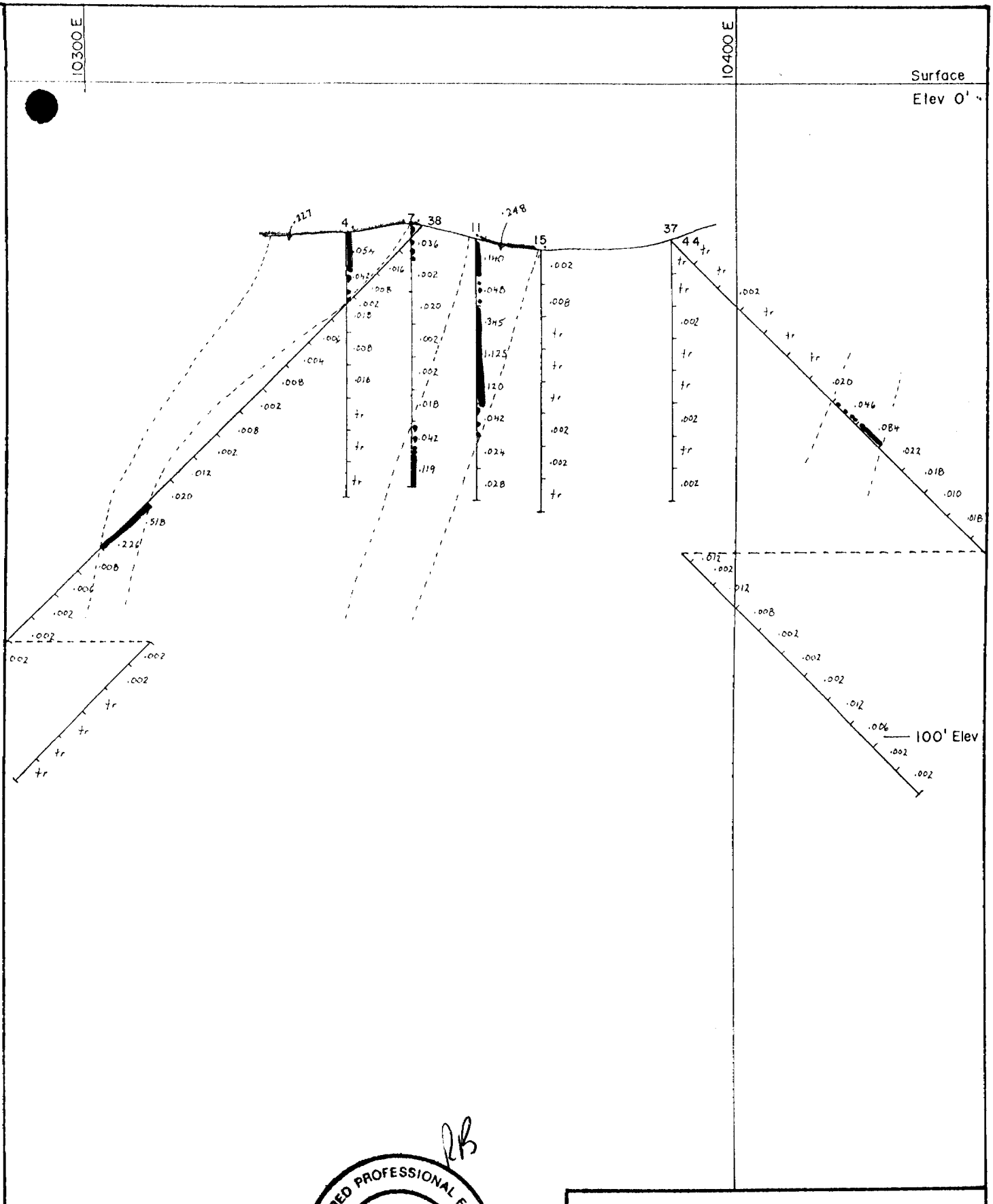


MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 9610 NORTH

SCALE 1" = 20' NOVEMBER 1982



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MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 9600 NORTH

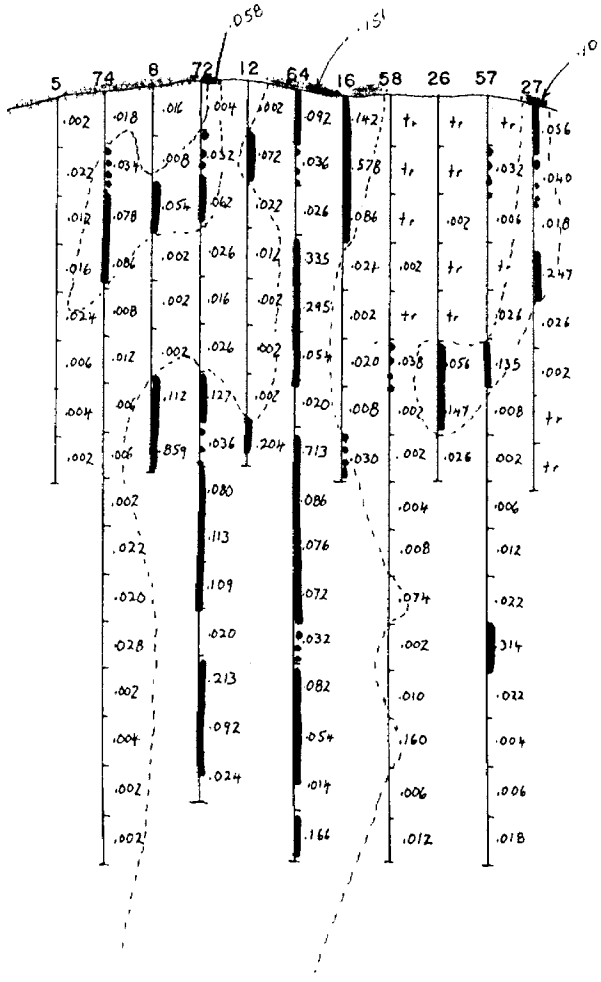
SCALE 1" = 20'

NOVEMBER 1982

10300 E

10400 E

Surface
Elev 0'



100' Elev

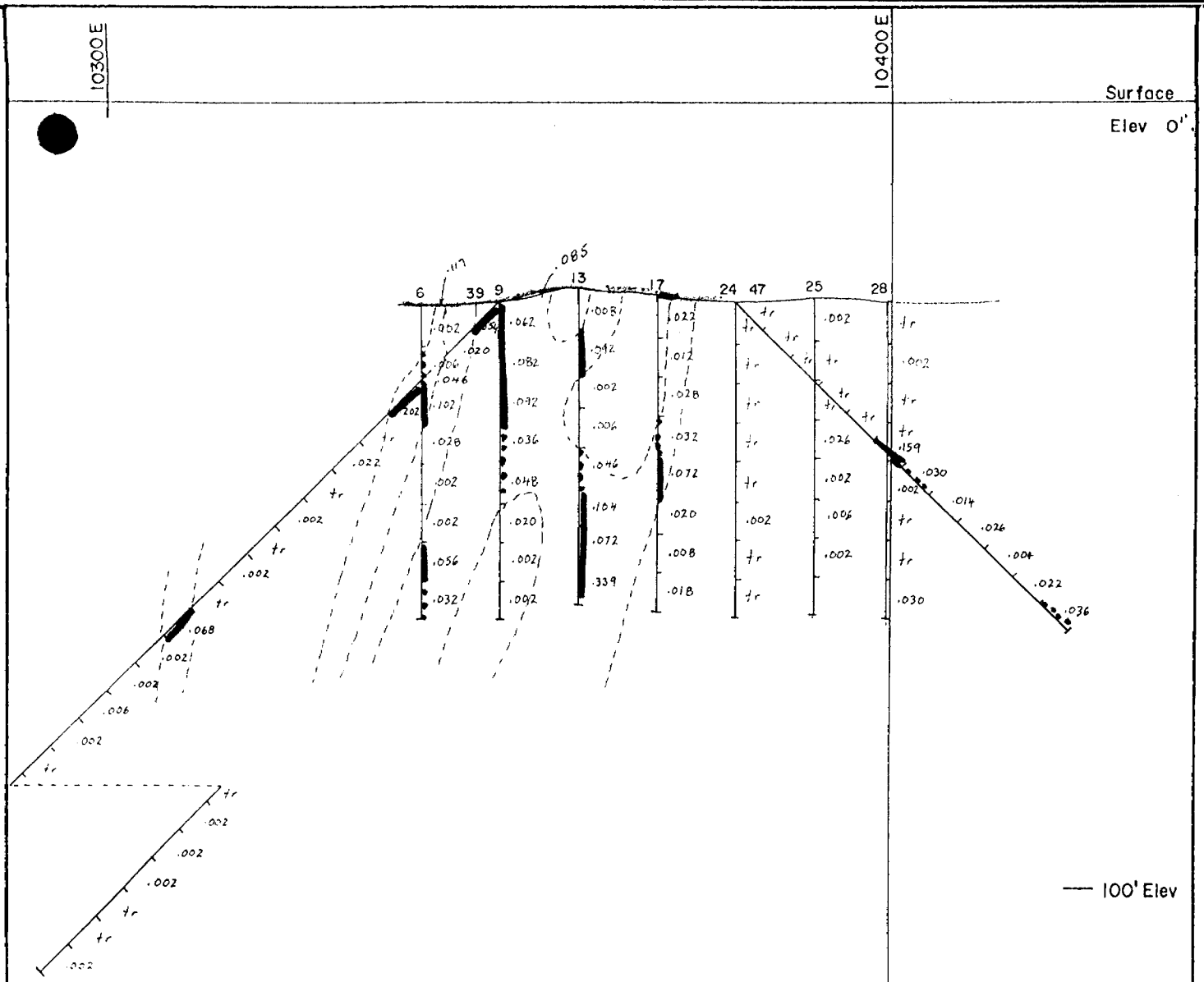
MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 9590 NORTH

SCALE 1" = 20'

NOVEMBER 1982



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R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 9580 NORTH

SCALE 1" = 20'

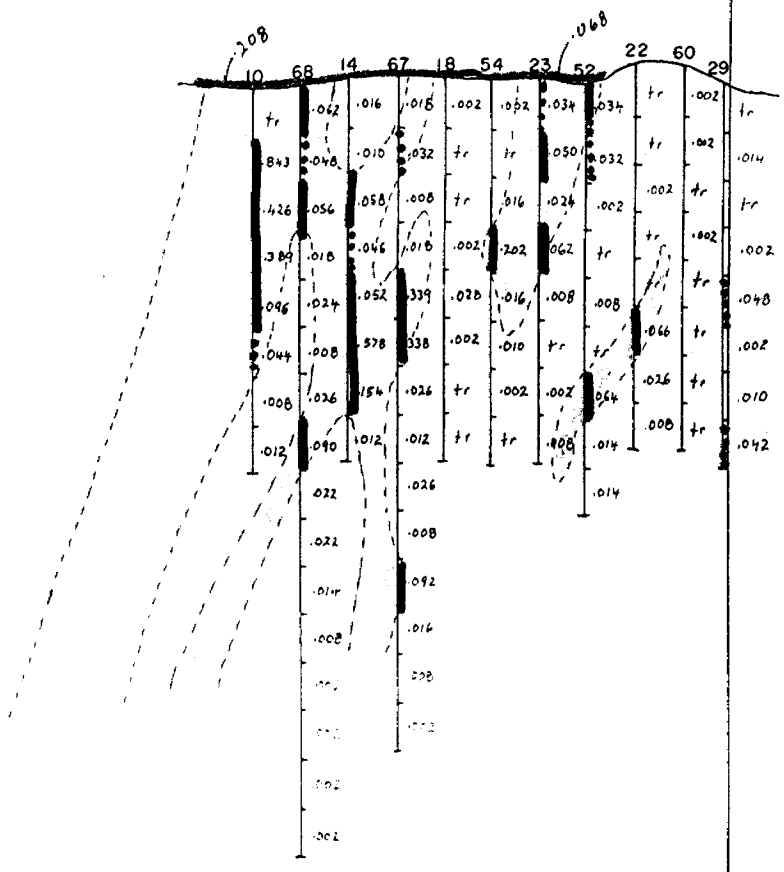
NOVEMBER 1982

10300 E

10400E

Surface

Elev 0"



100' Elev

REGISTERED PROFESSIONAL ENGINEER
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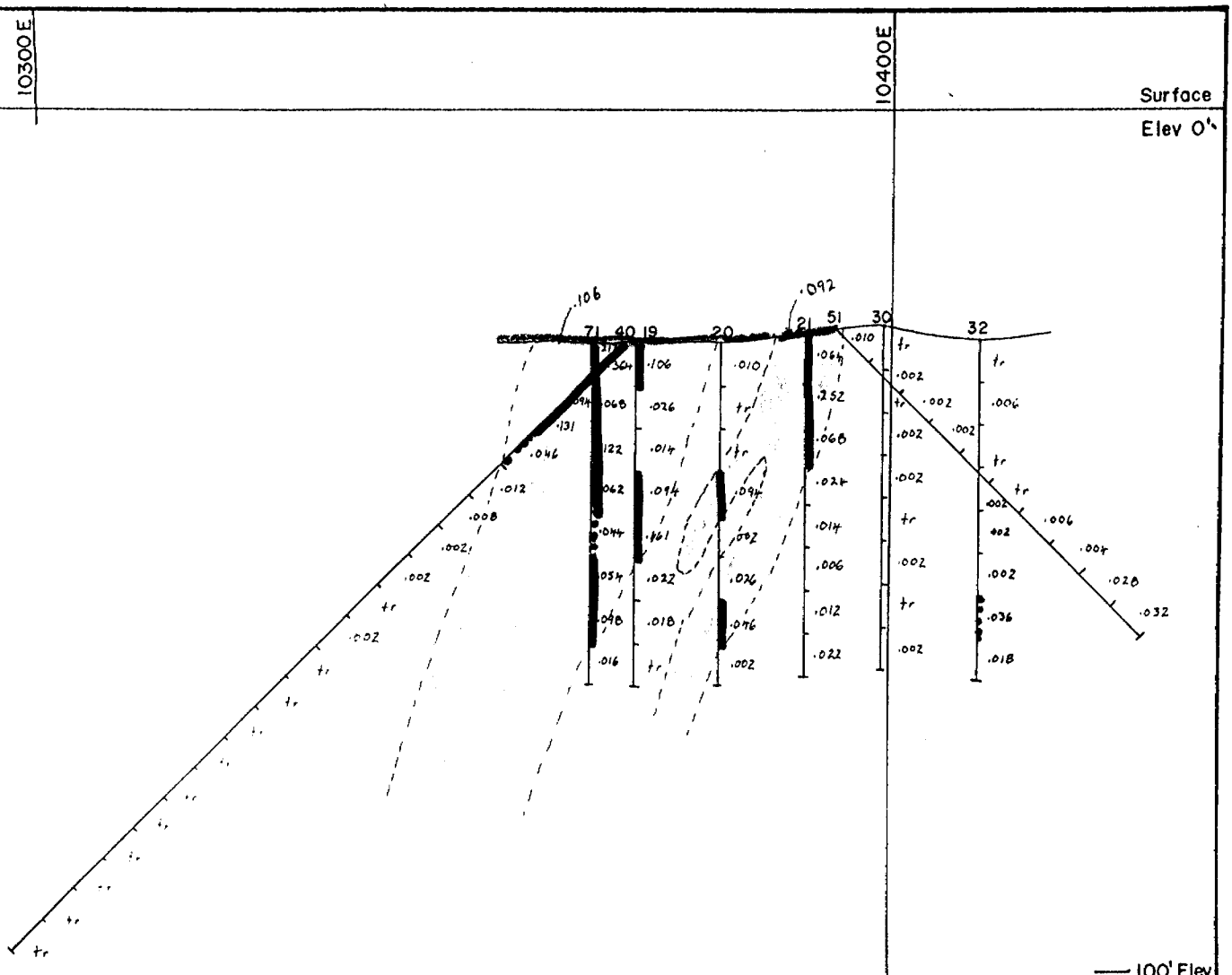
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 9570 NORTH

SCALE 1" = 20' NOVEMBER 1982



REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 9560 NORTH

SCALE 1" = 20'

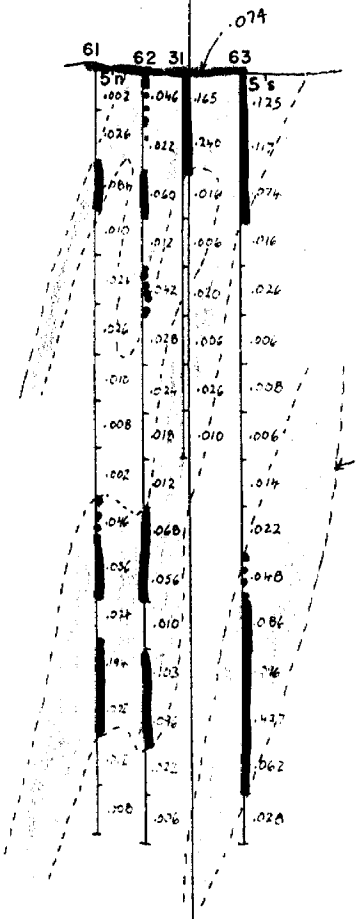
NOVEMBER . 1982

10300E

10400E

Surface

Elev 0'



REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

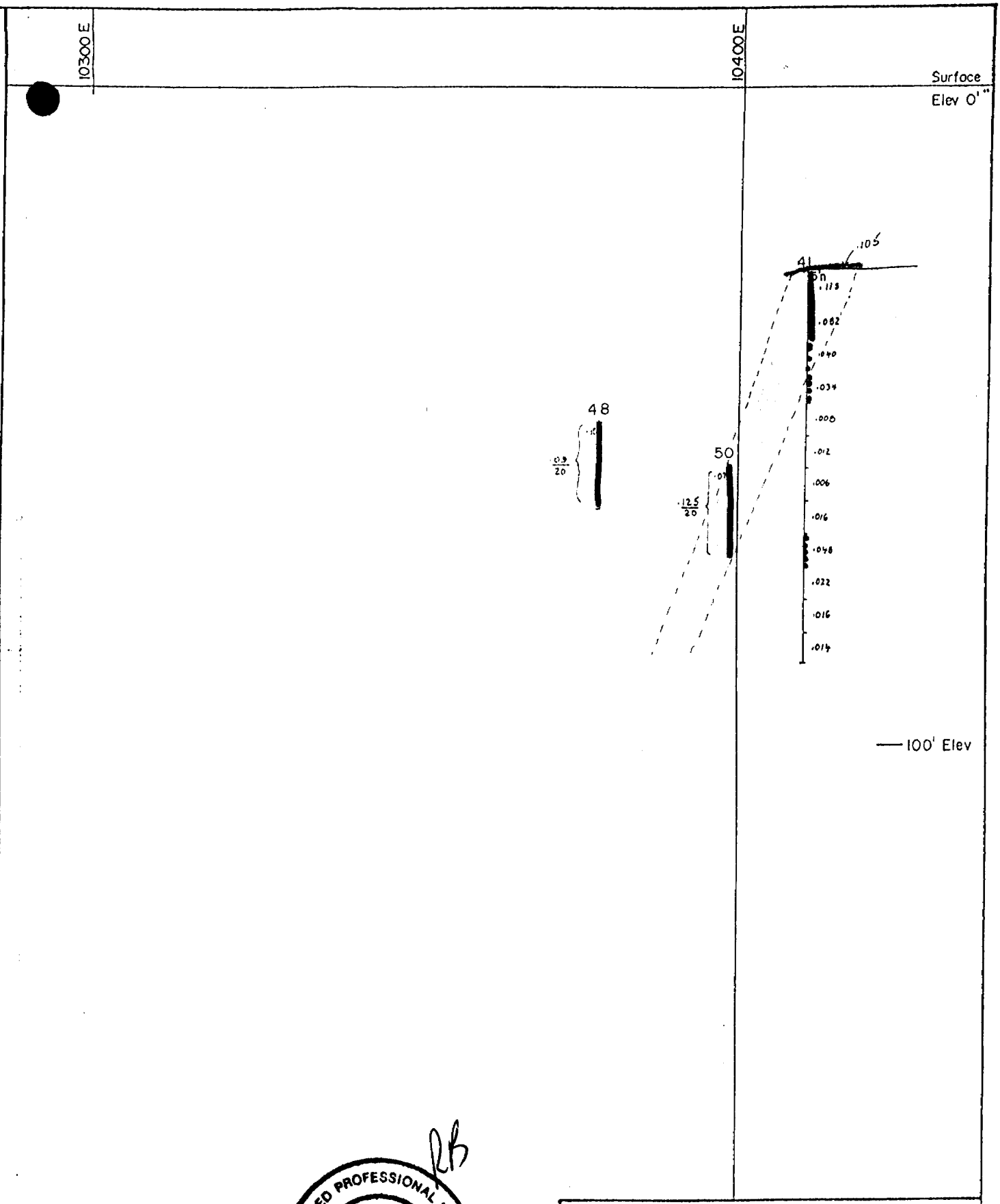
MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 9550 NORTH

SCALE 1" = 20'

NOVEMBER 1982



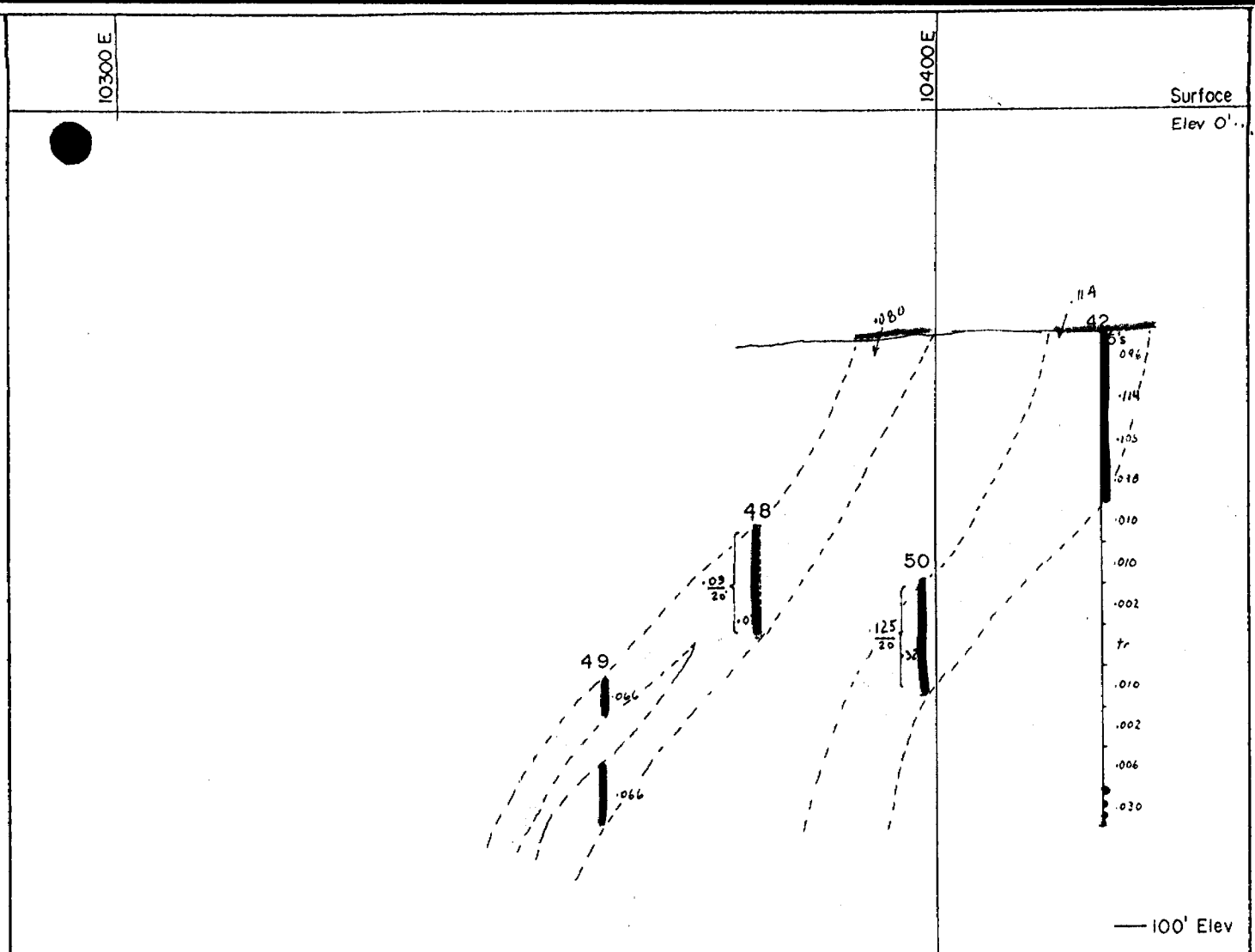
REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 9540 NORTH

SCALE 1" = 20' NOVEMBER 1982



REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

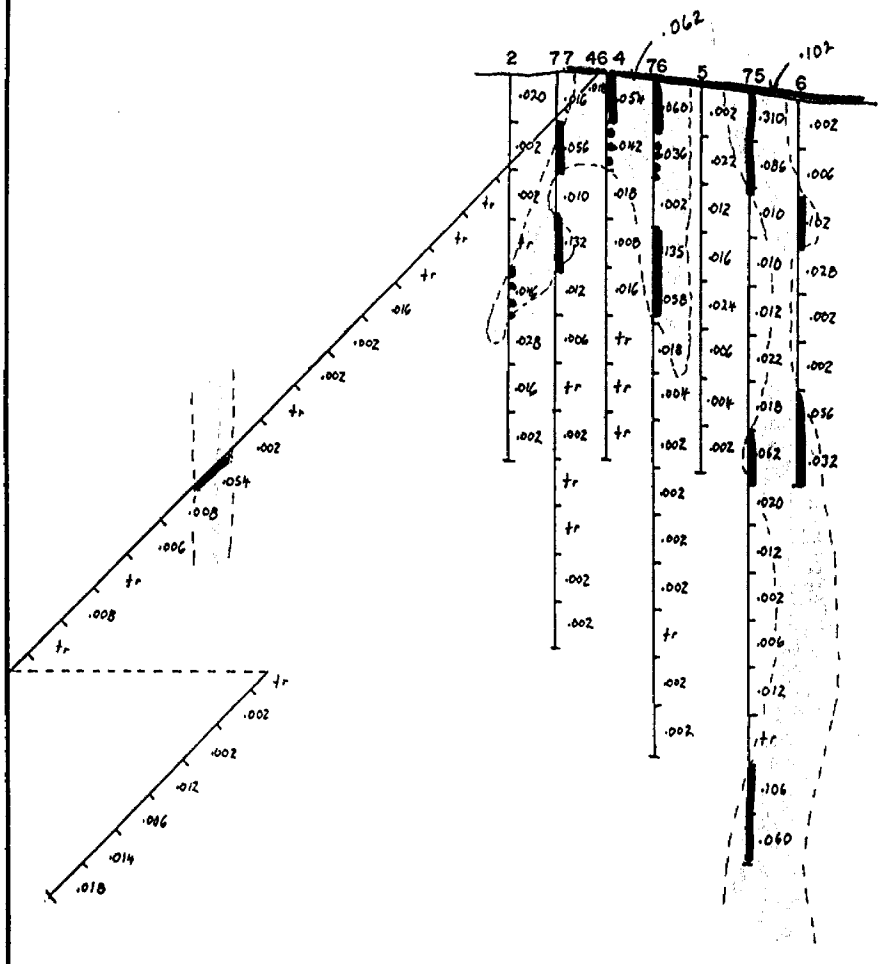
1982 PERCUSSION DRILLING

SECTION 9530 NORTH

SCALE 1" = 20' NOVEMBER 1982

9550N

Surface
Elev 0'



REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

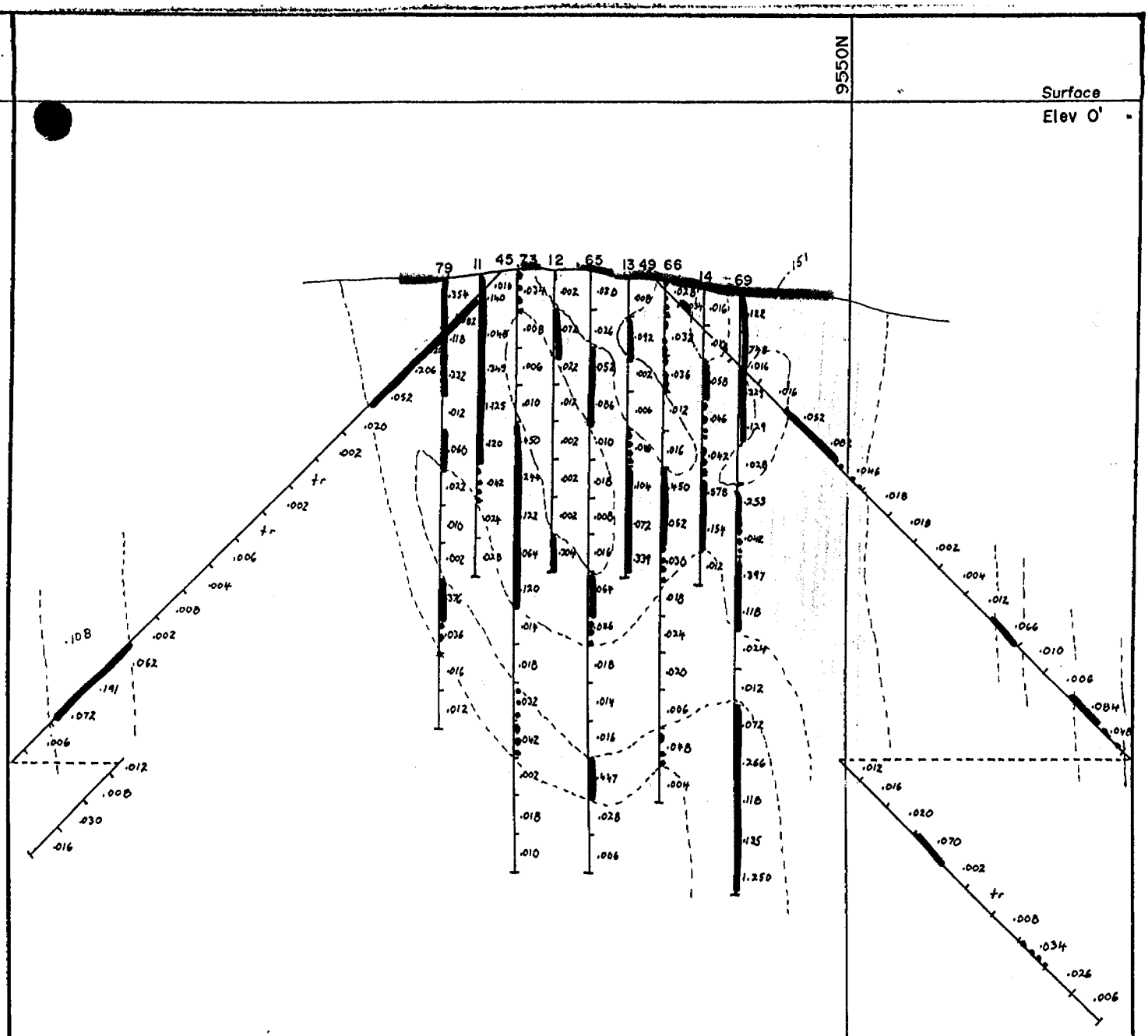
MAUDE LAKE GOLD MINE LIMITED

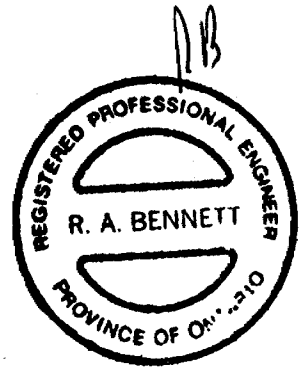
1982 PERCUSSION DRILLING

SECTION 10340 EAST

SCALE 1" = 20'

NOVEMBER 1982





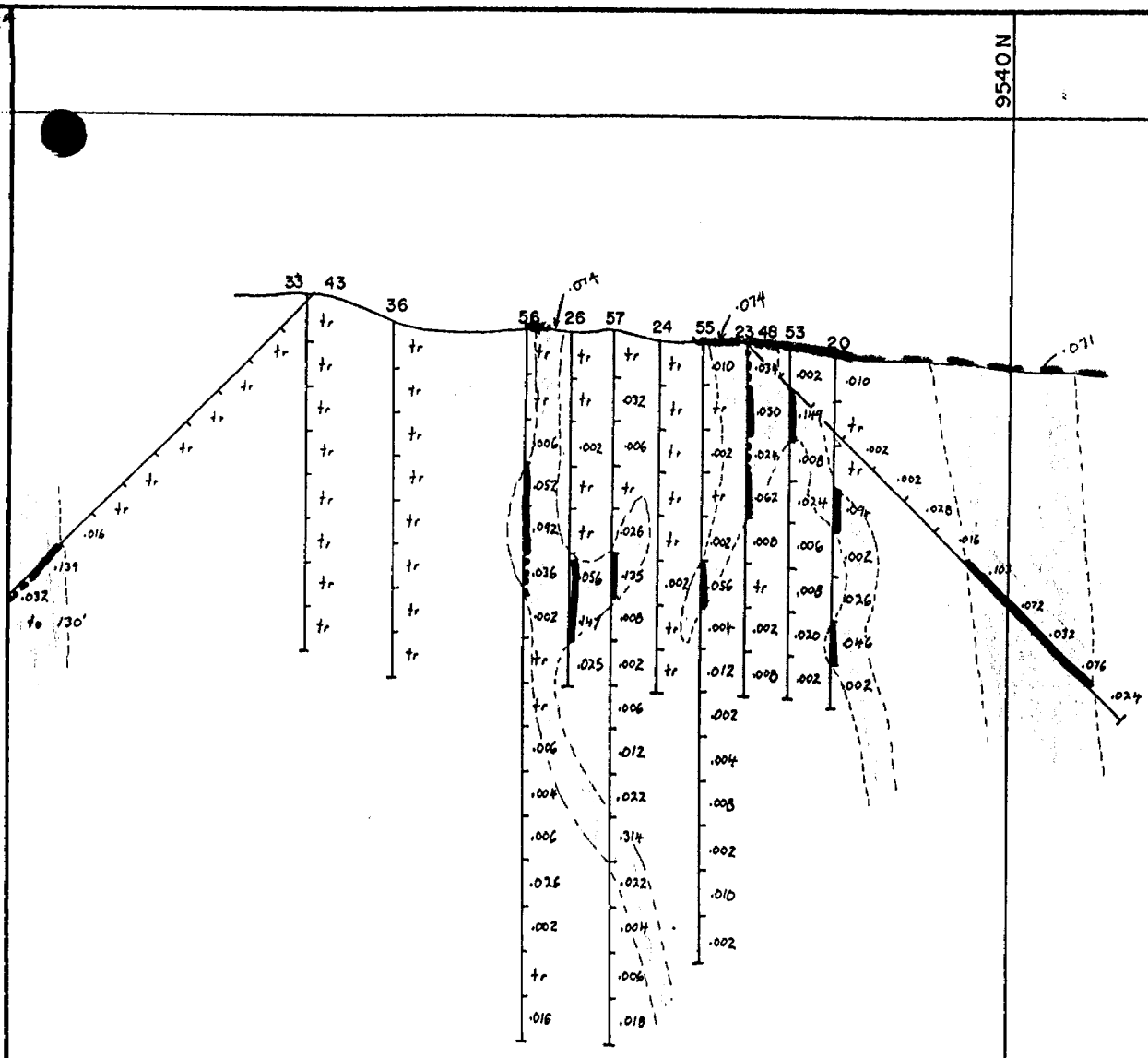
MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 10360 EAST

SCALE 1" = 20'

NOVEMBER 1982



REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

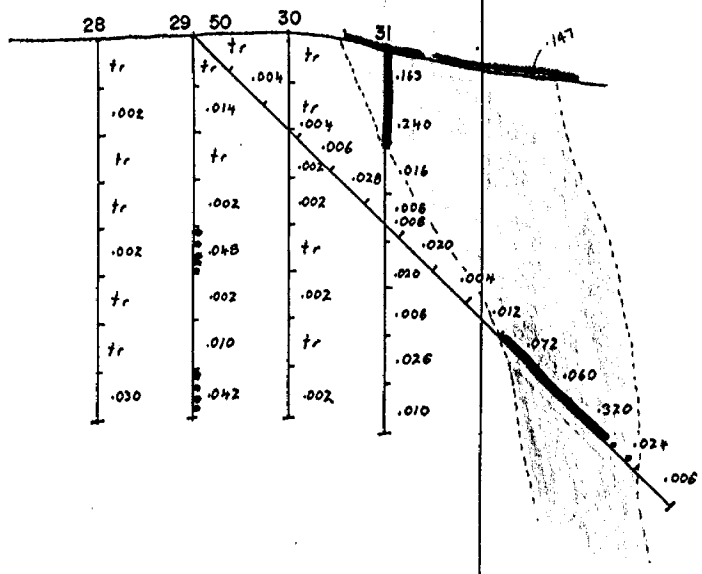
1982 PERCUSSION DRILLING

SECTION 10380 EAST

SCALE 1" = 20' NOVEMBER 1982

9540 N

Surface
Elev 0'.



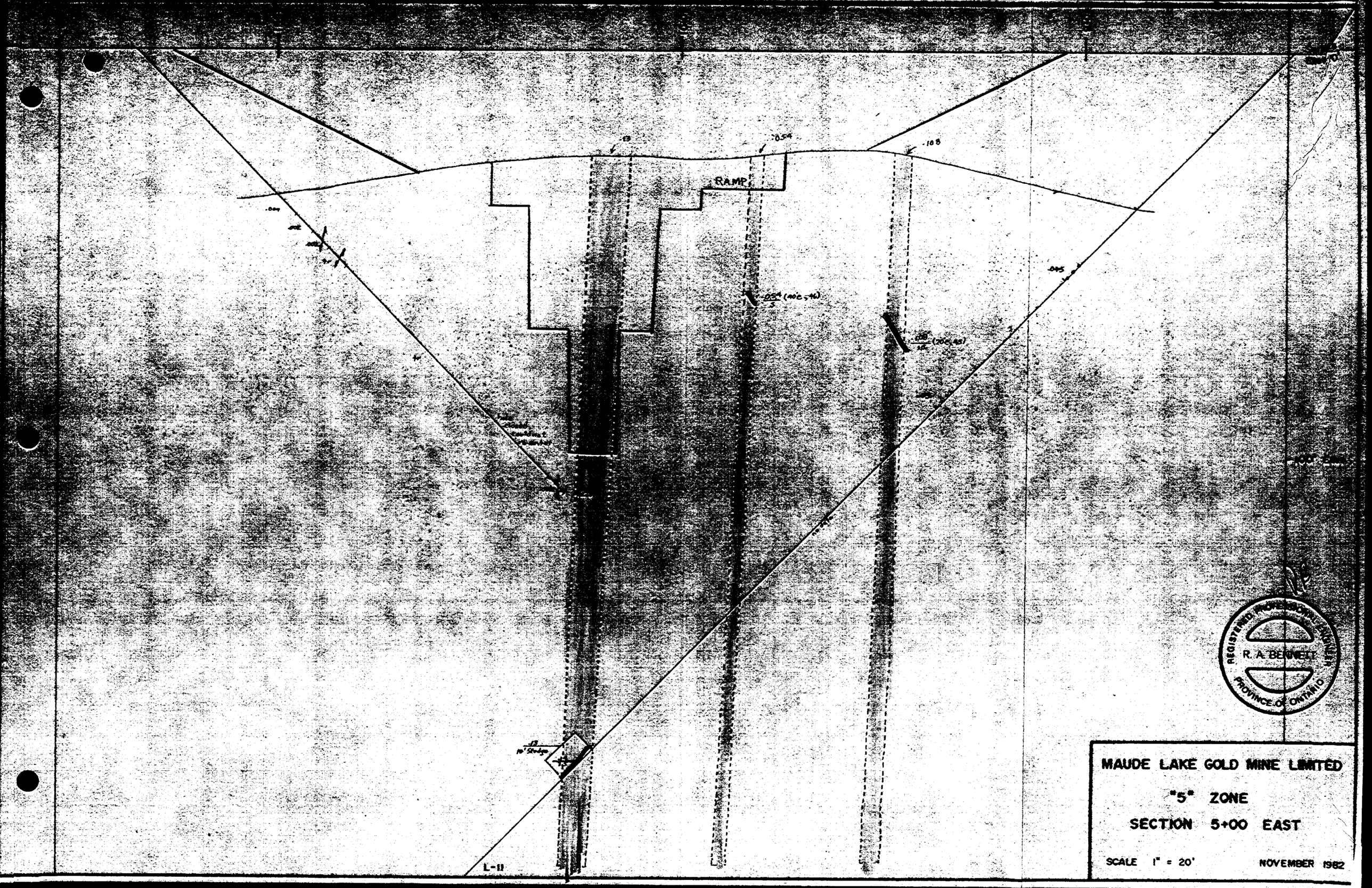
REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

1982 PERCUSSION DRILLING

SECTION 10400 EAST

SCALE 1" = 20' NOVEMBER 1982



REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

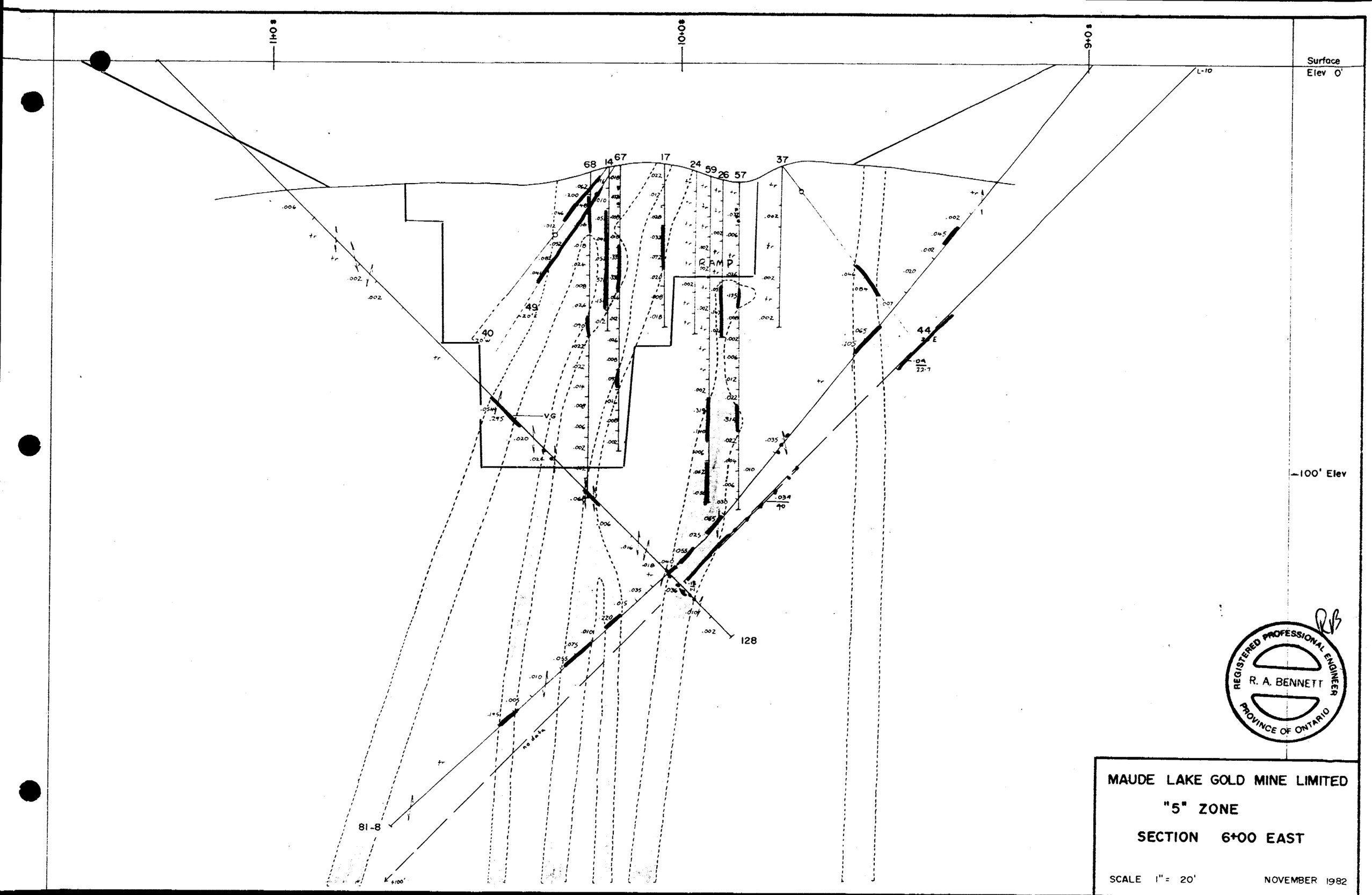
MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 5+00 EAST

SCALE 1" = 20'

NOVEMBER 1982



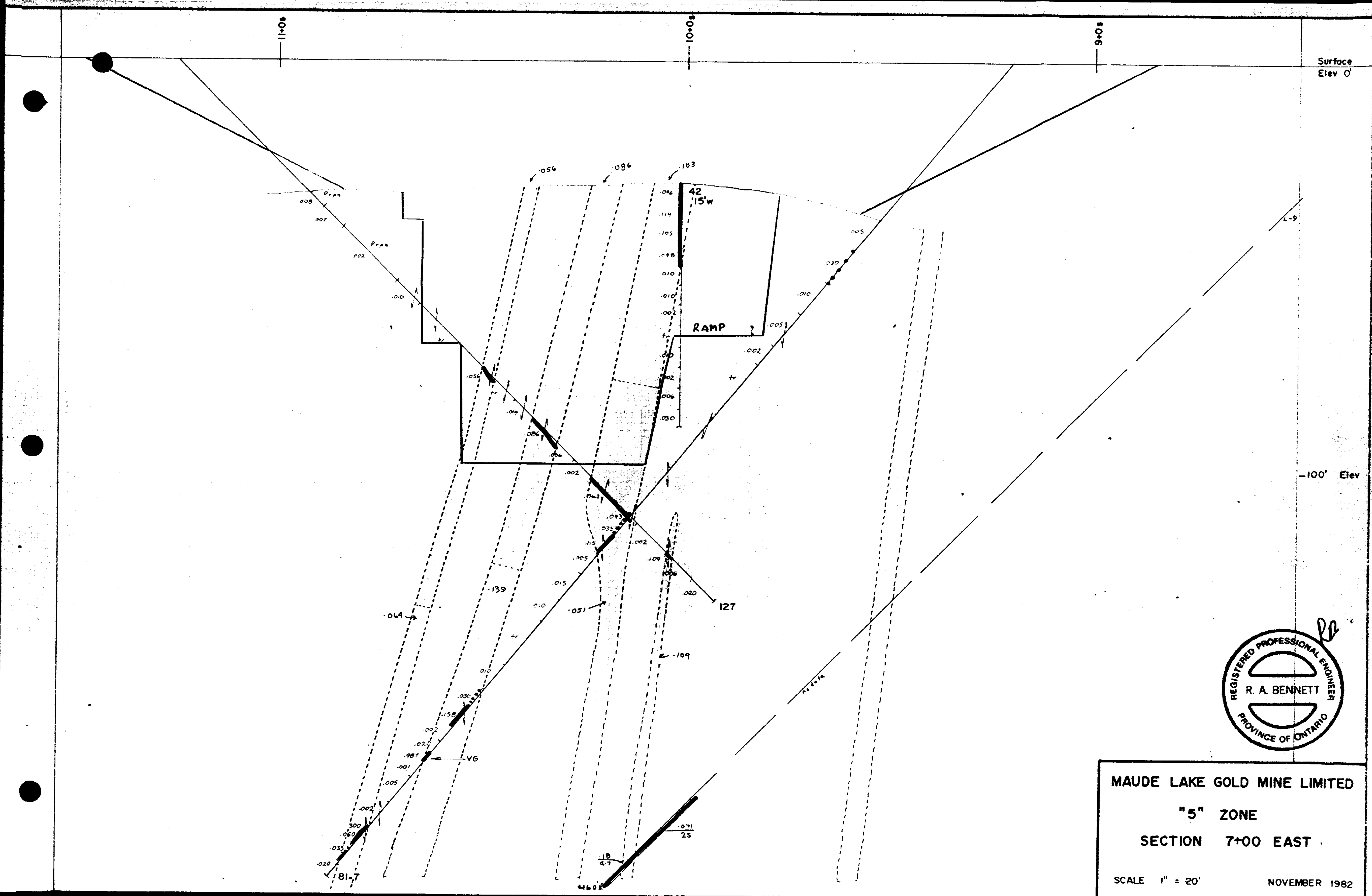
REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 6+00 EAST

SCALE 1" = 20' NOVEMBER 1982



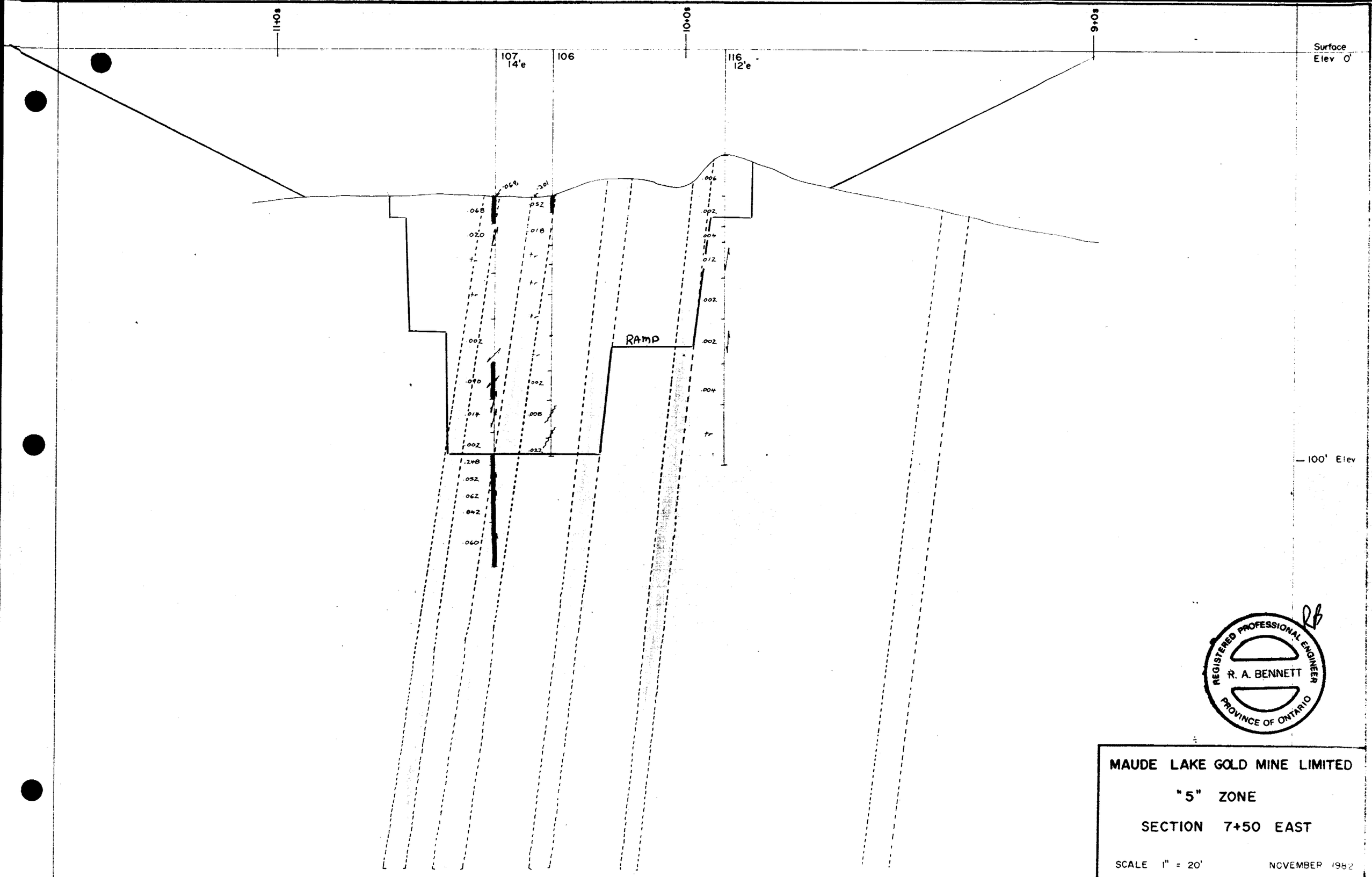
MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 7+00 EAST

SCALE 1" = 20'

NOVEMBER 1982



REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

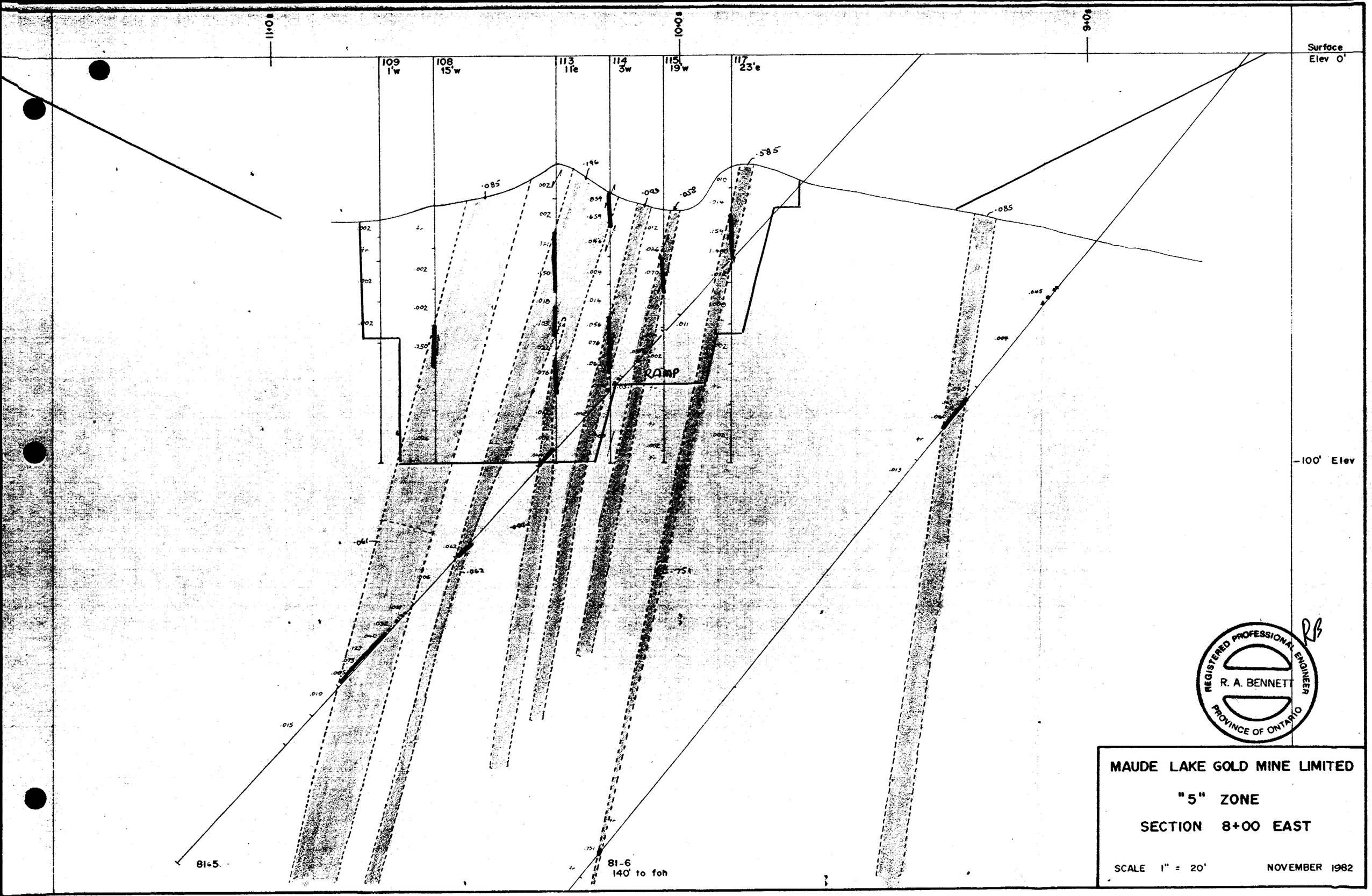
MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 7+50 EAST

SCALE 1" = 20'

NOVEMBER 1982



REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 8+00 EAST

SCALE 1" = 20'

NOVEMBER 1982

11+00E

10+00E

9+00E

Surface
Elev 0'

110
6'e

111
9'w

112
24'w

120
18'e

119
3'e

118
11w

.132

.078

.086

.062

VG

RAMP

-100' Elev

81-12

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

RB

MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 8+50 EAST

SCALE 1" = 20'

NOVEMBER 1982

11+00

10+00

9+00

Surface
Elev 0'

122
11'e

121
3'w

82
24'e

81
9'e

80
5'w

124
8'e

95
21'e

96
6'e

97
8'w

-100' Elev

RAMP

Prph

Prph

Prdt

Pyrite

Diabase

81-11

Diabase

81-3

Diabase

Diabase

81-4

20 @ 630
11.5
in 18

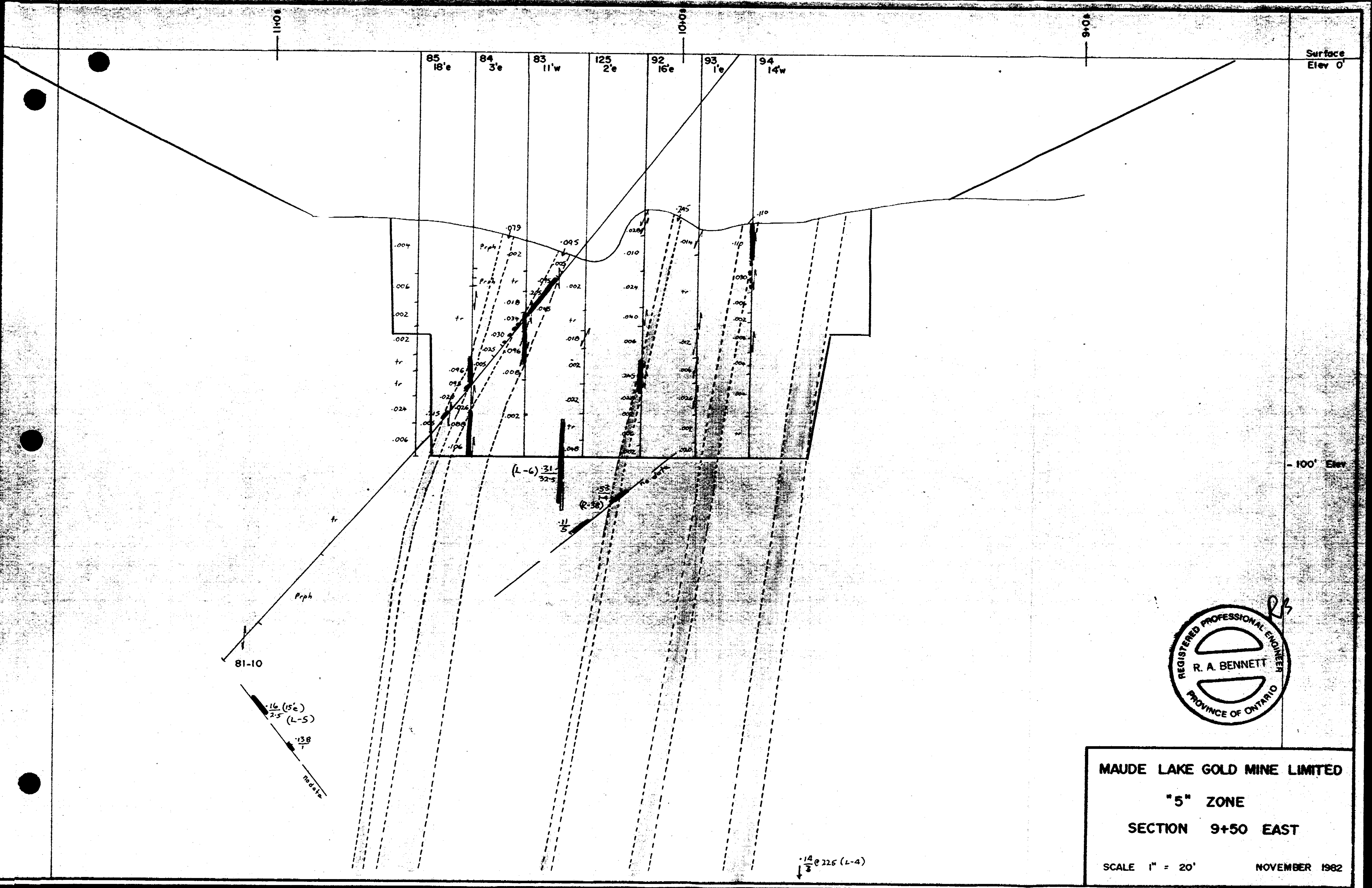
MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 9+00 EAST

SCALE 1" = 20'

NOVEMBER 1982



MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 9+50 EAST

SCALE 1" = 20'

NOVEMBER 1982

11+00 E

10+00 E

9+00 E

Surface
Elev 0'

-100' Elev.

86
16'w

89
11'e

90
4'w

91
19'w

98
23'e

Prph

Prdt

Pyrite

VG

81-1

81-2

1-01 / 2-2, @ 600' (± 24)

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 10+00 EAST

SCALE 1" = 20'

NOVEMBER 1982

1+00S

10+00S

9+00S

Surface
Elev 0'

87
10'w

88
25'w

101
17'e

100
2'e

99
13'w

-100' Elev

Prph
81-13

(20'w) 186/57
in R-39

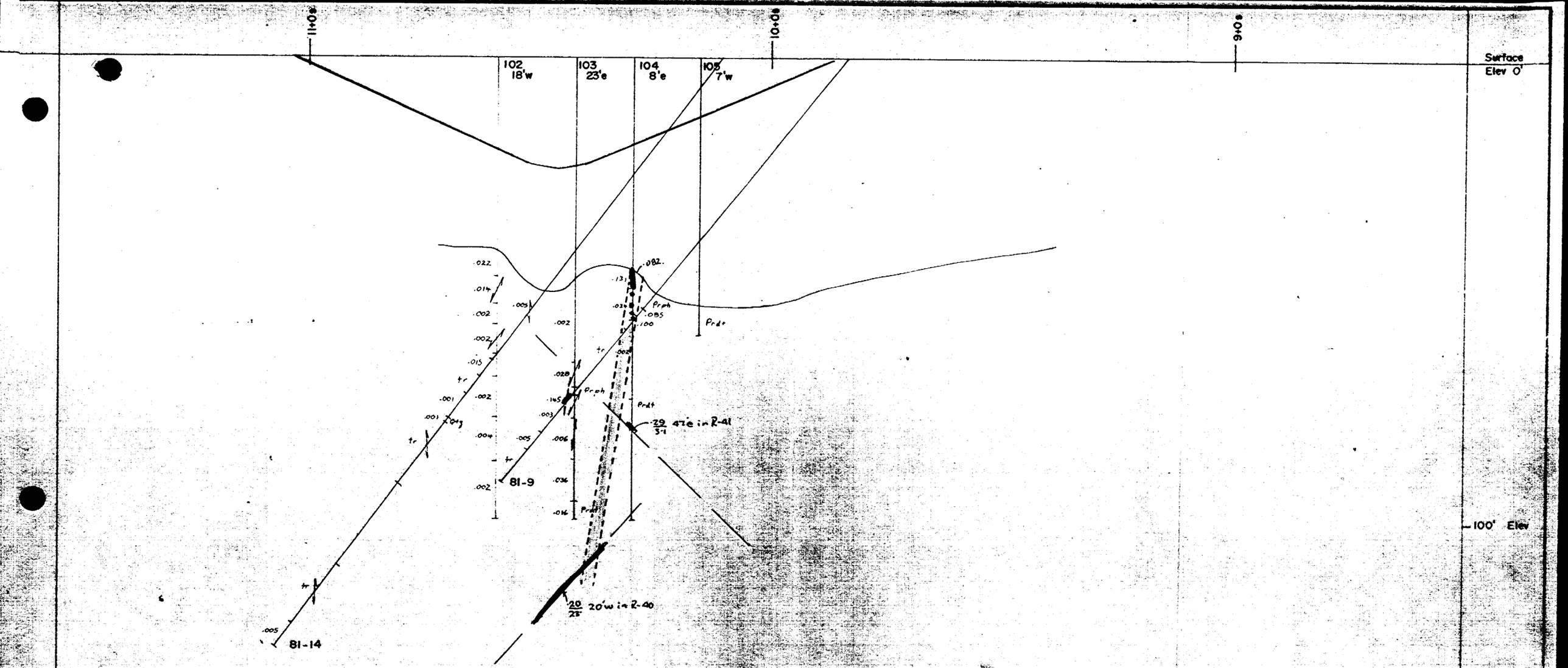
MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 10+50 EAST

SCALE 1" = 20'

NOVEMBER 1982



R. A. BENNETT
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

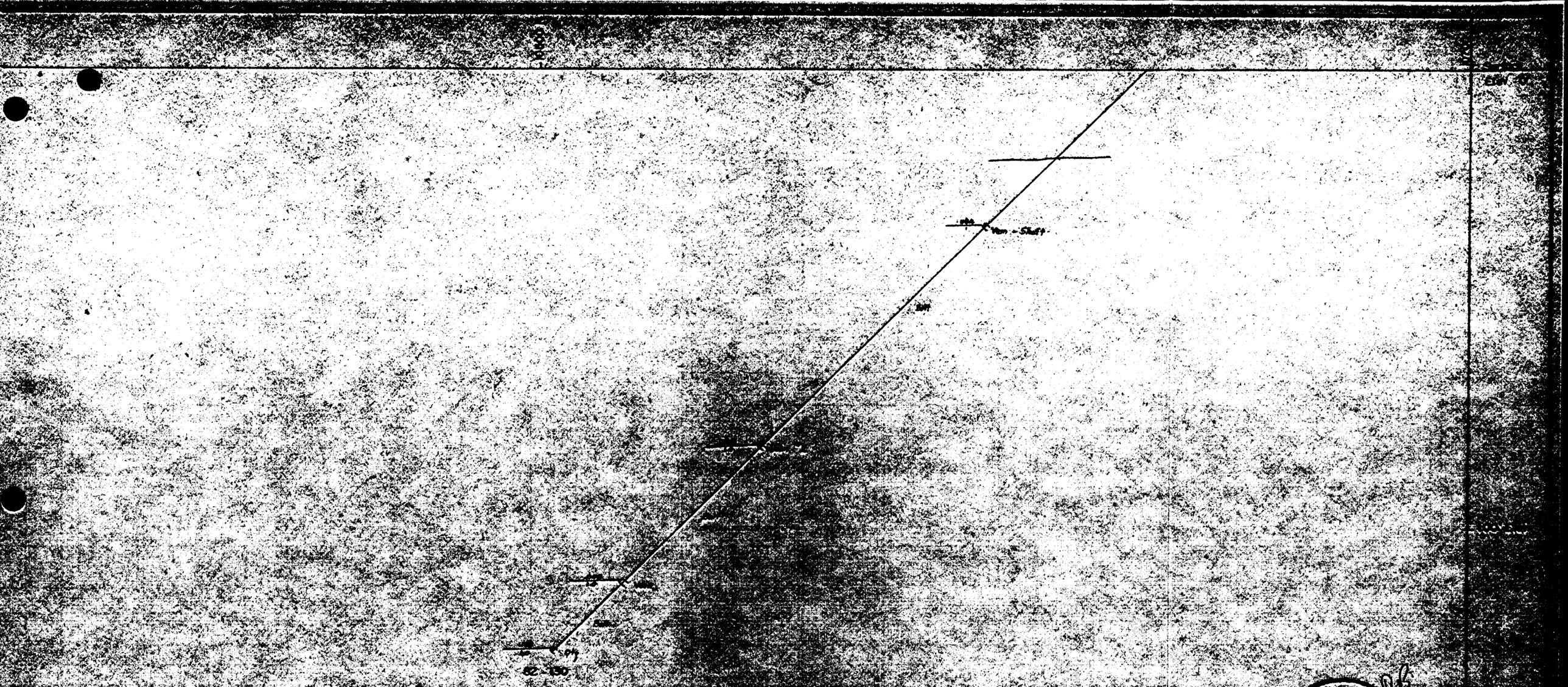
RB

MAUDE LAKE GOLD MINE LIMITED

"5" ZONE

SECTION 11+00 EAST

SCALE 1" = 20' NOVEMBER 1982



REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

SHAFT VEIN AREA

SECTION 10,250 EAST

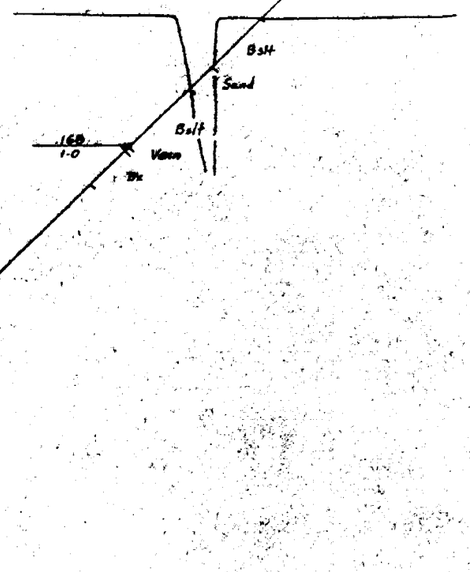
SCALE 1" = 20'

NOVEMBER

N 10000

N 10200

Surface
Elev 0'



100' Elev

RB

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

SHAFT VEIN AREA

SECTION 10,200 EAST

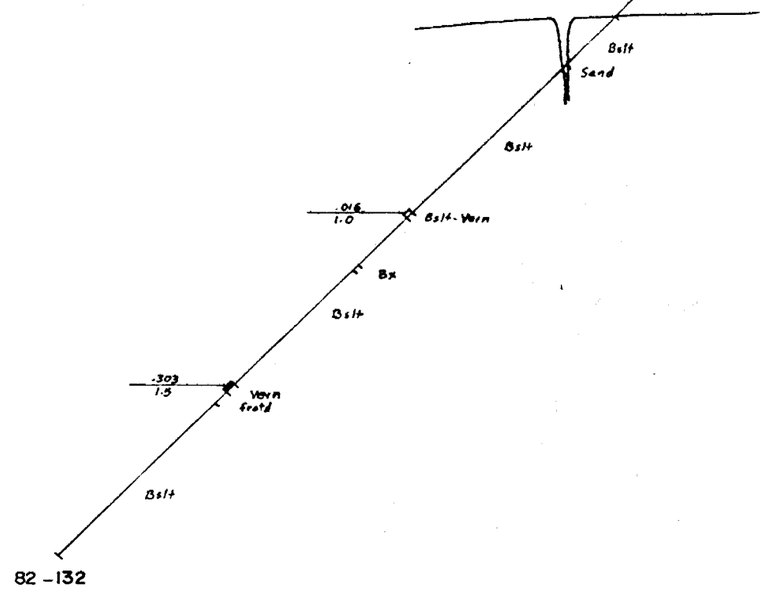
SCALE 1" = 20'

NOVEMBER 1982

10500 N

10700 N

Surface
Elev 0'



100' Elev

R.B.

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

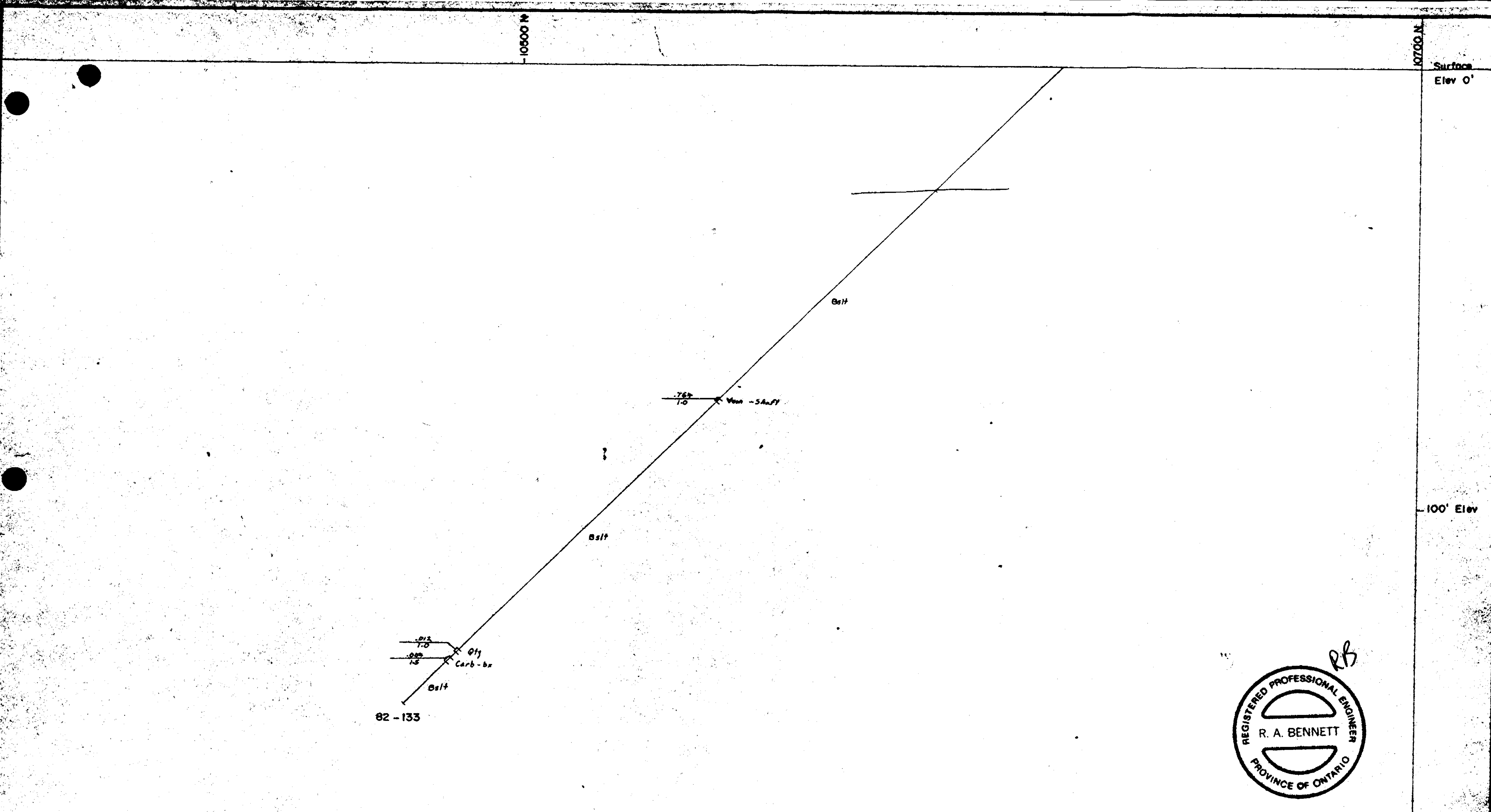
MAUDE LAKE GOLD MINE LIMITED

SHAFT VEIN AREA

SECTION 10,150 EAST

SCALE 1" = 20'

NOVEMBER 1982



MAUDE LAKE GOLD MINE LIMITED

SHAFT VEIN AREA

SECTION 10,100 EAST

SCALE 1" = 20' NOVEMBER 1982

14 West at 11 North

Surface
Elev. 0'

gab

82-134

100 Elev

MAUDE LAKE GOLD MINE LIMITED

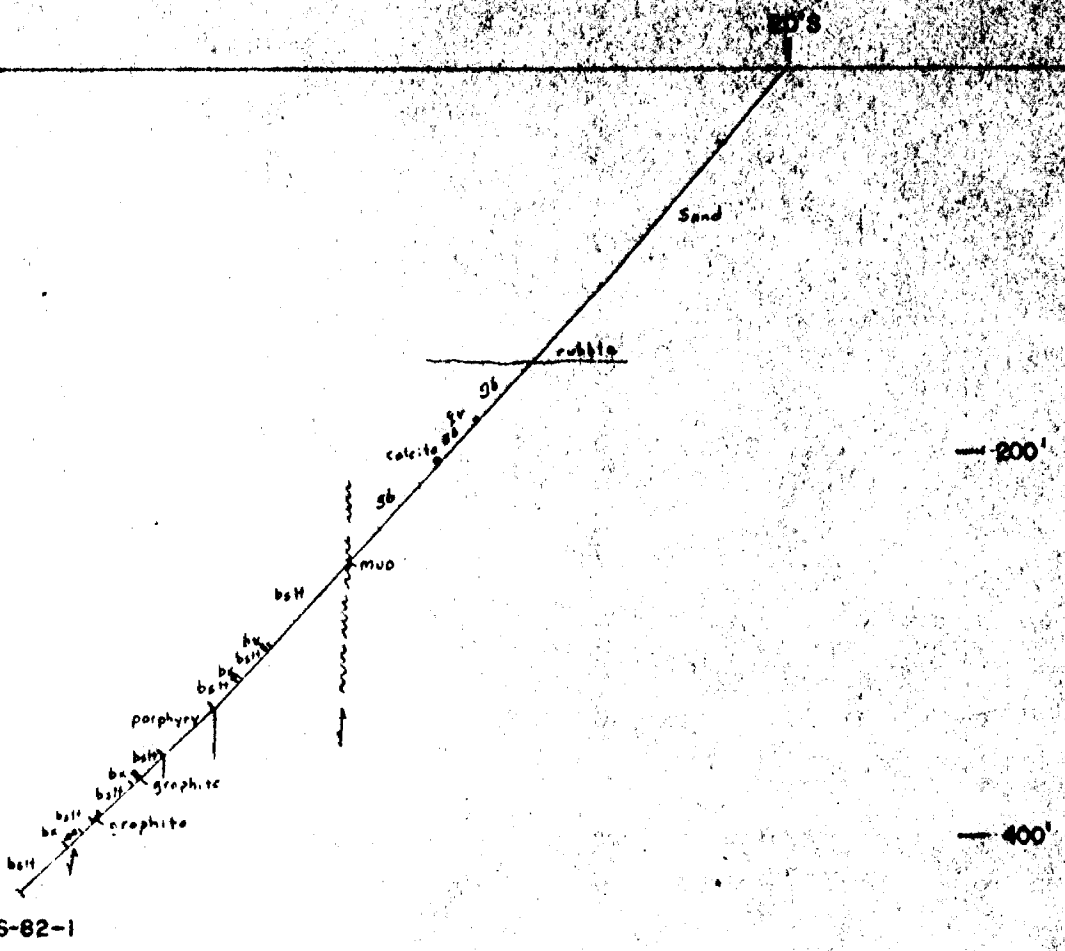
MAIN GROUP

OFF-SECTION 14 WEST

NE LOOKING AZ-315

SCALE 1" = 20'

NOVEMBER 1982



R. A. BENNETT
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

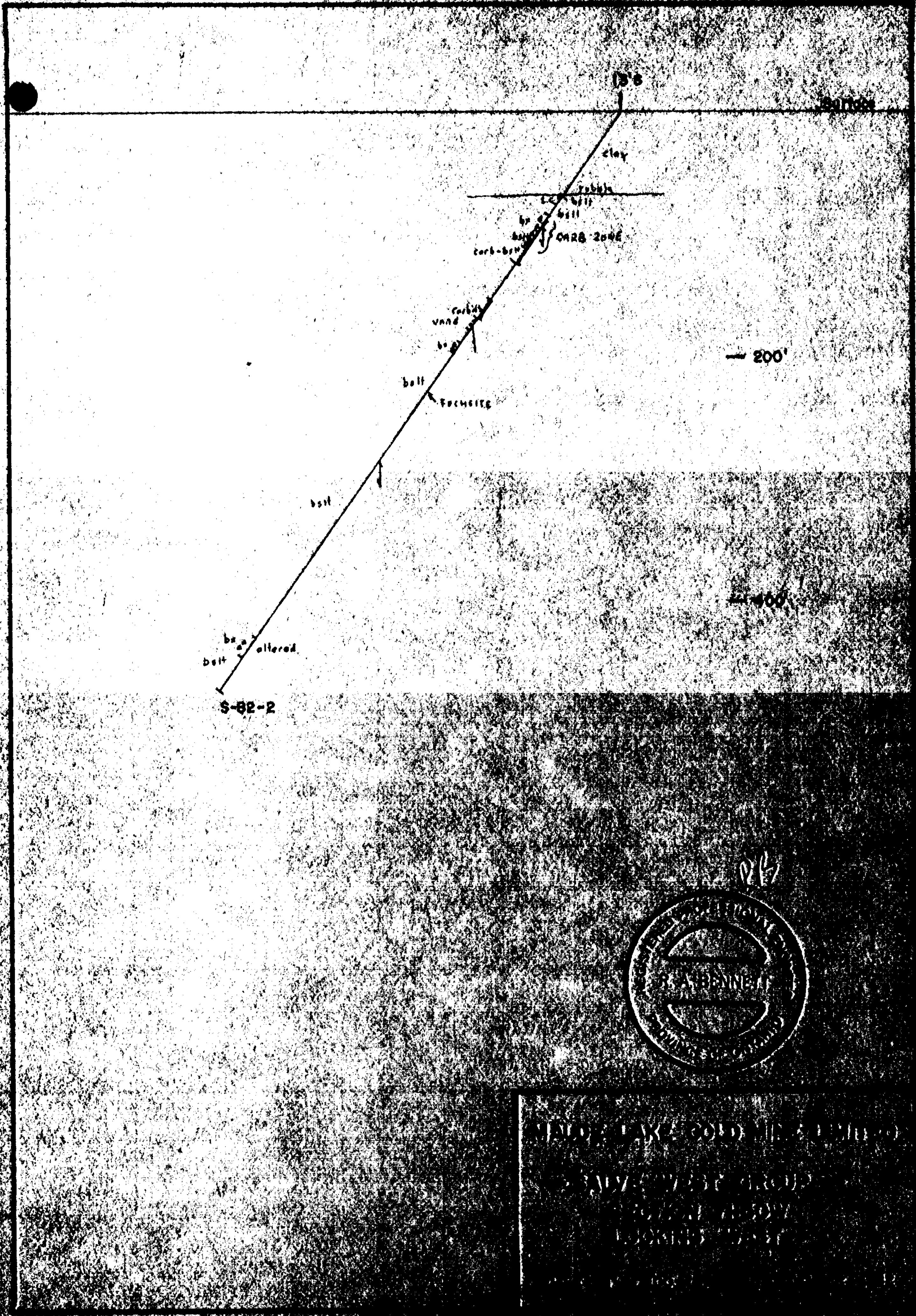
MAUDE LAKE GOLD MINE LIMITED

SALVE WEST GROUP

SECTION 40 W

LOOKING WSW

SCALE 1" = 100' DECEMBER 1988



Surface
clay
rubble
ORE ZONE
fuchsite
bslt
altered
200'
400'
S-82-2

4. DIAMOND DRILL HOLE LOGS

MAUDE LAKE GOLD MINE LTD. BOREHOLE No 82-80

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 10/06/82	Drilled by:
RAB HB JM	SURF		-90	9380N 10560E	Finish: 10/06/82	H & S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
		OB / Rubble gravel	42.0		OVERBURDEN - CLAY
			45.0	Rubble	likely boulders &/or rotten bedrock
44696	.003 / 6.5			BSLT TG	shrd, fg bxtd to shrd, mod altd with blk chert patche in pillow rinds, thin qtz-carb vns
			50.4 / 51.5	BSLT TG	mass mody carb'd, fuch fract filling
44697 2 bags	.004 / 9.0			BSLT TY	wkly bxtd-fract nmrs carb vnlts & bx fill, mn qtz-pill vnlts w. 5% py mnr fuch-beady in rinds <1% py in grad lower cntc
			62.5		
44698 2 bags	.002 / 10.0			BSLT TY	as above
			72.5		
44699 2 bags	tr / 10.0			BSLT TG	with G, & few ty patches, wkly fract'd to loc with carb fill, <1% py, few pill rinds w 5%, few qtz vnlts & carb fract fills grad to G.
			82.5		
44700	tr / 6.5			BSLT TG	as above
			89.0		
44701	tr / 7.0			BSLT G1	wkly fract, 1-2% py in fract & rock, ca. w. minor fract fill 50-70°
			96.0		
44702	tr / 4.0			BSLT TY	wkly fracts
			100.0		End of hole

feet

MAUDE LAKE GOLD MINE LTD. BOREHOLE No 82-81

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 10/06/82 Finish: 10/06/82	Drilled by
JM HB	Surf		-90	9360N 10560E		H & S

Twp:	Claim	Dip Test	Comments:
Beatty	L 4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			42.0	OB	Overburden
			44.0	Rubble	Prob basal till
44703	.026 / 6.0		50.0	BSLT T-T6	mod fretd & altd w blk chrt pill fill, gy carb fret fill, py, 1" gy qtz vn w fuch & py @ 46.0, 1/4" qtz-carb @ 13° @ ... loc bx zn w carb-py whit qtz vn @ 56' 0°n
44704	.018 / 8.0		58.0	BSLT T-T6	AS ABOVE
44705	.24 / 5.0		63.0	BSLT 62	Stgly fract to bxtd w gy qtz fill & 2-5% py carb vnlts @ 30°-90° TCA
2 bags 44706	.062 / 10.0		73.0	BSLT-T6	mod frtd to loc bxtd occ ptch fuch, 1/2" qtz vn @ 15-20° w mnr fuch & py @ 67.0, 1/2" qtz vn @ 20° w/ spks sph, gal & [redacted] (s spks) @ 71.2
2 bags 44707	.006 / 10.0		83.0	Bslt T	wkly fretd, pillow rinds with 5% py, 1/4" qtz @ 45° @ 77.2, 1/4" qtz @ 25° @ 80.2
44708	.012 / 7.6		90.6	BSLT T	mod to wkly frat, pillow rinds with 3-5%
2 bags 44709	.010 .018 / 9.4		100.0	BSLT T-T7	nmrs lrg qtz fract occ patch fuch 92.3 - 1/2" @ 90 93.9 - 1" @ 60, 94.1 - 1 1/2" @ 90, 94.4 - 94.7 - 1/2" @ 60° 95.1 1/2" @ 90 95.3 - 3/8" @ 90, 96.0 / 96.2 1/2" @ 90, 97.2 - 1/2" @ 70, 97.7 1/2 @ 60, 99-100 1/4" qtz leader @ 10° with 5% py
2 bags 44710	.018 / 11.5		111.5	Bslt T	wkly fotd occ to occ pillow rind with mnr py fuch patch 101.0 - 2" qtz @ 90, 102.6 1/2" qtz 104.6 1/2-1" qtz leader @ 20 106.0 - 1/2" qtz lead. with occ spks sph
44711	.062 / 8.5		120.0	BSLT T	wkly fract with occ pillow rind with 5 Foot of Hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No 82-8

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start / Finish	Drilled by
JM, HB, RB	SURF		-90	9340N, 10560E	Start: 10/06/82 Finish: 10/06/82	H&S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			52.0	O.B	
44712	.014 / 8.0		60.0	BSLT-TG	Mod fract surl qtz-carb vns 22-35° @ 54. ¼ qtz vn @ 56.0 : 1-3% py, 1' carb vn 58.8
44713	.002 / 6.0		66.0	BSLT TG	as above 3" qtz-carb mnr fuch @ 65.0' @ 5.
44714	.008 / 6.0		72.0	BSLT-Grey	fresh bslt-bx filled with wht carb fresh frag 1
44715	.010 / 6.0		78.0	BSLT-TG	Several qtz-carb leads vns @ 20° @ 72-74', mn sph @ qtz carb vn ¼" @ 78' pillowed
44716	.002 / 7.0		85.0	BSLT TG	wkly fract pillowed few qtz carb vns, blk cher wkly fract, mnr sph spks
44717	.036 / 6.5		91.5	BSLT TG	Pillowed mod fract with blk chert + 5% py on 1% overall ¼" qtz-carb 86'-88' @ 0° ½ vn with fuch & sph @ 89' @ 70°
44718	.028 / 8.5		100.0	BSLT TG	to lely grey [illegible] to lely s[illegible] [illegible] several qtz-carb leaders 55° from 91.7- 2" qtz-carb leads 93.5-96.0 @ 10° [illegible] 1% sph mnr cpy last 2' less [illegible] Foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No 82-83

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start:	Drilled by
JM	Surf	—	-90	9320N, 10560E	Finish:	H&S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			47.0	O.B.	
44719	.002 / 6.6		53.6	BSLT T-TG	wkly to locly mod frct with occ irreg qtz ca[illegible] vnlt 48.0-48.6 w 2% diss py, rare to[illegible] pill rnds
44720	tr / 5.5		59.1	BSLT T-TG	wkly frct with occ irreg 1/8" qtz-carb vnlts with assoc py ~1% patch qtz carb @ 56[illegible] 57.5 wkly vggy no py, bxtd chrt 59.0-60.1
44721	.018 / 4.6		63.7	BSLT-TG	
44722	.034 / 5.3		69.0	BSLT TG	mod frct with loc hvy py, ptchs bxtd blk c[illegible] @ pillow rmds qtz-carb units @ 62.3-63.1 wit[illegible]
44723	.096 / 7.6		76.6		stg frtd, 1/8" carb vnlt 63.7, 65.7 @ 20°, mod [illegible] 1/4" qtz lards from 66.6-68.9 w 1% py
44724	.008 / 4.2		80.8	BSLT TG	wkly frctd, bxtd shrd 70.5-72.3 @ 5° o.c.[illegible] w mod 1½" qtz-carb vn @ 72.0 rrc sp.h blk qtz vnlts @ 72.4 @ 20 w mnr py & 1/4" qtz lx[illegible] to 74.1 with 5% marg py 1/4" qtz-carb @ 75.6 with marg py
44725	.002 / 7.2		88.0	BSLT -G	
44726 2 bags	.002 / 12.0		100.0	BSLT -T	stgly bxts w bslt & blk chrt frag qtz-[illegible] carb mtrx w 15% diss py wkly frct pilld rmds with 5% py & bl[illegible] & mnr such 1/4 carb @ 70.0 82.6
				BSLT T	wkly frct pilld rnds with chrt mnr [illegible] End of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No BZ-84

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 10/08/82	Drilled by
HB RAB JM	Surf		-90	9300N 10560E	Finish: 10/08/82	H & S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
		OB	44.0		Overburden
				Porph	mass grey <1% diss py, rare wht qtz vn
			54.0		
44727	.002 / 4.0		55.7	Bslt. G	wkly fract 2% py, occ qtz vn, rare spk sph, 1" mod
			58.0	Porph	mass grey 1% diss py
44728	tr / 6.0		64.0	Bslt TG	wkly fract 1% py few mnr bx zns 3/8" qtz-carb v @ 63' @ 5°
44729	tr / 6.0		70.0	Bslt TG	as above minor blk chert, vcy wkly fract few viens
44730	tr / 5.4		75.4	Bslt TG	as above 1" qtz vn @ 72' @ 50°
44731	.096 / 6.6		82.0	Bslt TG	Wkly fract qtz leadr vein @ 76.0-77.0 qtz bx ser leadr system 78.5-80.0 rare spk sph @ 79.0
44732	.026 / 7.0		89.0	Bslt TG-G	Strg bxtd lx 1½" leadr vein 82-83 // TCA 5% py sev minor carb vns
44733	.088 / 6.0		95.0	Bslt G	mod fract to shrd, 2-5% py, o mnr chl slips brkn core some blk chert
44734	.106 / 5.0		100.0	Bslt G-TG	mod fract'd 1" leadr @ 98-100 with 5% py, minor carb ladders

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No BZ-85

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 10/08/82	Drilled by:
HB RAB	Surf		-90	9280N 10560E	Finish: 10/08/82	H & S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			42.0	Overburden	
44735 2 bags	.004 / 13.0		55.0	BSLT-T-Ty	mass to wkly fract, few carb veins @ 50-70°
44736	.006 / 7.0		62.0	BSLT Ty-T	wkly to mod fract but few qtz carb vns & leaders more mass to last
44737	.002 / 6.0		68.0	BSLT - G	mod fract & veined @ 45° 1" qtz vn with mac @ 67.0
44738	.002 / 7.0		75.0	BSLT-TG	med fract 2-3% py, mac vns, lower cntc ¼" qtz @ 40°
44739	tr / 3.7		78.7	chert	blk cracked & veined with wht qtz cntcs @ 40°
44740	tr / 6.3		85.0	BSLT TG-G	wkly fract pillowed 2% py occ chrt patch in min 1" qtz vn @ 75° @ 82.0 2" qtz-wht @ 85.0
44741	.024 / 7.0		92.0	BSLT G	shrd. chl slips, some mac mud 2% py
44742	.006 / 8.0		100.0	BSLT G	as above, 92.0-92.3 late bx zn, 93.0 ½ carb vn 1" mud seam @ bottom of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 82-86

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 10/08/82	Drilled by
HB RAB	Surf		-90°	9260E, 10560E	Finish: 10/08/82	H & S

Twp:	Claim	Dip Test	Comments:
Beatty	L 4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			40.0	Overburden	
			47.0	Porph	cg lt gy mass feld porph shrp lower @60° minor diss py
44743	.002/3.7		50.7	BSLT T-TY	wkly fract few wht qtz vns
44744	tr/5.9		56.6	Porph	mg lt gy feld porph with mnr diss py
2bags 44745	.002/9.4		66.0	BSLT T	wkly fract few mnr qtz vns @63.0
44746	.002/4.6		70.6	BSLT TG-G	med fract ¼" leads 69-70.0 bx zn 70.0-70.6
44747	.002/3.4		74.0	BSLT TG-G	med fract poss mud @ 71.5 cre qtz each vns, chl-
44748	tr/5.0		79.0	Porph	dk gy feld porph several qtz veins 70° 7 minor diss py
			90.0	Porph	as above
			90.4	BSLT TG	shrd, silfd, few qtz vnlts

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 82-8

Logged by :	Elev:	Azim:	Dip	Grid Coordinates	Start : 10/29/82	Drilled by
RAB	SURF		-90	9220N 10600E	Finish : 10/29/82	H&S

Twp:	Claim	Dip Test	Comments:
BERRY	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
		O.B.	30.0		OVERBURDEN
44749 2 bags	tr / 10.0		40.0	BSLT-T	PILLOWED vfg vwkly fract w fw gash & veins (carb) < 1% py
44750 2 bags	tr / 10.0		50.0	BSLT-T	as above w 1" qtz vn @ 43', dcy
44751	tr / 8.5		58.5	BSLT T	as above w minor blk chert interpillow becomes TG down hole
44752	.002 / 4.5		63.0	BSLT TG	fg pillowed vcy wkly frctd, few carb gash vn @ 60
44753	tr / 7.0		70.0	BSLT G	fg highly fold (shd) @ 15-25° locl quite carb, few bk chert interpillow patches. 2" qtz vn @ 630. 1% py
44754	tr / 6.0		76.0	BSLT G	fg as above w 4" qtz-bx zn @ 71'-30°
44755	tr / 8.0		84.0	BSLT-TG	fg wkly fract locl fold few pillow
44756	.002 / 8.0		92.0	BSLT TG	as above but becomes ~~grey~~ very fresh fw, strs, occ pillow
44757	tr / 8.0		100.0	BSLT TG	AS above becomes grey & fresh, fw carb str 20-30° & blk chert material, pillowed foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 82-88

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start / Finish	Drilled by
JM HB	Surf		-90	9240N 10600E	Start: 10/09/82 Finish: 10/09/82	H&S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
		BX	40.0		Overburden
44758 2bags	.006 / 12.0		52.0	Bslt T	wkly frctd pillowed chl tc rinds w no sulp
44759	.008 / 5.6		57.6	Bslt T	wk to mod frct ½ leader via 52.2 @ 45 v.sy mnr py poss mud @ 57.0
44760	tr / 7.4		65.0	Bslt T6-6	wkly frctd to frctd, fresh, occ pill rinds w m py 1" wht qtz @ 59.3 @ 60°
44761	tr / 8.0		73.0	Bslt T6-6	as above mass pillowed no veins
44762	.004 / 6.0		79.0	Bslt 6	mass to wkly frct pillowed with chert
44763	.002 / 4.0		83.0	Bslt 6	as above lots of pillow bx ¼" qtz carb @ 8
44764	.018 / 7.0		90.0	Bslt T6-6	wkly frct pill with py on rinds wk leaders @ 86.4 - 87.6, 30° @ 87.8 mnr fuch @ 87.0 splcs, strg frct @ 88.5 -90
44765	tr / 3.7		93.7	Bslt	mass carbntd with no-sulp
44766	.020 / 6.3		100.0	Bslt T6-6	wkly frctd pillowed with chl seams to 94.0 occ carb velt, minor py on rinds Foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 82-89

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 10/09/82	Drilled by:
JM	Surf		-90	9260N 10600E	Finish: 10/09/82	H & S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
		82-89	48.0		OVERBURDEN
			51.2	Porph	mg dk grn muss <1% py spks, qtz-carb veining 49
			52.2	BSLT-G	50% qtz carb uns @ 45° core spk py, irreg mod fr
44776	.002/4.3		56.5	BSLT T-TG	wkly fract'd fold @ 20-30, wht qtz units @ 65° @ 52 53.5, 54.5 56.5
44777	.002/4.0		60.5	BSLT TG-G	bxtd, fract'd very mac py in bslt rusty gn to 57.5
44778	.002/7.0		67.5	BSLT TG	wkly fract'd pillowed chrty units no py
44779	.016/6.6		74.1	BSLT T-TG	as above chrt 72.3-73.6, mac py in units & hairline qtz-carb units @ 20°
44780	.164/5.9		80.0	BSLT G	50% vein with minor diss py, cpy hlly fract'd b core with irreg carb units, core spk sph same spks [redacted] 78.0
44781 2bags	.029/10.0		90.0	BSLT T	wkly fract'd pillowed chrty units with 5% py
44782 2bags	.115/10.0		100.0	BSLT T	as above 1/8-1/4" ladde veins 94.0-95.0 with mac diss py Foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No 82-90

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 10 09 82	Drilled by:
JM	SURF		-90	9280N 10600E	Finish: 10/10/82	H & S

Twp:	Claim	Dip Test	Comments:
BENTTY	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
		BB	48.0		OVERBURDEN
		0.0 0.0 0	51.0		BOULDERS
44796 2 bags	.010 / 11.0		62.0	BSLT TG	wkly frtd pillowed w chrty rinds occ ¼-½" q-c v dry looking, diss py in pill rinds, badly bkn core
44797 2 bags	.024 / 9.0		71.0	BSLT-TG	wkly frtd, loc bxtd pillowed with pyte & blk ch rinds, bxtd w q-c 63.2-63.7, 64.4-65.2, 67.0-68. 70.0-71.0 @ 10-20° TCA w 2-5% py
44798 2 bags	.018 / 10.4		81.4	BSLT-T	v wkly frtd pillowed w pyte chrty rinds, py 2½-v.o 73.7-74.2 minor py @ margins poss ⅛" ledr 76.2 @ 40°, ¼" ledr 79.0 @ 30 ∠ 1% py
44799	.182 / 5.8		87.2	BSLT T	wkly frtd pillowed w pyte chrty rinds ¼" ledr vn 81.4-83.3 @ 10° w ∠ 2% py + sph blks ¼" ledr @ 63 @ 15°, rre py + sph blb
44800	tr / 6.7		93.9	BSLT T	mass to wkly frtd pillowed w pyte chrty rinds 5% occ late carb fract
44801	tr. / 6.1		100.0	BSLT T	AS above ¼" dry wht q-c walls @ 94.0 98.0 @ 60 foot of hole

feet

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 82-91

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 10/10/82	Drilled by
JM	SURF		-90	9300N 10600E	Finish: 10/10/82	H&S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521	–	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			46.0		OVERBURDEN VARVED CLAY
			48.0		BOULDERS
44802	.120 / 5.0		53.0	BSLT TG	wkly fractd to locly bxtd 5% pyte & cherty pi... ladr syst @ 15° with 2-5% py rare sph spk...
44803 2bags	tr / 10.0		63.0	BSLT T	wkly fractd to mass with 5% pyte & blk ch... pillow rinds occ hairline fw q-c units @...
44804 2bags	.012 / 10.3		73.3	BSLT T	mass to wkly fractd 2-5% pyte & blk cherty pillow rinds poss 1/4" laddr @ 65.6 @ 45°; @ 68.6 @ 40° 71.2 @ 50
44805	.006 / 8.5		81.8	BSLT T	mass to wkly fractd 2% pyte & blk cherty pi... rinds pill bx 73.3-73.7
44806	.060 / 0.5		82.3	BSLT T	50% 1/4-1/2" q-c ladder vns @ 25° vry rare ...
44807	.004 / 9.1		91.8	BSLT T	wkly fractd pillowed with 10% py & blk cht in...
44808	.004 / 8.2		100.0	BSLT T	as above 1" q.v to 92.2 1/4" q-c @ 60°... End of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No 82-92

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 10/10/82	Drilled by
JM	SURF		-90	9340 N 10600 E	Finish: 10/10/82	H&S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
		OB	39.0		OVERBURDEN - CLAY
44809	.028/6.0		45.0	BSLT T-TY	mod frctd pillowed 1/4 q-c ledrs @ 15° @ 10, 41 ṽ 1% py 5-15% py & chert in rinds ∠2% ov.
44810	.010/9.2		54.2	BSLT T-TG	mod frct pillowed pcts rinds ∠1% overall
44811	.024/8.9		63.1	BSLT TY-T	wkly frctd pillowed occ intr pill ptch carb 5-10% py in rinds occ late 1/16" q-c vnlts 60°
44812	.040/4.7		67.8	BSLT T-TG	wkly frctd 1/8-1/4' ledr swarm @ 0-5° 5-10% q-c ṽ minor assoc py, occ fuch @ rinds
44813	.006/8.2		76.0	BSLT TG	mass to wkly frctd pillowed 10% py in 1/4" qv @ 71.5 @ 50° ṽ mar. py
44814	.245/7.4		83.4	BSLT TY-G	mass to wkly bxtd, carb gas with q-c ledrs 0-1% very dry no py in carb zn from 77.7 to 83.4
44815	.028/3.4		86.8	BSLT TG-Y	15% q-c 10% py ṽ fuch patches
44816	.002/4.5		91.3	BSLT T	wkly frct to mass pillowed no py
44817	.006/6.2		97.5	BSLT T-TY	mod frctd wkly bxtd 5% py overall, occ q-tz veins 93.5-97.5 dry looking
44818	.002/2.5		100.0	BSLT TY	mod frctd no py occ q-tz ptch foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No 92-93

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 10/10/92	Drilled by
JM	SURF		-90	9340N 10600E	Finish: 10/10/92	HES

Twp:	Claim	Dip Test	Comments:
BENTLY	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			44.0		OVERBURDEN
44829	.014/6.0		50.0	BSLT T-TY	mod fract pillowed with qtz-carb rinds with o patch py poss 1/2" ledr @ 45° @ 20° TCA
44830	tr/9.2		59.2	BSLT T	mod fract w amrs ineg q-c veins 10-15% va occ py clots + diss py in wk rinds
44831	tr/4.8		64.0	BSLT G	mass carbntd
44832	tr/4.0		68.0	BSLT T-TY	wkly fractd bxtd by 1/4"-1/2" ledr @ 0-5° TCA minor py in ledr occ py patch: 30% qtz-carb.
44833	.012/7.0	2/86	75.0	BSLT T-TG	wkly fractd hlly ineg qtz veins ptchs with disp 1/2" along fract 1/4" q-c ledr 73.5 @ 15°, 1/4-1" p patches
44834	.006/6.5		81.5	BSLT TG	wkly fractd 1/8" qz @ 78.0 @ 10° w rare cpy s occ 1/2" patch py
44835	.026/7.7		89.2	BSLT TG	wkly fractd, bxtd wkly pillowed with qtz pat 1/8" q-c ledr @ 87 @ 5-10° occ 1mg py patch ∠ 2% overall
44836	.002/6.8		96.0	BSLT T	wkly frtd to mass pillowed ptc-chert rinds occ py patch ∠ 2%
44837	.020/4.0		100.0	BSLT T-TY	as above poss ledr or pillow bx to 98.0 ∠ 1% py as ptches foot of hole

2/8

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 82-9[illegible]

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start / Finish	Drilled by
JM	Surf		-90	9360N 10600E	Start: 11/10/82 Finish: 11/10/82	HES

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			41.0		OVERBURDEN
			42.0		RUBBLE
44962	.110 / 9.2	py	51.2	BSLT TG	wkly frctd pillowed vry lcly bxtd, pytc c[illegible] rind; rre wk ledrs 5-10° w minor py 2" py @ [illegible]
44963	.030 / 7.8		59.0	BSLT T	wkly frctd one pillow 1/8 ledr swarm @ 56' @ [illegible]
44964	.006 / 5		64.0	BSLT TG	bxtd cherty pytc mtrx with later q-c vnlts [illegible] @ 0-5°, 10-15% py overall
44965	.002 / 3		67.0	BSLT TG	wkly frctd pillowed pytc chrty rinds 1/4" q-c @ [illegible]
44966	.004 / 7.3		74.3	BSLT T-TG	wkly frtd, bxtd pillowed with chrty mtrx lrg py ptchs, 5-10% overall 1/8" q-c ledrs [illegible] to 69 @ 5°, 1/4" @ 72' @ 45° dry
44967	.004 / 4.7		79.0	BSLT T-TG	mass to wkly frtd pill w chrty ptchs & py b[illegible] 15% overall
44968	.004 / 10.8		89.8	BSLT TY-TG	bxtd with py, chrt, qtz-carb mtrx 20-2[illegible] py bxtd by q-c
44969	trace / 10.2		100.0	BSLT TY-TG	as above 15-20% py foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 82-9

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 11/10/82	Drilled by
JM	Surf		-90	9380N 10600E	Finish: 11/10/82	H&S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521	-	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			41.0		Overburden
44861	.333 / 8		49.0	Bslt T-T6	wkly frct pill w chrty pyrtc mrds -5% 1/8 ledc vns @ 5-10° w minr py
44862	.106 / 10		59.0	Bslt T-T6	as above
44863	.356 / 10.8		69.8	Bslt T-T6	as above 10% of 0-15° ledcs 2% py overa
44864	.046 / 8.2		78.0	Bslt TY-T6	mod frctd btd with bxtd chrty patches 30% q-c vns @ 5° ~1% py
44865	.012 / 8.5		86.5	Bslt TY-T6	wkly frtd locly bxtd pillowed occ 70% py in mrds rare qv @ 45 patchy coloration
44866	.012 / 6.7		93.2	Bslt T	as above but more mass. less frcts
44867	.018 / 3.4		96.6	Bslt T-T6	bxtd pillowed with chrty pyrtc mtrx
44868	tr / 3.4		100.0	Bslt T	wkly bxtd w blty irreg 1/16" q-c ledcs dry looking mnr py
					Foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 1-96

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 11/10/82 Finish: 11/10/82	Drilled by
JM.	Surf		-90	9400N 10600E		H & S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
		4B/97	35.0		Overburden
44869	.014 / 6.5	p	41.5	Bslt T	vry wkly fractd pillowed with pyte & cherty rinds, 2550% py in rinds occ'l leads @ 0°
44870	.002 / 10.0		51.5	Bslt T	mass to wkly fractd occasional pillow with py vry occ 1/16" q-c leads @ 0-5°
44871	.002 / 10.0		61.5	Bslt T	as above occ carb vnlt @ 80° (late
44872	.014 / 10.0		71.5	Bslt T	as 61.5
44873	tr. / 10.0		81.5	Bslt T	as 61.5
44874	.004 / 8.7		90.2	Bslt T	as 61.5
44875	.010 / 9.8	p	100.0	Bslt TG	wkly fract pillowed with grey patches & mass bkd py 3us in rinds as ch... occ wispy q-c vnlt dry looking Foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 97

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 11/10/82	Drilled by
JM	Surf		-90	9420N 10600 E	Finish: 11/10/82	H & S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			31.0		Overburden
44970	.006 / 9		40.0	BSLT T	vry wkly fractd pillowed cherty ptches & ... pyts cherty rinds 1/8" q-c leads @ 31.5, 35.0, 39.0 @ 20° TCA vn/ dry looking
44971	tr / 10	P	50.0	BSLT-T	vry wkly fractd pillowed cherty rinds
44972	3.42 / 5		55.0	Vein BSLT T	wkly fractd w strg qtz carb lead 50% ... @ 0-5° tcA minor < 2% py numrs g pl...
73	4.08 / 5.3		60.3	Vein BSLT T	as above
44974	.068 / 6.7		67.0	BSLT T-TG	wkly fractd lss bxtd w. carb ptchs. rare qtz-carb leads @ 0°-20° with diss,
44975	.042 / 9	P	76.0	BSLT T-TG	mod fractd with cherty ptches with pill bx gy colored ptchs & occ carb ptchs 5% py as mass ptchs
44976	.014 / 10	P	86.0	BSLT T-TG	as above 2% py ½ carb unit @ 83.0° Fresh lava
44977	.022 / 14		100.0	BSLT T -TG	as above 5% py overall 25-50% in rinds Fresh lava Foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No #98

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 12/10/82	Drilled by
JM	Surface		-90	9280N 1064DE	Finish: 12/10/82	H&S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
					Overburden
			50.0		
44886	.010/10.0	15%		PRDT	mod fract'd w qtz-carb stgs + vnlts @ 20° ± minor diss py < 1% mud slip @ 55.5' @ 0-5
			60.0		
44887	.002/6.5	10%		PRDT	wkly fract'd carbonated to talcose zone w 10% qtz-carb vnlts @ 20°
			66.5		
44888	tr/7.5	10%		PRDT	as above
			74.0		
44889	tr/8.3			PRDT	mass olive grn-gy talcose with minor 1/4" - 1/2" qtz-carb vnlts @ 20°
			82.8		
44890	.002/5.0	26.0%		BSLT TG	hilly veined w qtz-carb @ 15° up to 60% carbon some as bx frag in olive grn talcose bslt < 1% diss py
			87.3		
44891	tr/5.0			BSLT TG	as above
			92.3		
44892	tr/7.7			BSLT T	as above veining 5-15° less talcose
			100.0		Foot of hole

Likely Pd.

MAUDE LAKE GOLD MINE LTD. BOREHOLE No # 99

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 12/10/82	Drilled by
JM	Surf		-90	9260N 10640E	Finish: 12/10/82	H & S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			49.0		Overburden
44893	tr/7.0		56.0	PRDT	Hlly altd carbonated mottled mass; 1/8" q-c vnlt @ 30° @ 50, 54.4, 59 tay aapy graphite
44894	tr/6.3		62.3	PRDT	as above
44895	tr/5.7		68.0	PRDT	as above but gns qtz-carb minor graph, @ 15-30° @ 62.3-63.4, 66.0-68.0
44896	tr/5.3		73.3	PRDT	as above rre qtz-carb graphite vnlt @ 30-40
44897	.002/5.7	50%	79.0	BSLT G	mass grey to olive grn carb gns with 50% qtz-carb leaders @ 0-5° occ py. rre
44898	tr/6.0		85.0	BSLT G	wkly to mod carbtd bslt w. occ hlly irrg qtz-c vnlts w. occ py spk mod slps @ 85, 87, 82
44899	.004/7.4	30%	92.4	PRDT	mass carbonated gns w. 30% qtz-carb vn occ spks py dry looking
44900	.004/6.6		99.0	BSLT G	mass to wkly fractd by q-c vnlt, irrg, with py
44901	.020/1.0		100.0	Qtz-Py	50% py bxtd by qtz-carb vnlts
					Foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No #100

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start / Finish	Drilled by
JMJ	Surf		-90	9240N 10640E	Start: 12/10/82 Finish: 12/10/82	H & S

Twp:	Claim	Dip Test	Comments:
Bowman	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			57.0		Overburden
44989	.008/9.0		66.0	Bslt G	fltd w qtz velts @ 20° minor diss py. sltd unit?
		H	76.0	PRDT.	massive mottled carbonitized + serpentinized with aprs 10% veins as network of 1/2 - 1/4" qtz-carb minor graphite veins rre sple py
		H	86.0	PRDT	as above, minor qz @ 79.0
90	.002/8.0	H	94.0	PRDT	as above
91	.002/5.0		99.0	Py	mass dull tan with qtz carb fract filling occ chert patch slty nodules
92	.010/5.5		104.5	Py	as above
93	.013/9.5		114.0	Bslt T-TY	wkly frctd pillowed 1/2" ledn @ 107' - 30°, 1/4 113' - 5° mass py zns at pillows w patches 30% Py overall
94	.007/11.0		125.0	Bslt TY-TG	wkly frct pillowed 6" unit @ 114.3' 10-25% py in rinds 5% overall
95	.004/3.0		128.0	Py	mass bxtd w qtz carb mtrx
96	.006/7.0		135.0	Bslt-G	50% py with wispy ptchs of bslt
97	.004/5.0		140.0	Bslt T	pillowd wkly frtd occ qtz carb py, mass py in pillows 15% overall
					Foot of hole

feet

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No #101

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 13/10/82	Drilled by
JM	SURF		-90	9220N 10640E	Finish: 13/10/82	H&S

Twp:	Claim	Dip Test	Comments:
Benny	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
				48.0	OVERBURDEN
44919	.002 / 6.5		54.5	BSLT G	pillowed bxtd < 1% py in rinds
44920	.006 / 8		62.5	BSLT TG-G	pillowed vw fractd occ carbonate from 60.0 @ 2 cherty rinds with < 5% py
44921	.034 / 7.5		70.0	BSLT T	wkly fractd pillowed poss ½ lodes @ 67' @ 25° cherty rinds w < 5% py
44922	.008 / 10		80.0	BSLT T	wkly fractd lrg pillows occ late carb @ 25° ¼" q-c @ 77.8 @ 30°
44923	.038 / 9.3		89.3	BSLT T	wkly fractd w late carb to 85.0 occ py c/c < 2% overall no lrg cht patches
44924	.104 / 6.7		96.0	BSLT T -TG	wkly fractd w qtz-carb [illegible] @ 0 to 20° ¼" @ 90, 2" @ 92' w spb & cpy blbs ½" @ 95', occ pill rind w cht & py
44925	.163 / 9		100.0	BSLT T	wkly fractd pill w cht py rinds, patchy py to end of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No #102

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 13/10/82	Drilled by:
JM	Surf	~	-90	9200 N 10640 E	Finish: 13/10/82	H&S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			42.0		OVERBURDEN
44911	.022 / 5.3		47.3	BSLT TG	Lclybtd to mass w qtz-carb mtx poss fuch-cy 3% py
44912	.014 / 6.4		53.7	BSLT TG	Brxtd Lntd @25° qtz-carb mtx w 15% py mnd. slip @51.0 @45°
44913	.002 / 3.8		57.5	BSLT TG	wkly frctd pillowed w <2% py in rmds
44914	.002 / 6.5		64.0	BSLT G	pillow bx w mass gnss 1" q-c vn @ 61.0 @35 w s.d fracts
44915	.002 / 5		69.0	BSLT TG	wkly frctd occ pill rmd w blkcht & minor py in rmds
44916	.002 / 9		78.0	BSLT T	v wkly frctd pillowed
44917	.004 / 9.8		87.8	BSLT T	Bxtd - pillow bx w qtz-chert mtx, <1% py in mtx
44918	.02 / 12.2		100.0	BSLT T	wkly frctd pillowed occ qtz-chert ptch occ late carb frcd
					foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 11/82

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 13/10/82	Drilled by
JM	Surf		-90	9190 N 10680E	Finish: 13/10/82	H & S

Twp:	Claim	Dip Test	Comments:
Barry	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			48.0		Overburden
44935	.002 / 5		53.0	Bslt G	frctd core carb bx gsr 50-50.5 w sp.
44936	.002 / 7		60.0	Bslt TG	wkly frctd pillow bx w cherty pyts rind
44937	.002 / 6		66.0	Bslt G-TG	vwkly frtd occ pillow bx
44938	.028 / 46		70.6	Bslt T	hlly frtd with nmrs qz carb vnlts frts @ 25° fuch @ 66.2
44939	.022 / 26		73.2	Porph	mg lt gy mass occ late carb frct
44940	.014 / 5		78.2	Bslt T-TG	hlly frct w nmrs hair frcts @ 20° w occ py spk
44941	.006 / 8.4		86.6	Bslt T TG	as above <10% vnen @ 5°-10°
44942	.034 / 9.6		96.7	Bslt T-TG	as above lrg cht ptchs occ pillow with mass py ptchs
44943	.016 / 3.8		100.0	Prot dyke?	mg olive grey grn w nmrs mgCO3 vnlts 10° w talcose mud slips @ 20° hlly fr foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No # 104

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 14/10/82	Drilled by
JM			-90	9200 N 10680E	Finish: 14/10/82	H&S

Twp:	Claim	Dip Test	Comments:
Beatty	L 4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			46.0		Overburden
44985	.131/3.5		49.5	BslrTG	Hly frctd bxtd vn'd @25° mnr py occ fuch
86	.034/7.2		56.7	PorPH	lt gy mass [illegible] with Kspar 51', 55' @ 80°
87	.002/4.8		61.5	PRDT	hlly altd talcose spinifex text mud slips 60-62 @ 45°
88	.002/10.5		72.0	PRDT	mg mass lt olive grn mottled nmrs mgco3 vnlts
				PROT	stly altd olv grn talcose w nmrs irreg $mgCO_3$ veins 6" mud slip @ 75.0 -
			100.00		Foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No #105

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 14/10 82	Drilled by
JM	SURF	—	-90	9220N, 10680E	Finish: 14/10/82	H&S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			54.0		Overburden
			60.0		PRDT · olive green, mass, mg., talcose w minor $MgCO_3$ veins
					End of Hole.

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 82-106

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start / Finish	Drilled by
JM H.B.	Surf		-90	9460 N 10420 E	Start: 10/09/82 Finish: 10/09/82	H&S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			36.0		Overburden
44767	.052 / 3.0		39.0	Bslt. TG	strg frct bxtd 1% py minor carbons
			40.0		Lost core
2 bags 44768	.018 / 8.2		48.2	Bslt TG	wkly frct pillowed with mnr py on rinds ¼ lead. 44.6-46.2 w very minor mag py, rare fresh & in shattered leads @ 47.0 to 48.2
44769	tr / 4.8		53.0	Bslt T	mod frct pillowed rare volt no sulp
44770 2 bags	tr / 10.0		63.0	Bslt T	wkly to mod frctd pillowed no py on rinds
44771 2 bags	tr / 10.0		73.0	Bslt T	as above
44772	tr / 5.6		78.6	Bslt T	as above 76.8-78.0 Carbntd basalt
44773	.002 / 7.8		86.4	Bslt T	as above
44774	.008 / 8.6		95.0	Bslt TG	wkly frct'd to frct'd pillowed with py on rin wk shr 88.7 @30° xa, 94.5 @30
44775	.022 / 5.0		100.0	Bslt TG	as above foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No 82-107

Logged by:	Elev:	Azim:	Dip	Grid Coordinates*	Start: 10/09/82	Drilled by:
J.M.	SURF		-90	9460N 10440E	Finish: 10/09/82	H&S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
		OB	36.0		OVERBURDEN
44783	.068/6.9		42.9	BSLT T6-G	wkly fract'd & bxtd 1-2" mod seams @ 38.0, 39.4 s vggy carb 40.5-41.0, occ irreg qtz-carb veins w/ vry mnr py
44784	.020/4.6		47.5	BSLT T6-G	mod fract'd & bxtd w swarms qtz-carb @ 5-15° 2-5% py in veins
44785	tr/8.1		55.6	BSLT T-T6	wkly fract'd pillowed, dry pillow rinds
44786 2bags	tr/10.4		66.0	BSLT T	wkly fract'd pillowed rare carb spk no py
44787 2bags	1.002/11.0		77.0	BSLT-T	as above occ inter pillow carb pckts, carbon 73.0-74.0, 1/8" qtz-carb @ 30° @ 76.2 dry
44788 2bags	.090/8.7		85.7	BSLT T	mod fract'd w bxtd pillow rinds w minor fract 1/4" dry qtz @ 82.5' @ 45°, nr py
44789 2bags	.014/8.7		94.4	BSLT T	wkly fract, hairline to 1/4" leders @ 0-10° from 87-88 & 90-91' with abundant spk 91.5-92.0 mnr py
44790	.100/5.6		100.0	BSLT T	wkly fract pillowed with mnr fract in rinds, nr vggy qtz-carb patches with mnr py
44791	.252/1.9		101.9	VEIN	70% qtz-carb w T bslt & chert frag, mnr fract + rare spk, 1-2% py, veining 0-5° TCA
44792	.052/5.6		107.5	BSLT T-TG	bxtd with 1/8 qtz-carb leader swarms @ 0°, 2° pillowed with blk chert @ rinds wkly bld
44793	.062/3.7		111.2	BSLT T-TG	mncs irreg leaders @ 0-5° w py
44794	.848/5.0		113.5	VEIN	80% qtz-carb, dry look vry mnr py, cntc @ 20°
			115.5	BSLT T	as above
			116.2	VEIN	as above poss inter pillow clasts
44795	.060			BSLT T	wkly fract pillowed w chert rinds w 2% py 1/8" qtz-carb leader veins @ 0-5° TCA

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 92-108

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start : 10/10/82	Drilled by:
JM	SURF		-90	9420N 10440E	Finish: 10/10/82	H.E.S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			37.0		OVERBURDEN
44823	tr / 100		47.0	BSLT +	wkly fract'd pillowed crs spk py in rinds occ qtz patch
44824	.002 / 10.0		57.0	BSLT T-M	wkly fract'd to mass wkly pillowed vny crs spk py
44825	.002 / 9.0		66.0	BSLT T	wkly, fract'd to mass 1/8" qv @ 60, 61, 63 @ 45° with vny crs spk py
44826	.259 / 9.0		75.8	BSLT T	wkly fract, bnd 1/4" q-c stwrms @ 0-10° to 74.8-75.8 minor py in vns & 1/2 % occ blks epid, 20-30% q-carb vein
44827	tr / 11.2		87.0	BSLT T	mass vny vny wkly fract'd no pillows
44828	.024 / 13.0		100.0	BSLT T	as above 1" qtz stwrd pass pillow rind @ 9410 foot of hole

feet

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 82-109

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start / Finish	Drilled by
JM	SURF		-90	9400N 10440E	Start: 10/10/82 Finish: 10/10/82	H & S

Twp:	Claim:	Dip Test	Comments:
BEATTY	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			40.0		OVERBURDEN
44819	.002/4.3		44.3	Bst T-TG	wkly fractd bmass rce py on fract
44820	tr/5.7		50.0	Bslt T-TY	pillow bx no py
44821	.002/10.0		60.0	Bslt TY	wkly fractd pillowed no vis py occ sml py patch
44822	.002/10.0		70.0	Bslt T	mass pillowed occ
				Bslt T	mass occ pillow rind no vis py rce qtz patch rare wht qtz-carb fracture
			100.0		foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No # 11D

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start / Finish	Drilled by
JM	SURF		-90	9360N 10480E	Start: 10/10/82 Finish: 10/10/82	HES

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
		16B4	44.0		Overburden
44838	tr / 8.0		52.0	BSLT-TG	mod frct pillowed with mnr fuch & py in minds
44839	.002 / 10.0		62.0	BSLT T	vry wkly frctd to mass occ pillows 1/4 vggy carb @46.0 @45° no vis py occ sml qtz ptch
44840	tr / 10.0		72.0	BSLT T	as above
44841	tr / 12.0		84.0	BSLT T	as above 2 pillows
44842	.026 / 6.2		90.2	BSLT G	shrp cntc @30° wkly frctd to mass but color tg-g blk chlrt patches 30-40% vn minor py <1% mnr spl
44843	.004 / 9.8		100.0	BSLT G	mass to wkly frctd pillowed py to e cho rinds occ qtz ptch 1/8 late vggy carb unlt 97.3 - 99.4 @ 10° foot of hole

feet

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No BZ-11

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 11/10/82	Drilled by
JM	Surf		-90	9380N 10480	Finish: 11/10/82	H&S

Twp:	Claim	Dip Test	Comments:
	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			37.0		OVERBURDEN
44852	.074/5.5		42.5	BSLT G	wkly frctd w/ good ledr system @ 0°, 5°, 25
44853	.331/6.3		48.8	BSLT G	wkly frctd w/ dull q-c perm zns minor py
44854	.006/11.2		60.0	BSLT Grey	Carbntd mass occ frct nrc py on frct
44860	.113/2		62.0	BSLT Grey	as above 1" q-c @ 30° no py dry looking
44855	.084/10.0		72.0	BSLT Grey	as above
44856	.062/6.0		78.0	BSLT TG	wkly frctd brkd w/ ledr system 1/4" to 75.0 - q-c to 78 with <1% py
44857	.002/5.0		83.0	BSLT T-TG	wkly frctd, shrd @ 20° to 80° : chnly py on frc occ late vggy carb vnlt
44858	.026/6.0		89.0	BSLT T-TG	wkly frctd pill with chnly rinds 1/8" q-c le @ 5° & 85
44859	.012/11.0		100.0	BSLT T	mass to wkly frctd pillowed mac py 1" vggy carb-qtz vn @ 92 @ 40°
					Foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 82-112

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 11/10/82	Drilled by
JM	Surf		-90	9400N 10480	Finish: 11/10/82	H&S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	Hole	Footage	Rock Colour	DESCRIPTION
			43.0		Overburden
44844	.137 / 7		50.0	Bslt G	wkly frctd to mass 1/4" qtz vn @46@50° rre
44845	.162 / 2.7		52.7	Bslt G	as above 1" qtz-carb @50.0@40°; pill bx 51.9 w minor diss py cntcs @80° TCA
44846	.050 / 7.3		60.0	Bslt G-TG	wkly frctd 1/2" q-c ledr @ 54.7 @30° minor py 1/8" q-c @ 57.2@10° rre py
44847	.006 / 9.8		69.8	Bslt TY-T	mod frctd lcly bxtd, pillowed 1/4" qtz-c @0° to 61.0 hair ledrs @ 67.0@30°, rre spks py, 1/4" q-c ledr @ 65.4@30° w rr
44848	.004 / 4.3		74.1	Bslt G	mass carbntd no frcts no py
44849	.155 / 5.1		79.2	Bslt T-TY	wkly frctd bxtd with ptchs fuch, amrs qtz carb patches mdly shrd @ 77-79.2 ∠
44850	tr / 9.8		89.0	Bslt T-TY	wkly frct pillowed occ qtz-ptch minor cherty ptch in mnd ∠1% py overall
44851	.002 / 11.0		100.0	Bslt T-TY	as above foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No 113

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start : 11/10/82	Drilled by
JM	Surf		-90	9420N 10480E	Finish: 11/10/82	H E S

Twp:	Claim	Dip Test	Comments:
Bannry	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			27.0		Overburden
44876	.002 / 8.0		35.0	Bslt T-TG	mod frctd wkly pillowed with bxtd blk cht rinds -1% py rare q-c vnlts @ 30°
44877	.002 / 8.2		43.2	Bslt T-TG	mod frctd no pillows rre q-c ledr w minor rre fuch @ 43.2
44878	.121 / 5.5		48.8	Bslt Ty-TG	hlly frctd bxtd 50% dull grey qtz-carb vn minor py <1%
44879	.150 / 9.2		58.0	Bslt TY -TG	hlly frctd bxtd 15-20% vn w -2% py in frcts
44880	.018 / 4.5		62.5	Bslt Grey	carb mass no py
44881	.103 / 5.8		68.3	Bslt TY -TG	mod frct wkly bxtd occ ledr @ 30° xa wkly shrd @ 20 66-68.3 -1% py rre sph 10% vn
44882	.022 / 5.2		73.5	Bslt TG	wkly frtd to mass pillowed minor fuch cherty rre spk py
44883	.076 / 8.5		82.0	Bslt TG	AS ABOVE occ qtz ptch
44884	.012 / 9.0		91.0	Bslt T-TG	wkly frctd occ pillow bx, cherty minor py rinds
44885	.002 / 9.0		100.0	Bslt T-TG	as above more blk chrt 1/2" ledr @ 99.0 @ 10°
					foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No #111

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 12/10/82	Drilled by
JM	Surf		-90	9440N 10480E	Finish: 12/10/82	H&S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			34.0		Overburden
44944	.859 / 3	80%	37.0	BSLT T6	80% qtz-carb vn with occ sp. sph spks veining @ 15°
44945	.659 / 4.2	60%	41.2	BSLT T4-7	60% qtz-carb vn with sph spks bints & fuch
44946	.044 / 7.8		49.0	BSLT T-T6	mod fract occ pillow w chert occ py spk occ q-c ledr @ 20°
44947	.004 / 7.3	P	56.3	BSLT T-T6	wkly fractd occ pill minor chert & py on ...
44948	.014 / 7.7		64.0	BSLT T-T6	Locly brkd occ qtz vn to 60 @ 45° vgs carb 61-62 occ py spk
44949	.054 / 5.0		68.0	BSLT T6	brkd by qtz-carb ledr veins @ 10° 20-30% vein w carb ladder < 1% diss py
44950	.076 / 5.0		73.0	BSLT T6	wkly fractd 1/8" ledr swarms @ 0°-20° w occ py
44951	.062 / 5.0	90%	78.0	BSLT T6	90% qtz w bsltc bx frag occ chert ladder like vnlts occ py spk
44952	.012 / 9.0		87.0	BSLT T-T6	wkly fractd pillowed w cherty minor py rim occ 1/8-1/4" ledr @ 5°-20
44953 2 bxsp	.008 / 13.0	P	100.0	BSLT T-T6	mass to wkly fractd pillowed with cherty pyrite rinds occ 1/8" ledr @ 92, 86 @ 15° foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No #115

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 13/10/82	Drilled by:
JM			-90	9480N 10480E	Finish: 13/10/82	H & S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			38.0		
44926	.012/9.0		47.0	Bslt G	mass occ late carb fract 1 pillow
44927	.026/1.6		48.6	Bslt G	as above 1" qtz vn @ 48.0 @ 20° occ 1/8" carb
44928	.070/8.4		57.0	Bslt +G	mass to wkly fractd gradual contc to T. 1/4" qtz ledge @ 56' @ 20°
44929	.010/10.0		67.0	Bslt T-Y	mass to wkly fract pillowed
					5% py in rinds
44930	.002/10.0		77.0	Bslt T	mass pillowed 1/4" qv @ 75.0 @ 45
44931	tr/10.0		87.0	Bslt T	as above mass pillowed fresh
44932	tr/7.0		94.0	Bslt T	fresh as above occ qtz patch mass p
44933	.002/3.0		97.0	Bslt T	as above w irreg qtz gas no py late bx zn?
44934	tr/3.0		100.0	Bslt T	as above mass pillowed foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No # 116

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start:	Drilled by
JM			-90	9480N 10480E	Finish: 13/10/82	HES

Twp:	Claim	Dip Test	Comments:
BOATTY	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			26.0		OVERBURDEN
44954	.004 / 10.0		36.0	BSLT T	wkly foli occ late carb vnlt wkly pillowed, chert? minor py in rinds
44955	.002 / 7.5		43.5	BSLT T-TG	as above
44956	.004 / 3.5		47.0	BSLT TG	hlly to mod foli with occ late carb vnlt
44957	.012 / 9.0		56.0	BSLT T -TG	brkd with fresh t dry looking qtz-carb ladder veins @ 10°, minor py spks, occ vggy carb p
44958	.002 / 10.0		66.0	BSLT TG	mass pillowed, chty-L 5% py in rinds
44959	.002 / 11.0		77.0	BSLT TG	as above 1/8" ledr 71.0-76.0 @ 0-5° occ chty pillow bx
44960	.004 / 10.0		87.0	BSLT T	mass occ qtz-chert patch pillowed
44961	tr / 15.0		102.0	BSLT T	mass pillowed 15% py on rinds foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No # 117

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 12/10/82	Drilled by
JM	Surf		-90	9460E 10480E	Finish: 12/10/82	H.&S

Twp:	Claim	Dip Test	Comments:
Baxxy	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			27.0		Overburden
44902	.010 / 6.0		33.0	Bslt T -T6	wkly to locly mod foltd 1/8" qtz-carb ledr @ 2 -5° 1/4" @ 32' @ 20 occ pill chaty py
44903	.014 / 6.4	p	39.4	Bslt T	wkly foltd pillowed occ T6 alt'n
44904	.160 / 7.1		46.5	Bslt T-T6	wkly foltd qtz-carb ledrs to 39.7 @ 25° w/ py; 44-45' ledr swarm @ 20°
44905	1.50 / 3.3	40%	49.8	Bslt T	brxd qtz-carb ladders 40% vien occ fuch spks
44906	.012 / 6.2	p	56.0	Bslt T6	mass to wkly foltd 1/4" ledr @ 51, 52 @ 15-20° pillow
44907	.008 / 10.0		66.0	Bslt T-T6	wkly foltd to locly mod foltd pillowed chaty pyrite rinds
44908	.002 / 10.0	p	76.0	Bslt T	wkly foltd to mass pillowed chaty wkly py rinds sml patch fuch @ 71.0 in pill bx
44909	tr / 10.0	p	86.0	Bslt T	mass pillowed occ talc carb. fr. @ 4
	.002 / 14.0	p			
44910			100.0	Bslt T	as above foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No #118

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 14/10/87	Drilled by
JM			-90	9420N 10520E	Finish: 14/10/87	H&S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			42.0		Overburden
44978	tr / 10.0		52.0	Bslt T6	wkly fractd to mass pillowed 1/4-1/8" lelns @ 44'-20°
79	tr / 12.0		64.0	Bslt -T6	wkly fractd to mass, pillowed w occ q-c patc hairline lelns @ 52.0'-45°, 56'-40°, 62'-4
80	.032 / 5.0		69.0	Bslt T-T6	mod fractd pillowed hairline lelns swarm @ 66'- w py rre sph spk
81	.010 / 9.0		78.0	Bslt T-T6	wkly fractd pillowed 1/8-1/4" led @ 69.3'-20° 71.5-10°, 20° 75, 76'-45° w py rre sph
82	.034 / 8.0		86.0	Bslt T	mod fractd pillowed pyte-cherty amds amrs hairline to 1/4" lelns 10°, 35°
83	.062 / 8.0		94.0	Bslt T	hlly fractd vien 86.0-87.0 90-91 cnt @ 20° ladder veins q/z carb 10° <1% py spks
84	.018 / 6.0		100.0	Bslt T	wkly fractd pillows cherty 20% py incm foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No #119

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 14/10/82	Drilled by:
JM	Surf		-90	9400N 10520E	Finish: 14/10/82	H & S

Twp:	Claim	Dip Test	Comments:
Beatty	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			44.0		Overburden
44998	.086 / 9.0		53.0	Bslt T6	mod' fract'd brxtd w network 1/8-1/4" ledes & w occ py blb
99	.012 / 6.5		59.8	Bslt T6	mass to wkly fract'd
45000	.026 / 3.3		62.9	Bslt T-T6	mod fract'd w 1/4" ledes 20°-15°
50001	.002 / 9.2		72.0	Bslt T6	wkly fract'd - mass pillowed cherty 10% pyrite ...
02	.016 / 9.0		83.0	Bslt T-T6	very wkly fract'd sev' ledes @ 75'-30° 1/4-1", 1/4 ... 83.9 - 60°
03	tr / 17.0		100.0	Bslt T	mass to wkly fract'd pillowed, cherty 5-10% pyrite ... foot of hole

feet

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No #12

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 13/10/87	Drilled by
JM			-90	9380N, 1052OE	Finish: 14/10/87	H & S

Twp:	Claim	Dip Test	Comments:
Bowman	L4521	—	—

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			45.0		Overburden
			48.0		Boulders
					DIABASE fg dk grn-blk mass. broken core
			67.0		feet of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No #121

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 15/10/82	Drilled by:
JM	Surf		-90	9340N, 10520E	Finish: 15/10/82	H&S

Twp:	Claim	Dip Test	Comments:
Beatty	L 4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			42.0		Overburden
50024	.009 / 10.2		52.7	Bslt T ∮ TG	wkly fractd @ 30° occ bx'd gsu & qtz-carb vn from 46.0 w dissem py <1%
25	.006 / 4.8	70%	57.0	Vein	w tan yellow frag <1% py occ spk sph
26	.002 / 5.0		62.0	Bslt TG	mod fractd occ qtz patch interpillow
27	tr / 9.6		71.6	Bslt TG	wkly fractd, occ vein w. TY frag 62-63, 66-67, 69.5-70, 71.0-71.6 all @ 15° occ spk py.
28	.003 / 7.4		79.0	Bslt T -TY	badly fractd no ledges
29	.002 / 9.0		88.0	Bslt T	wkly fractd occ pillow rind w q-c patch. badly fractd broken ground 80-85 some vggy areas
30	.008 / 12.0		100.0	Bslt T	wkly fractd to mass as above but occ late carb fracture
					End of hole

feet

MAUDE LAKE GOLD MINE LTD. BOREHOLE No. 129

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 15/10/82	Drilled by
JM	—		-90	9320N, 10520E	Finish: 15/10/82	H&S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521	—	—

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			42.0		
50050	tr / 5.5		45.5	BSLT T-TY	wkly frtd 1" or 1/4" lets @ 35° @ 43.0
51	.008 / 7.5		53.0	Porph	lt gy mass 1/4 vn @ 47° c 1" @ 48.5 @ 1 Topy m-cg
52	.002 / 8.0		61.0	Porph	as above cg chilled ents
53	tr / 6.5		67.5	BSLT TG	some siderite to 62.0 mod slip @ 63.0 w T patches mod frctd 5-10% 1" veins @ 60° w occ gph SPs
54	.002 / 2.5		70.0	BSLT G	mod frctd occ lets some fsch in pl
55	.002 / 8.6		78.6	BSLT TG	mod frctd / more hairline frctg 1/8" lets @ 80°
56	.002 / 9.4		88.0	BSLT T	w tg patches wkly frctd pillowed chl occ 1/4 carb vn 1/s @ 85° few gash
50057	tr / 12.0		100.0	BSLT T	wkly frctd tg mass occ pillow. foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No #124

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 15/10/82	Drilled by
JM	–	–	-90	9380N, 10580E	Finish: 15/10/82	H85

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521	–	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			40.0		OVERBURDEN
50017	.004 / 9.0		49.0	BSLT TG	mod fractd pillowed several 1/8" ledrs @ ... minor py occ sph cpb
18	.053 / 6.0		55.0	BSLT TG-T	wkly fractd pillowed cherty pyritic cnts ... occ chert patch
19	.022 / 10.0		65.0	BSLT T -TG	wkly fractd pillowed poss ledr @ 60'-20° 61'-20°
20	.008 / 7.3		72.3	BSLT T	wkly fractd pillowed c py ≤10% on cnts 1/8" ledr swarm 70-72.3 @ 0°-20°
21	.002 / 10.0		82.3	BSLT T	mass to wkly fractd occ pillow
22	.002 / 8.7		91.0	BSLT T	mass to wkly fractd occ late carb vnlt occ pillow c minor py
50023	tr / 9.0		100.0	BSLT T	as above foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE .No #125

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start : 14/10/82	Drilled by
JM	Surf		-90	9320 10580E	Finish: 14/10/82	HES

Twp:	Claim	Dip Test	Comments:
Beatty	L4521	—	

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			52.0		Overburden
50004	.002/11.5		63.5	BSLT G	wkly frctd pillowed w pillow bx zns w chrt & py frags occ qtz-carb patches in pillows
05	tr/5.3		68.8	BSLT G-TG	mass to wkly frctd pillowed minor py in rinds
06	.018/5.8		72.6	BSLT TG	wkly frctd pillowed chrty pyrite rind 1" ledr 70.2 - 25° w sph spk 1/4" @ 72
07	.002/7.4		82.0	BSLT TG	mass to wkly frctd pillowed chrty pyrite rinds 15-20% py in rinds
08	.012/7.0		89.0	BSLT TG	mass to wkly frctd pillow 1/4" ledr 85 - 30° occ late carb frctd zns 1" ledr sparse 88.
09	tr/7.4		96.4	BSLT TG	wkly frctd pillowed chrty pyrite rinds 15-20% py in rinds occ late carb frctd
10	.048/3.6		100.0	BSLT TG	30% qtz carb ledr veins @ 0-20° w bx & prob true width 1/4" - 3"
					Foot of hole

MAUDE LAKE GOLD MINE LTD. BOREHOLE No #126

Logged by:	Elev:	Azim:	Dip	Grid Coordinates	Start: 14/10/87	Drilled by
JM	SURF		-90	9180N 10680E	Finish: 14/10/87	H & S

Twp:	Claim	Dip Test	Comments:
BEATTY	L4521		

Sample No:	Assay	HOLE	Footage	Rock Colour	DESCRIPTION
			48.0		OVERBURDEN
50011	.008 / 7.5		55.5	Bslt TG	med fractd wkly bxtd pillowed c minor py
50012	.002 / 8.5		64.0	Porph	MG dk gy mass 1% diss py
50013	.002 / 9.0		73.0	Porph	as above
50014	.002 / 8.5		81.5	Bslt TG	modly fractd & late carb fract ½" qtz vn @79.0 80.0 81.0 @45-60
50015	.002 / 9.5		91.0	Bslt T	wkly fractd pillowed cherty pyte pillows < 5% in rinds
50016	tr / 9.0		100.00	Bslt T	as above Foot of hole

MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE # 127

Logged by: J. A. Muir	Collar Elev. Surf	Azim. 360°	Dip -45°	Grid 9430 N Co-or 10344 E	Date Start 15/10/82	Date Finish 15/10/82
Grp. Beatty	Claim 4521	Dip Test 186' -45°00	Comments: H&S drilled AQ. Casing Pulled			

FOOTAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD
0.0		Collar						
46.0		Overburden						
50.0	PRPH	mg mass lt olive grn < 1% diss py		50031	46.0	50.0	4.0	.008
57.0	BSLT T	Tan vw frtd occ pill, 1/4" qv @70° some siderite zns		50032	50.0	57.0	7.0	.002
66.0	PRPH	mg mass H olive grn occ spk py		50033	57.0	66.0	9.0	.002
75.6	PRPH	as above occ qtz-feld vnlt		50034	66.0	75.6	9.6	.002
84.0	BSLT T	Tan mod frtd @60°, qtz-carb vein 82.0-82.6, 83.5-84.0 cntcs @ 50° all veins ± frct dry looking		50035	75.6	84.0	8.6	.010
94.0	BSLT T	Tan mass to wkly frct'd, pillowed - no chrt or py in rinds, frtd @ 45°		50036	84.0	94.0	10.0	tr
106.0	BSLT T	Tan as above		50037	94.0	106.0	12.0	tr
110.0	BSLT G	Grey(1) 60% qtz-carb w tan frag to 108.0 cntcs @ 60° wkly frtd w 1/4" ledr 109.7-110.0 @60° poss tourmaline		50038	106.0	110.0	4.0	.056
117.0	BSLT TG	Tan Grey wkly frtd @ 55° 2" vuggy carb qtz vien @ 116.0		50039	110.0	117.0	7.0	tr
123.7	BSLT TG	Tan Grey - Tan mod frtd @ 55°-60		50040	117.0	123.7	6.7	.014
132.4	BSLT G	Grey(2) hlly frtd w TY zns in q-c vns occ fuch & rare spks sph lstd @ 55° several sml qtz vns		50041	123.7	132.4	8.7	.086
138.0	BSLT TG	Tan Grey w TY hlly frtd, pillowed occ qtz-carb patch in rinds frcts variable		50042	132.4	138.0	5.6	.006
144.0	BSLT TG	Tan Grey w TY as above		50043	138.0	144.0	6.0	.002
153.7	BSLT G	Grey(1) wkly frtd w bx zns & inmrs qtz-carb ladder vns @60° w minor py, sph, occ fuch, chrty rinds 3" vuggy carb @ 151.0		50044	144.0	153.7	9.7	.042
160.3	BSLT TG	Tan Grey wkly frtd lcly brtd w 1/4" qtz-carb ledrs @ 60° occ spk sph in 1" vein @ 159.0 w VG - 5 spks		50045	153.7	160.3	6.6	.043
170.5	BSLT TG	Tan Grey - Tan wkly frtd occ carb vnlts, chrt rinds 1/8" ledr @ 164.0, gdnl change @ 165.0		50046	160.3	170.5	10.2	.002
171.5	VIEN	occ spk sph cntcs @ 53° 8" q-c ~1% py, poss spk gold, cut by late carb vn @ 30°		50047	170.5	171.5	1.0	.109
179.0	BSLT T	Tan w - mod frtd carb filled few q-c viens @ 40°, occ pillow w minor py in rinds		50048	171.5	179.0	7.5	.006
186.0	BSLT T	Tan pillowed vw frtd few q-c vnlts @ 60° chrty patches fresh look		50049	179.0	186.0	7.0	.020
		End of Hole						

MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE # 128

Logged by: J. A. Muir	Collar Elev. Surf	Azim.	Dip -45	Grid Co-or 9500 N 10275 E	Date Start 16/10/82	Date Finish 16/10/82
Grp. Beatty	Claim 4521	Dip Test 200' - 43°00	Comments: H&S drilled AQ casing pulled			

FOOTAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD
0.0		Collar						
45.0		Overburden						
55.0	BSLT T	Tan-Tan Yellow vw frtd pillowed occ sid patch @ 520-530		50114	45.0	55.0	10.0	.006
63.2	BSLT TY	Tan Yellow wkly frtd, wht qtz-carb vn 59.5-60.0 w epid 1" qtz-carb, grey 62.5-63.0 cntc @ 45° occ 1/8 vn H @ 45°		50115	55.0	63.2	8.2	tr
71.3	BSLT T	Tan-TY wkly frtd to mod frtd w TY zns occ 1/4" q-c @ 30°		50116	63.2	71.3	8.1	tr
76.8	BSLT TG	Tan Grey wkly frtd, occ irreg 1/4" qtz-carb, gy vein with siderite zns 71.3-72.8, siderite 72.8-73.5, vein 76.0-76.8 rre spk py, cntcs @ 60		50117	71.3	76.8	5.5	.002
86.0	BSLT T	Tan wkly frtd to mass occ irreg qtz-carb w occ spk sph		50118	76.8	86.0	9.2	.002
93.5	BSLT T	Tan As above occ pill rimd 6" wht qtz-carb (late) @ 86.3		50119	86.0	93.5	7.5	tr
106.0	BSLT	Green fresh pillowed mass rre spk py in rinds		50120	93.5	106.0	12.5	tr
117.0	BSLT	Green as above 6" wht qtz-carb @ 110.5		50121	106.0	117.0	11.0	tr
121.0	BSLT T	Tan mod frtd @ 60° mud slip @ 120' @ 45°		50122	117.0	121.0	4.0	.054
125.0	VEIN	60% qtz-carb w TY frag VG @ 123.0 w ep, spk spks		50123	121.0	125.0	4.0	.295
134.6	BSLT T	Tan mod frtd occ qtz-carb ladder type 1/4" vn lt @ 40°		50124	125.0	134.6	9.6	.020
138.5	VEIN	qtz-carb w TY frag occ fuch 137.5-138.5 < 1% py cntcs @ 40-45°		50125	134.6	138.5	3.9	.024
149.5	BSLT T	Tan mod frctd occ 1/4" q-c @ 30° @ 41', 44'		50126	138.5	149.5	11.0	.008
151.7	BSLT TG	Tan Grey w TY & carb zns, qtz-carb vn 50.3-51.7, wht & gy w occ spk sph in gy, some fuch cntc @ 40°		50127	149.5	151.7	2.2	.068
164.7	BSLT T	T-TY wkly frtd occ pill rre qtz-carb 1/4" vn lt, occ wht chrt patch		50128	151.7	164.7	13.0	.006
169.6	BSLT TG	TG w TY wkly frtd w nmrs q-c vn lts @ 45°, occ sph		50129	164.7	169.6	3.9	.016
177.6	BSLT TG	TG as above abundant sph 30% vein cntc @ 60°, occ fuch @ 176.0		50130	169.6	177.6	8.0	.018
187.0	BSLT T	Tan Pill wkly frtd rre 1/8" qtz vein occ qtz pill patch		50131	177.6	187.0	10.4	.036
192.0	BSLT T	Tan mod to wkly frtd 1/4" ledrs w py @ 187, 192' @ 60°, gy qtz-carb vein 188.0-188.5, occ TY patch		50132	187.0	192.0	5.0	.010
200.0	BSLT T	Tan mass occ pillow		50133	192.0	-200.0	8.0	.007
		Foot of Hole						

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MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE # 129

Logged by: J. A. Muir	Collar Elev. SURFACE	Azim.	Dip -45	Grid 9570 N Co-or 10200 E	Date Start 17/10/82	Date Finish 17/10/82
Twp. BEATTY	Claim 4521	Dip Test	Comments: H & S DRILLED AQ CASING PULLED			

FOOTAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD		
0.0		COLLAR								
50.0		OVERBURDEN								
57.4	BSLT T	TAN mass pillowed occ late carb frct @ 45		50101	50.0	57.4	7.4	.004		
63.0	BSLT T	TAN wkly frtd nmrs ireg carb vnlts @ 70° occ wkly brxtd zn, occ sml amyg zn		50102	57.4	63.0	5.6	.002		
68.7	BSLT T	TAN mod hlly frtd occ brxtd zn w cntcs @ 55° some sid altn @ 64.0 Poss mud slip		50103	63.0	68.7	5.7	.002		
75.2	BSLT TY	Brxtd w TY frag 40% qtz-carb mtrx frag lntd @ 70-75° < 1% py occ spk op		50104	68.7	75.2	6.5	tr		
80.0	BSLT T	mod grad to wkly frtd, ireg, 1/4 qv @ 70° - 77'		50105	75.2	80.0	4.8	tr		
84.5	BSLT T	mass 1/4" qv @ 45° @ 82		50106	80.0	84.5	4.5	tr		
95.7	BSLT	Green mfg mass w quench text occ ireg q-c vn @ 0°-5°		50107	84.5	95.7	11.2	tr		
100.0	BSLT T-G	TG altn zn around late wht qtz-carb vien w occ spk of py, vein 97.5 - 99.5		50108	95.7	100.0	4.3	tr		
106.0	BSLT	Green mass to vry wkly frtd		50109	100.0	106.0	6.0	tr		
119.0	BSLT	Green pillowed occ carb frct & vein fresh look		50110	106.0	119.0	13.0	tr		
133.0	BSLT	Green pillowed w zns hlly frctd & occ ptch or blb of TY altn, lntd @ 30°		50111	119.0	133.0	14.0	tr		
148.0	BSLT	Green mass pillowed occ carb vnlt @ 35°		50112	133.0	148.0	15.0	tr		
153.0	BSLT TG	TAN GREY mod frtd qtz carb vein 45-50° < 1% py cntc green to TG over 3" EOH		50113	148.0	153.0	5.0	.036		
		CASING SHIFTED - LOST HOLE STOPPED								

MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE # 130

gged : R.A. BENNETT	Collar Elev. SURF	Azim.	Dip -45	Grid 10630N Co-or 10250E	Date Start 16/10/82	Date Finish 16/10/82
p. BEATTY	Claim 4521	Dip Test 130 - 440°	Comments: H & S DRILLED AQ. CASING PULLED			

OTAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD
0.0		COLLAR						
27.0		OVERBURDEN						
41.0	BSLT	fg pale green pillowed w minor bx zones few qtz-carb sweats						
48.0	BSLT	Bx vuggy zn @ 46.0						
49.0	Sh. Vein	T 1" qtz-carb vn // @ 40° w Tgn alt halo ± 4"		50134	48.0	49.0	1.0	.004
109.0	BSLT	Green fg isolated pillowed few mic chl slips & carb frct fill, mass fresh locly pale dk gen to sltd purple hue						
114.0	BSLT	Green as above w few calc frct fills & bx zn		50135	109.0	114.0	5.0	tr
116.0	BSLT G	becomes grey, silicified, sharp cntc @ 40°	40	50136	114.0	116.0	2.0	.002
117.0	2 Vein	# 2 VEIN? 6" gy wht vn w ve 5% po-py ± sph, sp calc @ 40° pass VG @ 116.5, pass dk gen tourm	40	50137	116.0	117.0	1.0	.662
119.0	BSLT	Green dk gen sltd, mms g-c (late) vnlts @ 50°	50	50138	117.0	119.0	2.0	tr
127.5	BSLT	dk gen chl, pillowed lcly bxtd w calc fill occ purple patch or frag						
135.0	BSLT	GREEN - lt Tgn sltd w few 1/4-1/2" calc vnlts @ 45°	45	50139	127.5	135.0	7.5	tr
156.0	BSLT	Green f-mg dk gen isolated pill bx w occ qtz-carb calcite frt fill						
158.0	BSLT	Fresh as above becoming sltd cntc @ 40°	40	50140	156.0	158.0	2.0	.002
159.0	VEIN	Narrow gy 6" qtz vn w po py cp sph altd cntcs @ 35° sltd to wht calc	35	50141	158.0	159.0	1.0	.008
161.5	BSLT	Green fg sltd w 3" carb vn @ 161 w rre py, altd lt gy		50142	159.0	161.5	2.5	.002
164.0	BSLT	Green mass occ irreg carb vnlt		50143	161.5	164.0	2.5	tr
179.0	BSLT	Green fg sltd locl, pill bslt, occ calc slips						
180.0	QTZ	gy-wht qtz w tourmaline? - 1% py-po cntc @ 40°	40	50144	179.0	180.0	1.0	.163
		FOOT OF HOLE						

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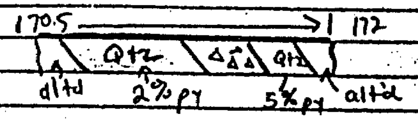
MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE # 131

Logged by: R.A. BENNETT	Collar Elev. SURFACE	Azim.	Dip	Grid Co-or 10600N 10200E	Date Start 17/10/82	Date Finish 17/10/82
Twp. BEATTY	Claim 4521	Dip Test 86 - 4600 / 180 - 4500	Comments: H & S DRILLED AQ CASING PULLED			

FOOTAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD		
0.0		COLLAR								
83.0		OVERBURDEN - DEEP TROUGH								
92.0	BSLT	Green fg pillow w few qtz sweats								
96.0	SAND	CRACK - Seam in Rock								
105.0	BSLT	fg green mass pillowed								
107.0	BSLT	as above but wkly bxtd w calc fill altd slfd @ cntc	42	50145	105.0	107.0	2.0	tr		
108.0	VEIN	#2 VEIN: Bx Zn slfd bslt bx cemented w qtz & carb w 2" gy qtz vein @ 107.6 @ 45° 1% py, po. Alor bslt frag bleached to tan	45	50146	107.0	108.0	1.0	.168		
110.0	BSLT	frctd & altd w 1/2" carb leach w py - 4% // TCA		50147	108.0	110.0	2.0	.008		
114.0	BSLT Bx	Bx zn altd pale grn, bxtd & filled w calc & qtz		50148	110.0	114.0	4.0	tr		
157.0	BSLT	fg green mass fresh pill bslt w occ carb frct fill & chl-carb gash vein, barren pill rinds.								
159.0	BSLT Bx	green fg bxtd w 90% calc 5% qtz fill (Barren)		50149	157.0	159.0	2.0	.002		
163.0	BSLT	mass pale green								
165.0	BSLT	Tan slfd vfg locally bxtd w few q-c 1/4-1" @ 43°. really altd 10% py	43	50150	163.0	165.0	2.0	.012		
168.0	BSLT	mass fresh few calc frts								
170.5	BSLT T	altd fctd (wkly-mod), w sevrl q-c 1/4" vnlts		50058	168.0	170.5	2.5	.002		
172.0	VEIN	7" Smoky grey qtz vn @ 45° w 2% py, 5" tan-yellow bslt bx & 3" qtz vn w 5% py. Altd CTs @ 45°	45	50059	170.5	172.0	1.5	.160		
174.0	BSLT	f-mg green fresh w sevl carb filled gash vns		50060	172.0	174.0	2.0	.006		
180.0	BSLT	massive fresh bslt								
		FOOT OF HOLE								



1-1

MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE # 132

Logged by: R. A. BENNETT	Collar Elev. SURF	Azim.	Dip -45	Grid Co-or 10620N 10150E	Date Start 18/10/82	Date Finish 18/10/82
Grp. BEATTY	Claim L.4521	Dip Test 200= 45°	Comments: H&S DRILLED AQ CASING PULLED			

FOOTAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD	ASSAYS
0.0		COLLAR							
97.0		OVERBURDEN							
98.0		RUBBLE							
107.0	BSLT	hlly weathered, rotten rusty basalt tan green							
108.0	SAND	Prdt, gabbo pebbles = Sand Seam.							
116.0	BSLT	pale green frctd in part weathered pillow bslt							
135.0	BSLT	f-mg(locl) quite mass isolated pillows w occ carb filled frcts &/or gash vlets							
136.0	VEIN	TAN GREY altd pill bslt w 3-1½" q-c vns@40° 5% py in veins	40	50061	135.0	136.0	1.0	.016	
145.0	BSLT	Pale green, hard dense pillow bslt 1/4" qtz vn w sericite mud seam @ 141'-35°, few carb frcts	35						
146.0	BSLT BX	5" carb qtz bx fill							
160.0	BSLT	pale green mass w chl carb filled frct							
162.5	BSLT	as above w 5" bull qtz vn assoc w pillow rind @ 161.0 @ 40°	40	50062	160.0	162.5	2.5	.006	
165.0	BSLT	as above w few ½-1½" carb vns w 5-10% py @ 40-55°	40	50063	162.5	165.0	2.5	.006	
167.5	BSLT	as above pale green w sevrl carb gash frct fills		50064	165.0	167.5	2.5	.004	
169.0	VEIN	TG SHfd & altd bxtd lava cut by 5 1-3" qtz-carb veins @ 50° 3% py, poss fuch-chlorite	50	50065	167.5	169.0	2.5	.303	(2 Vein ?)
171.0	BSLT	fg pale grn, mod frct, altn decreasing away from vein few carb vlet		50066	169.0	171.0	2.0	.010	
200.0	BSLT	fg pale grn dense pillowed w occ carb filled frct, qtz sweat etc.							
		FOOT OF HOLE							

MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE # 133

Logged by: R.A. BENNETT	Collar Elev. SURFACE	Azim. Grid S	Dip -45	Grid Co-or 10,120N 10,100E	Date Start 19/10/82	Date Finish 19/10/82
Grp. BEATTY	Claim L4521	Dip Test	Comments: H & S DRILLED AQ CASING PULLED			

FOOTAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD	ASSAYS
0.0		COLLAR							
40.0		OVERBURDEN							
105.0	BSLT	fg pale green mass isolated pill bslt fresh few carb-chl gash veins, qtz sweat assoc w pillow rinds few syn-dep bx zns							
107.0	BSLT	as above		50067	105.0	107.0	2.0	.008	
108.0	VEIN	SHEET VEIN(?) cntc @ 38° 5" qtz w unaltd cntcs 2% py, minor po, spb, trc cpy, 3" bldy altd yellow bx zn @ LCT	38	50068	107.0	108.0	1.0	.764	Un 1
110.0	BSLT	fg pale grn v wkly fol'd pill bslt, fracts carb-filled		50069	108.0	110.0	2.0	.007	
178.0	BSLT	fg pale grn fresh pill bslt occ carb fill fract 30-60° occ qtz sweat @ pill rinds							
188.0	BSLT	fg pale grn pill to lcly pill bx w calc fract fill							
189.0	QTZ	wht bull & min calc in bxtd lava altd to tan en cntcs no py cntc @ 45	45	50070	188.0	189.0	1.0	.012	
190.5	BSLT	fg pale grn loc bxtd altd bslt							
192.0	Carb-bx	bx vein, pale grey wkly altd but with calc mtrx fill 25% w few cubes of galena < 1/2%		50071	190.5	192.0	1.5	.004	(Galena)
206.0	BSLT	fg pale green wkly bxtd bslt w carb fract fill END OF HOLE							

MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE # 134

gged: R A Bennett	Collar Elev. SURF	Azim. 315°	Dip -45	Grid Co-or 14W 11N	Date Start 19/10/82	Date Finish 21/10/82
p. Beatty	Claim	Dip Test	Comments: BQ core, H&S drilled, Cas. pulled.			

OTAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD		
0		COLLAR								
100		OVERBURDEN. - clay.								
150	GB	GABBRO - m-cg green wkly to mody mtc								
		FOOT OF HOLE.								

MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE #S8

Logged by: R. BENNETT	Collar Elev. SURF	Azim. 160°	Dip -50	Grid Co-or 40W 20S SALVE L	Date Start 12/01/82	Date Finish 12/07
Twp. BEATTY	Claim L642573	Dip Test 300 = 47°30 / 540 = 42°30	Comments: SALVE WEST. Drilled by H&S, Core = BQ, Lengths			

FOOTAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD	ASSAYS	
0		Collar								
202		Overburden - 20' clay, 100' sand, 10' gravel, 72' sand								
206		RUBBLE - gb, pd, diabase, congl. bldrs								
235	GAB	mg; pale green, mass to fract with calcite fill (50%)	35							
		weak foln @ 35°, wkly magn, <1% py								
245.5	GAB	CG, green fractured with minor Leucox.								
245.9	QTZ	milky to smokey vn @ 70°, 1% py, 5% carb	70	35729	245.5	245.9	.4	trace		
274.5	GAB	Very CG, BLOTCHY GAB, locally bx'td & veined	35	35730	266	268.5	2.5	.010	= few q/c	
		with quartz - carb fill. (2 cm fld's clots)		35731	268.5	271	2.5	.006	= "	
276	Calcite	as above with white calcite vein @ 40° to CA.	40	35732	274.5	276	1.5	.002	= carb bx	
343.5	GAB	CG BLOTCHY gab grades to sheared mg gab	35	35733	317	318	1	tr	= calcite vein	
		at 338 ft to brecciated, altered & chilled		35734	340	343.5	3.5	tr	= bx'td ct zone	
		lower contact at 35°								
344.3	MUD	green chl-carb mud. WKLY conductive	35	35735	343.5	344.3	.8	tr	= FAULT	
346	BSLT-BX	pale yellow, sheared, vfg CT zone with minor	30	35736	344.3	346	1.1	.004		
		black chert s'cats.								
406	BSLT	fg pale grn, wkly sheared isolated pillow	35							
		basalt, nmrs calcite-filled fract, <1% py								
408	BSLT BX	vfg tan bx (like 'S' zone), yellow clasts, 1-3% py		35737	406	408	2	tr		
449.4	BSLT	fg tan green, wkly fract, local bx + q-c vnlts	40	35738	411	412	1	tr	1/2 q-c lo. der	
		Sharp LCT @ 40								
486.8	PORP	vfg cherty, grey fldspr. Porph. wkly to		35739	475	475.8	.8	tr	qtz in Porp	
		mody fractured with q-c fill. White								
		qtz vein 475 - 475.8								
501	BSLT	fg tan, mass, isolated pillow, few q-c vnlts	40	35740	443	445	2	tr	= 2 - 3/4" qtz vn	
502.2	GRAP	Black graphitic chert with 3% q-c vnlts.	34							
509	BSLT-BX	fg tan-yellow, sericic, silicif, bxtd - Minor FUCHSITE		35741	502.2	503.7	1.5	.002	= BX - altd	
		qtz-carb filled fract. 1% py, patch CPY @ 505		35742	503.7	506	2.3	tr	= BX altd	
531	BSLT	vfg tan-gy wkly fract'd, few carb fract-fills	30	35743	506	509	3	tr	= CPY	
539	GRAP	black GRAPHITE-CARBONATE RICH zone in		35744	531	535	4	.002	= Graph	
		Sheared & highly altered tan-yellow BSLT 1% py		35745	535	538	3	.002	= "	
544	BSLT	vfg tan-gy, wkly fract as before.								
556	BSLT-BX	fg tan to tan-yellow bxtd & sheared	50	35746	552	554	2	.004	= BX	
		silic & carb'd c 10% gray, 3% py & FUCHSITE		35747	554	556	2	.004	= Vn	+ Bx

MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE # S82-2[illegible]

Logged by: R. Bennett	Collar Elev. Surf	Azim. 180	Dip -55	Grid Co-or 7+50W 13S	Date Start 12/07/82	Date Finish 12/12/82
Twp. BEATTY	Claim 642786	Dip Test 300 - 55	Comments: SALVE WEST. H 85 - BQ, 571' length			

FOOTAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD	Notes	
0		COLLAR.								
31.5		OVERBURDEN - mostly clay.								
33.5		Peridotite boulders - 5 feet of core								
87	BSLT	fg, tan grn, wkly slfd lava, nmrs q-c vlts								
95	LC	Ground core - several quartz chips in rubble								
103	BSLT	fg tan-green as at 87'	35°							
136	BSLT BX	fg tan to tan yellow, shr'd & bxtd, Fe-carb'd		35750	116	119.5	3.5	.002	= carb bx	
		svrl q-c vlts, pillows noted, loc'ly rexl'ed								
150	CARB	pale lime green to tan, highly sheared,		35748	136	139	3	tr	}	
		highly Fe-Mg Carb metasomatized		35749	139	143	4	tr	}	
		lava - totally rexled		31269	143	147	4	tr	} CARB ZONE	
				31270	147	150	3	.002	}	
190	BSLT	pale tan-green, wkly fract, pillows, nmrs calcite	30	31271	164	165	1	tr	q.v.	
		filled fracts, few bx zones. 1" QV @ 164.5								
208	BSLT-CARB	pale tan strgly fol'd & fractured @ 30-50° with	40	31272	190	194	4	tr	}	
		20% carb to 60% carb (metasom) almost		31273	194	198	4	.002	}	
		totally rexled. Few LADDER VNS & q-c vns.		31274	198	203	5	.002	} BS-CARB	
		(DOES NOT resemble S zone - rather carbonate		31275	203	206	3	tr	}	
		assoc w/ LL Break)		31276	206	208	2	tr		
231.5	BSLT	Gradational to less altered & fract'd recognizable	40	31277	208	213	5	tr		
		lava again		31278	213	218	5	tr		
				31279	218	221	3	tr		
				31280	221	224	3	.002		
				31281	224	225	1	.002	- Vein	
				31282	225	231.5	6.5	tr		
241.5	BSLT-BX	tan yellow, silicified, bxtd with q-c fill		31283	231.5	233.5	2	tr	}	
		few q veins		31284	233.5	237.5	4	tr	} Bx	
				31285	237.5	241.5	4	tr	}	
295	BSLT	tan-grn to gy, fract'd, few bx'td & altd	35	31286	278.5	280.2	1.7	tr	- FUCHSITE in q[illegible]	
		sections assoc. with q-vns. FUCHSITE		31287	291	295	4	.002	- Bx zone.	
315	BSLT	Grey, carb'd & fract'd, few carb leaders		31288	302.5	304.5	2	tr	- carb leader	
		20° calcite [illegible] qtz								
327.5	BSLT	fg gy rather massive to wkly fol'd, quite		31289	356	358	2	tr = q-c	fractures	
		fresh few q-c vns in fractures		31290	358	361	3	tr = q-c	"	
		SHARP LCT		31291	361	362	1	tr = tourmaline q-v.v		
				31292	418	421	3	tr = few leader v.v		

CONT'D →

MAUDE LAKE GOLD MINES LTD. - BOREHOLE LOG

HOLE # S82-2

ged	Collar Elev.	Azim.	Dip	Grid Co-or	Date Start / /	Date Finish / /
.	Claim	Dip Test	Comments:			

TAGE	ROCK	DESCRIPTION	CA	SAMPLE NUMBER	FOOTAGE from	FOOTAGE to	LENGTH	ASSAYS GOLD		
				31293	439	441	2	tr	= wkly altd	- q.v
				31294	441	443	2	tr	= " "	q.v.
				31295	461	463	2	tr	= 5 ¼" lea	ders
				31296	443.5	444.5	1	tr	= bx tan	+ q-c vn
				31297	510	511	1	tr	= bx + 1"	q-c vn
				31298	516	517	1	tr	= 1½" q.v	
				31299	524	527.5	3.5	tr	= fract'd	
46	BSLT-BX	tan yellow, fg, highly altd, fractured, with		31300	527.5	530.5	3	.002	= q.c vnl	TS
		several q-c vnlts, locally bx "S Zone"		50072	530.5	532	1.5	tr	= altd	
				50073	532	536	4	tr	= vnlts	
		- Overall a weak zone -		50074	536	537.5	1.5	tr	= ½ smokey	vn
				50075	537.5	543	5.5	tr	= fract	
				50076	543	546	3	tr	= several q	-c vnlt
56	BSLT	fg, pale tan green, wkly fract'd c q-c fill	45	50077	546	549	3	tr	= few vnl	ts
		& vn leaders, quite fresh.		50078	549	551.5	2.5	tr	= several	q-c leade
				50079	551.5	554	2.5	tr	= fresh	
				50080	554	556	2	tr	= q.c vnl	@ 45°
71	BSLT	fg tan-green with minor sericite streaks, sev'l		50081	556	561	5	tr	= altd	wkly
		q-c vnlts & leaders (20-50°) Rock is		50082	561	566	5	.003	= q-c le	aders
		quite Fresh		50083	566	571	5	tr	- q-c le	aders
		EOH								

5. ASSAY CERTIFICATES

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 15576 DATE: July 13, 1982

SAMPLE(S) OF: Rock(69) RECEIVED: July 1982

SAMPLE(S) FROM: Mr. R. A. Bennett, Maude Lake Gold Mines Ltd.

Shaft & #2 Vein:

(1)

Samp.No.	Width	Oz. Gold
F35501	3	0.002*
2	3	Trace
3	2	0.002*
4	2	Trace
5	2	Trace
6	2	Trace
7	3	Trace
8	3	0.014
9	2	0.002*
F35510	2	0.002*
1	1	0.238 - 0.244 Sh.Vn
2	2	Trace
3	3	Trace
4	4	0.012
5	3	Trace
6	3	Trace
7	2	Trace
8	4	Trace
9	4	Trace
F35520	5	Trace
1	5	Trace
2	5	Trace
3	5	Trace

Samp.No.	Sample Width	Oz. Gold
F35524	5	Trace
5	1	Trace
6	4	Trace
7	5	Trace
8	2	Trace
9	5	Trace
F35530	4	Trace
1	3	Trace
2	3	Trace
3	2	Trace
4	3	0.040 — 2 Vn
5	2	0.002*
6	3	Trace
7	2	0.634 - 0.646 Sh.Vn
8	2	0.006 — Sh.Vn
9	2	0.040
F35540	1.5	0.070 — Sh Vn
1	2	0.002*
2	1.3	0.028 — Sh Vn
3	3	0.002*
4	2	0.024 — Sh.Vn
5	3	Trace
6	1	0.002* — Sh Vn.

Samp.No.		Oz. Gold
F35547	3.5	Trace
8	5	Trace
9	2	Trace
F35550	1	0.022 — Sh.Vn.
1	4	Trace
2	2	0.088 - 0.096
3	1	0.130 - 0.124 — Sh
4	2	0.002*
5	2	Trace
6	1	0.004 — Sh.Vn
7	3	0.004
8	2	0.262 - 0.258 — Sh.
9	1	0.004
F35560	2½	0.004
1-3		0.066 — 2 Vn
2	2.5	0.004
3	3	0.062 — 2 Vn
4	2	Trace
5	3	Trace
6	3	0.042 — 2 Vein
7	3	0.002*.
8	3	0.206 - 0.208 — 21 0.18
9	2.5	0.002*

* Estimated.

Cont'd

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 15672 DATE: July 15, 1982

SAMPLE(S) OF: Rock(24) RECEIVED: July 1982

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines Ltd.

Shaft & No 2 Vein ②

Sample No.	Width (ft)	Oz. Gold
F35570	2'	0.002*
1	2.5	0.048 — 2 Vn
2	2.5	Trace
3	2	Trace
4	2	0.218 - 0.216 — 2 Vn (217)
5	2.5	Trace
6	2	0.002*
7	2.5	0.402 - 0.390 — 2 Vn (396)
8	2.5	0.005
9	2	0.002*
F35580	2.5	0.242 - 0.246 — 2 Vn
1	3	0.002*
F35582	3	0.005
3	2	0.052 — 2 Vn
4	2	0.462 - 0.468
5	2	0.740 - 0.736 — 2 Vn
6	2	0.018 -
7	1	0.002*
8	2	0.148 - 0.154
9	1.5 (244)	0.422 - 0.406 — 2 Vn
F35590	2.5	0.084 - 0.093
1	4	Trace
2	1.5	0.028 — 2 Vn
3	2'	0.144 - 0.146

* Estimated.

Cont'd

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 16430 DATE: July 28, 1982

SAMPLE(S) OF: Rock(18) RECEIVED: July 1982

SAMPLE(S) FROM: Mr. R. A. Bennett, Maude Lake Gold Mines Ltd.

Shaft & No.2 Vei
(3)

Sample No.	width (ft) ↓	Oz. Gold	
F35594	2.3'	0.162	
5	2.4	0.382	
6	2.3	0.760 - 0.762	
7	2.8	0.296	
8	2.2	0.358	
9	2.0	0.204 - 0.208	2 Vein Fresh Samp
F35600	1.8	0.152	
1	1.9	0.252	
2	1.5	0.160 - 0.156	
3	1.5	0.216	
4	1.5	0.370	
5	2.0	0.480 - 0.466	
6	2.0	0.174	
7	1'	2.07 - 2.12	
8	1.5'	0.070	Shaft Ve Fresh
9	1.9'	1.06	
F35610	1.9	0.546 - 0.522	
1	1.5'	0.144	

Cont'd

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 17939 DATE: August 25, 1982

SAMPLE(S) OF: Rock(60) RECEIVED: August 1982

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines Ltd.

Shaft & No.2. Veins

④

Sample No.		Oz. Gold		
F35612		Trace		SalveLake Samples
3		Trace		
4		Trace		
5		Trace		
6		Trace		
7		Trace		
8		Trace		
9		Trace		
F35620		Trace		
1		Trace		
2		Trace		Coulson Samples.
3		Trace		
4		0.692	- 0.694	- HEWIT VEIN
5	1'	0.454	- 0.464	- Shaft Vn
6	bulk 1.3'	2.12	- 2.18	— Sh. Vn
7	2.3	0.530	- 0.512	— 2. Vn
8	grab	0.212	- 0.218	— 2. Vn
9	1'	0.092		— Sh. Vn
F35630	1.6	0.016		
1	1	0.256	- 0.252	— Sh. Vn
2	2.5	0.002*		
3	1'	0.086		— Sh. Vn
4	4.5'	0.056		
5	3'	0.252	- 0.232	— 2. Vn
6	3'	0.286	- 0.264	— 2. Vn
7	2	0.012		
8	3	0.204	- 0.186	— 2Vn
9	2.3	0.012		
F35640	3	0.090		— 2. Vn
1	2.5	0.016		

Sample No.		Oz. Gold		
F35642	Slab-D	0.114	- 0.130	
3	Slab-C	0.256	- 0.250	
4	Slab-BD	0.316	- 0.302	
5	1.5'	0.276	- 0.262	— 2V.
6	2	0.020		
7	3	0.052		— 2Vn
8	3	0.002*		
9	3	Trace		
F35650	1.8	0.102	- 0.112	— 2Vn
1	1.8	0.042		— 2Vn
2	1.5	0.078		— 2. V.
3	2	0.002*		
4	1'	0.046		— 2 Vn
5	4	0.014		
6	1.5	0.214	- 0.232	West Dist ↓
7	2.5	Trace	↖2Vn	
8	2.2	0.002*		
9	5	0.002*		
F35660	2	Trace		— 2 Vn
1	1.5	Trace		
2	1	Trace		
3	5	0.016		
4	5	0.002*		
5	8	Trace		
6	2	0.002*		
7	5	Trace		
8	9	Trace		
9	3	Trace		
F35670	4	Trace		
1	3.5	Trace		

* Estimated.

Cont'd

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER [signature]

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 13921 DATE: September 2, 1982

SAMPLE(S) OF: Rock(31) RECEIVED: August 1982

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines Ltd.

West of Diabase

Sample No.		Oz. Gold
F35672	1.6	0.036
3	.5	0.010 — Sh.Un
4	1.3	0.024
5	1	0.006 — Sh.Un
6	2	0.006
7	.5	1.37 - 1.40 — Sh.Un
8	2	0.008
9	BULK	1.48 - 1.54 — Sh.Un
F35680	2.5	0.006
1	.6	1.05 - 1.06 — Sh.Un
2	2	0.002*
3	BULK	0.422 - 0.455 — Sh.Un(439)
4	.8	0.244 - 0.256 — Sh.Un
5	4'	0.010
6	.6	0.654 - 0.672 — Sh.Un
7	1.6	0.002*

Shaft & No. 2 Veins (5)

Sample No.		Oz. Gold
VG - F35688	.7	0.626 - 0.606 — S
9	3'	Trace
F35690	.5	1.19 - 1.20 — S
1	2	0.008
2	.5	0.006 — Sh.Un
3	1	0.062 — Sh.Un
4	.4	0.146 - 0.127 — S
F35701	3	0.010
2	1	0.006 — 2Un
3	5	0.002*
4	1.5	0.582 - 0.576 — S
5	1'	0.026 — 2Un
6	1.2	0.096 — 2Un
7	.5	0.064 — 2Un
8	3	0.008 — 2Un

* Estimated.

Cont'd

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.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 22037 DATE: October 6, 1982

SAMPLE(S) OF: Rock (25) RECEIVED: October, 1982

SAMPLE(S) FROM: Mr. R. Bennett for Maude Lake Gold Mines Ltd.

Shaft & No. 2 Vein (6)

#2 Vein NE end - Oxidized Samples

Sample No.		Oz. Gold	
F35695	4'	0.002*	
96	2.5	0.020	— 2 Vn
97	4'	0.002*	
98	2.5	0.036	— 2 Vn
99	3'	0.072	— 2 Vn
F35700	4	Trace	
09	3.5	Trace	
F35710	3	0.024	— 2 Vn
11	4	0.002*	
12	2.5	0.116-0.112	— 2 Vn
13	2	0.038	
14	3	0.188-0.182	— 2 Vn
15	4	0.008	
16	3.5	0.002*	
17	3	0.038	— 2 Vn
18	3	0.010	— 2 Vn
19	3	0.006	— 2 Vn
F35720	4	Trace	
21	3	0.046	— 2 Vn
22	4	0.002*	
23	3	0.096	— 2 Vn
24	3	0.008	— 2 Vn
25	3	0.012	— 2 Vn
26	5	Trace	
27	3	0.010	— 2 Vn

* estimated

Finish
Sh. & 2 Veins

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 19915 Page 1 of 4 DATE: September 22, 1982

SAMPLE(S) OF: Fines (250) RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Mines Ltd. Percussion Drilling

Sample No.	Oz. Gold
F35751	Trace
2	Trace
3	Trace
4	0.024
5	0.046
6	0.002*
7	0.006
8	0.008
9	0.020
F35760	0.002*
1	0.002*
2	Trace
3	0.046
4	0.028
5	0.016
6	0.002*
7	0.008
8	0.012
9	0.022
F35770	0.008
1	Trace
2	Trace
3	0.004
4	Trace
5	0.054
6	0.042
7	0.018
8	0.008
9	0.016
F35780	Trace
1	Trace
2	Trace
3	0.002*
4	0.022

Hole # 82-1

#2

#3

#4

Keep

Sample No.	Oz. Gold
F35785	0.012
6	0.016
7	0.024
8	0.006
9	0.004
F35790	0.002*
1	0.002*
2	0.006
3	0.100-0.104
4	0.028
5	0.002*
6	0.002*
7	0.056
8	0.032
9	0.036
F35800	0.002*
1	0.020
2	0.002*
3	0.002*
4	0.018
5	0.042
6	0.116-0.122
7	0.016
8	0.008
9	0.054
F35810	0.002*
1	0.002*
2	0.002*
3	0.112-0.112
4	0.874-0.844
5	0.062
6	0.082
7	0.092
8	0.036

#5

#6

#7

#8

#9

Keep

Keep

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.

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BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 19915 Page 2 of 4 DATE: September 22, 1982

SAMPLE(S) OF: Fines ↑250)

RECEIVED: September, 1982

SAMPLE(S) FROM: Haude Lake Gold Mines Ltd.

Sample No.	Oz. Gold	
F35819	0.048	
~~20~~	~~no sample~~	
#9 cont'd 1	0.020	
2	0.002*	
3	0.002*	
4	Trace	
5-	0.832-0.855	
6-	0.414-0.437	
#10 7	0.402-0.382	
8	0.096	
9	0.044	
F35830	0.008	
1	0.012	
2	0.140-0.140	Keep
3	0.048	
4	0.352-0.338	
#11 5	1.12 -1.13	
6	0.122-0.118	(.162-.102)
7	0.042	
8	0.024	
9	0.028	
F35840	0.002*	
1	0.072	
2	0.022	
#12 3	0.012	
4	0.002*	
5	0.002*	
6	0.002*	
7	0.202-0.206	
8	0.008	
#13 9	0.092	
F35850	0.002*	
1	0.006	
2	0.046	

Sample No.	Oz. Gold	
F35853	0.102-0.106	
4	0.072	
5	0.348-0.330	
6	0.016	
7	0.010	Keep
#14 8	0.058	
9	0.046	
F35860	0.052	
1	0.568-0.588	
2-	0.150-0.158	
3-	0.012	
4-	0.002*	
5	0.008	
#15 6	Trace	
7	Trace	
8	Trace	
9	0.002*	
F35870	0.002*	
1	Trace	
2-	0.146-0.138	
3	0.562-0.594	
4-	0.086	
#16 5-	0.024	
6	0.002*	
7	0.020	
8	0.008	Keep
9	0.030	
F35880	0.022	
1	0.012	
2	0.028	
#17 3	0.032	
4	0.072	
5	0.020	
6	0.008	

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.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 19915 Page 3 of 4 DATE: September 22, 1982

SAMPLE(S) OF: Fines (250) RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Gold Mines Ltd.

Sample No.	Oz. Gold
F35887	0.018
8	0.002*
9	Trace
F35890	Trace
1	0.002*
#18 2	0.028
3	0.002*
4	Trace
5	Trace
6	0.108-0.104
7	0.026
#19 8	0.014
9	0.094
F35900	0.162-0.162
1	0.022
2	0.018
3	Trace
4	0.010
5 - 2 Boop	Trace
6	Trace
#20 7	0.094
8	0.002*
9	0.026
F35910	0.046
1	0.002*
2	0.064
3	0.258-0.246
4	0.068
5	0.~~24~~-.024
#21 6	0.014
7	0.006
8	0.012
9	0.022
F35920	Trace

Sample No.	Oz. Gold
F35921	Trace
2	0.002*
3	Trace
#22 4	Trace
5	0.066
6	0.026
7	0.008
8	0.034
9	0.050
F35930	0.024
1	0.062
#23 2	0.008
3	Trace
4	0.002*
5	0.008
6	Trace
7	Trace
#24 8	Trace
9	Trace
F35940	Trace
1	0.002*
2	Trace
3	Trace
4	0.002*
5	Trace
#25 6	Trace
7	0.026
8	0.002*
9	0.006
F35950	0.002*
1	Trace
#26 2	Trace
3	0.002*
4	Trace

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 19915 Page 4 of 4 DATE: September 22, 1982

SAMPLE(S) OF: Fines (250) RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Gold Mines Ltd.

Sample No.	Oz. Gold
F35955	Trace
6	0.056
#26 7	0.140-0.154
8	0.026
9	0.056
F35960	0.040
1	0.018
#27 2	0.254-0.238
3	0.026
4	0.002*
5	Trace
6	Trace
7	Trace
8	0.002*
9	Trace
F35970	Trace
#28 1	0.002*
2	Trace
3	Trace
4	0.030
5	Trace
#29 6	0.014
7	Trace

Sample No.	Oz. Gold
F35978	0.002*
#29 9	0.048
F35980	0.002*
1	0.010
2	0.042
3	Trace
4	Trace
#30 5	0.002*
6	0.002*
7	Trace
8	0.002*
9	Trace
F35990	0.002*
1	0.164-0.166
2	0.238-0.242
3	0.016
#31 4	0.006
5	0.020
6	0.006
7	no sample .026
8	0.010
#32 9	Trace
F36000	0.006
no tag	Trace
Sept.17 no tag	0.002*

* estimated

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P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 20595 Page 1 of 2 DATE: September 27, 1982

SAMPLE(S) OF: Fines (128) RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Gold Mines Ltd.

Sample No.	Oz. Gold
F44001	Trace
2	0.002*
#32 cont'd. 3	0.002*
4	0.002*
5	0.036
6	0.018
7	Trace
#33 8	Trace
9	Trace
F44010	Trace
11	Trace
12	Trace
13	Trace
14	Trace
15	0.002*
16	Trace
#34 17	Trace
18	Trace
19	0.002*
F44020	Trace
21	Trace
22	Trace
23	0.008
24	Trace
25	Trace
#35 26	0.002*
27	Trace
28	Trace
29	0.002*
F44030	0.006
31	Trace
32	Trace

Sample No.	Oz. Gold	
F44033	Trace	
4	Trace	
#36 5	Trace	
6	Trace	
7	Trace	
8	Trace	
9	Trace	
F44040	Trace	
1	0.002*	
2	Trace	
#37 3	Trace	
4	0.002*	
5	Trace	
6	0.002*	
7	0.030	Keep
8	0.016	
9	0.008	
F44050	0.002*	
1	0.006	
#38 2	0.004	
3	0.008	
4	0.002*	
5	0.008	
6	0.002*	
7	0.012	
8	0.020	Keep
9	0.512-0.524	
F44060	0.228-0.224	
1	0.008	
2	0.006	
3	0.002*	
4	0.002*	

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.

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P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 20595 Page 2 Of 2 DATE: September 27, 1982

SAMPLE(S) OF: Fines (128) RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Gold Mines.

Sample No.	Oz. Gold	
F44065	0.002*	
6	0.002*	
#39 cont'd 7	Trace	
8	Trace	
9	Trace	
F44070	Trace	
1	0.054	Keep
2	0.020	
3	0.046	
4	0.212-0.192	
5	Trace	
6	0.022	
7	Trace	
#39 8	0.002*	
9	Trace	
F44080	0.002*	
2	Trace	
3	0.068	
4	0.002*	
5	0.002*	
6	0.006	
7	0.002*	
8	Trace	
9	Trace	
F44090	0.002*	
1	0.002*	
2	0.002*	
3	Trace	
4	Trace	
5	0.002*	
#40 6	0.372-0.356	
7	0.094	

Sample No.	Oz. Gold	
F44098	0.126-0.136	
9	0.046	Keep
F44100	0.012	
1	0.008	
2	0.002*	
#40 cont'd 3	0.002*	
4	Trace	
5	0.002*	
6	Trace	
7	Trace	
8	Trace	
9	Trace	
F44110	Trace	
1	Trace	
2	Trace	
3	Trace	
4	Trace	
5	Trace	
6	0.112-0.118	
7	0.082	
8	0.040	
9	0.034	
F44120	0.008	
#41 1	0.012	
2	0.006	
3	0.016	Keep
4	0.048	
5	0.022	
6	0.016	
7	0.014	
8	0.096	
#42 9	0.112-0.116	

* estimated

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 20927 Page 1 Of 2 DATE: September 29, 1982

SAMPLE(S) OF: Fines (120) RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Gold Mines.

Sample No.	Oz. Gold	
F44130	0.106-0.104	Keep
31	0.098	
32	0.010	
#42 cont'd 33	0.010	
34	0.002*	
35	Trace	
36	0.010	
37	0.002*	
38	0.006	
39	0.030	
? F44140	Trace	
41	Trace	
42	Trace	
43	Trace	
44	Trace	
#43 45	Trace	
46	Trace	
47	0.016	Keep
48	0.142-0.136	
49	0.032	
F44150	0.006	
51	0.038	
52	0.002*	
53	0.002*	
54	0.018	
55	0.002*	
56	0.016	
57	Trace	
58	0.046	
59	0.010	

Sample No.	Oz. Gold	
F44160	0.004	
61	Trace	
#43 cont'd 62	0.032	
63	0.002*	
64	0.002*	
65	Trace	
66	Trace	
67	Trace	
68	0.002*	
69	Trace	
F44170	Trace	
71	Trace	
#44 72	0.020	
73	0.046	Keep
74	0.084	
75	0.022	
76	0.018	
77	0.010	
78	0.018	
79	0.012	
F44180	0.002*	
81	0.012	
82	0.008	
83	0.002*	
84	0.002*	
85	0.002*	
86	0.012	
87	0.006	
88	0.002*	
89	0.002*	

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P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 20927 Page 2 of 2 DATE: September 29, 1982

SAMPLE(S) OF: Fines (120) RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Gold Mines.

Sample No.	Oz. Gold	
F44190	0.010	
91	0.082	
92	0.116-0.124	Keep
93	0.206-0.206	
#45 94	0.052	
95	0.020	
96	0.002*	
97	Trace	
98	0.002*	
99	Trace	
F44200	0.006	
01	0.004	
02	0.008	
03	0.002*	
04	0.062	
05	0.182-0.200	Keep
06	0.072	
07	0.006	
08	0.012	
09	0.008	
F44210	0.030	
11	0.016	
12	0.018	
#46 13	0.004	
14	0.004	
15	Trace	
16	Trace	
17	Trace	
18	0.016	
19	0.002*	

Sample No.	Oz. Gold
F44220	0.002*
21	Trace
22	0.002*
23	0.054
24	0.008
25	0.006
#46 cont'd 26	Trace
27	0.008
28	Trace
29	Trace
F44230	0.002*
31	0.002*
32	0.012
33	0.006
34	0.014
35	0.018
36	Trace
37	Trace
#47 38	Trace
39	Trace
F44240	Trace
41	0.156-0.162
42	0.030
43	0.014
44	0.026
45	0.004
46	0.022
47	0.036
48	0.008
#48 49	0.002*

* estimated

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.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 20928 Page 1 of 4 DATE: September 29, 1982.

SAMPLE(S) OF: Fines(240) RECEIVED: September 1982.

SAMPLE(S) FROM: Maude Lake Gold Mines Limited.

Sample No.	Oz. Gold	
F44250	Trace	
#48 1	0.002*	
2	0.002*	
3	0.028	
4	0.016	
5	0.104 - 0.102	Keep
6	0.072	
7	0.032	
8	0.076	
9	0.024	
F44260	0.020	
1	0.034	
2	0.024	
3	0.016	
#49 4	0.016	Keep.
5	0.052	
6	0.082	
7	0.046	
8	0.018	
9	0.018	
F44270	0.002*	
1	0.004	
2	0.012	
3	0.066	
4	0.010	
5	0.006	
6	0.084	
7	0.048	
8	0.012	
9	0.016	

Sample No.	Oz. Gold
F44280	0.020
1	0.070
#49 contd 2	0.002*
3	Trace
4	0.008
5	0.034
6	0.026
7	0.006
8	Trace
9	0.004
F44290	0.004
#50 1	0.006
2	0.028
3	0.006
4	0.020
5	0.004
6	0.012
7	0.072
8	0.060
9	0.326 - 0.314
F44300	0.024
1	0.006
2	0.010
#51 3	0.002*
4	0.002*
5	0.002*
6	Trace
7	Trace
8	0.006
9	0.004

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 20928 DATE: September 29, 1982.

SAMPLE(S) OF: Fines(240) RECEIVED: September 1982.

SAMPLE(S) FROM: Maude Lake Gold Mines Limited.

Sample No.	Oz. Gold
F44310	0.028
1	0.032
2	0.034
3	0.032
#52 4	0.002*
5	Trace
6	0.008
7	Trace
8	0.064
9	0.014
F44320	0.014
1	0.002*
2	0.152 - 0.146
#53 3	0.008
4	0.024
5	0.006
6	0.008
7	0.020
8	0.002*
9	0.002*
F44330	Trace
1	0.016
#54 2	0.198 - 0.206 - KEEP
3	0.016
4	0.010
5	0.002*
6	Trace
7	0.010
#55 8	Trace
9	0.002*

Sample No.	Oz. Gold
F44340	Trace
1	0.002*
2	0.056
#55 contd 3	0.004
4	0.012
5	0.002*
6	0.004
7	0.008
8	0.002*
9	0.010
F44350	0.002*
1	Trace
2	Trace
3	0.006
#54 4	0.052
5	0.092
6	0.036
7	0.002*
8	Trace
9	Trace
F44360	0.006
1	0.004
2	0.006
3	0.026
4	0.002*
5	Trace
6	0.016
7	Trace
#51 8	0.032
9	0.006

BELL-WHITE ANALYTICAL LABORATORIES LTD.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 20928 Page 3 of 4 DATE: September 29, 1982.

SAMPLE(S) OF: Fines(240) RECEIVED: September 1982.

SAMPLE(S) FROM: Maude Lake Gold Mines Limited.

Sample No.	Oz. Gold
F44370-	Trace
1	0.026
2	0.142 - 0.128 KEEP
3	0.008
#57 cont'd 4	0.002*
5	0.006
6-	0.012
7	0.022
8-	0.304 - 0.324 KEEP
9	0.022
F44380-	0.004
1-	0.006
2	0.018
3	Trace
4-	Trace
5	Trace
6	0.002*
#58 7	Trace
8	0.038
9	0.002*
F44390	0.002*
1	0.004
2	0.008
3-	0.074
4	0.002*
5	0.010
6	0.166 - 0.154
7-	0.006
8	0.012
#59 9	Trace

Sample No.	Oz. Gold
F44400-	Trace
1	Trace
2-	0.002*
3	0.002*
#59 cont'd 4-	Trace
5-	0.002*
6	Trace
7	Trace
8	Trace
9	0.002*
F44410	0.316 - 0.32
1	0.146 - 0.13
2-	0.006
3	0.062
4	0.050
5	0.002*
#60 6	0.002*
7	Trace
8	0.002*
9	Trace
F44420	Trace
1	Trace
2	Trace
3	0.002*
#61 4	0.026
5	0.084
6-	0.010
7-	0.024
8	0.026
9	0.010

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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.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 20928 Page 4 of 4 DATE: September 29, 1982.

SAMPLE(S) OF: Fines(240) RECEIVED: September 1982.

SAMPLE(S) FROM: Maude Lake Gold Mines Limited.

Sample No.	Oz. Gold
F44430	0.008
1	0.002*
2	0.046
3	0.056
4	0.024
5	0.192 - 0.196
6	0.072
7	0.012
8	0.008
9	0.046
F44440	0.022
1	0.060
2	0.012
3	0.042
4	0.028
5	0.024
6	0.018
7	0.012
8	0.068
9	0.056
F44450	0.010
1	0.104 - 0.102
2	0.096
3	0.022
4	0.006
5	0.122 - 0.128
6	0.114 - 0.120
7	0.074
8	0.016
9	0.026

#61 contd

#62

#63

Keep

Sample No.	Oz. Gold
F44460	0.006
1	0.008
2	0.006
3	0.014
4	0.022
5	0.048
6	0.086
7	0.096
8	0.442 - 0.432
9	0.062
F44470	0.028
1	0.092
2	0.036
3	0.026
4	0.336 - 0.334
5	0.304 - 0.286
6	0.054
7	0.020
8	0.730 - 0.696
9	0.086
F44480	0.076
1	0.072
2	0.032
3	0.082
4	0.054
5	0.014
6	0.186 - 0.146
7	0.020
8	0.026
9	0.052

#63 contd

#64

#65

Keep

Keep

* Estimated.

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.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 20929 Page 1 of 2 DATE: September 30, 1982

SAMPLE(S) OF: Fines (120) RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Gold Mines.

KEEP

Sample No.	Oz. Gold
F44490	0.086
91	0.010
92	0.018
93	0.008
#65 cont'd 94	0.016
95	0.064
96	0.046
97	0.018
98	0.014
99	0.016
F44500	0.464-0.430
01	0.028
02	0.006
03	0.028
04	0.032
05	0.036
#66 06	0.012
07	0.016
08	0.448-0.452
09	0.052
F44510	0.030
11 + 2 Hives	0.018
12	0.024
13	0.020
14	0.006
15	0.048
16	0.004
17	0.018
#67 18	0.032
19	0.008

Sample No.	Oz. Gold
F44520	0.018
21	0.344-0.334
22	0.348-0.328
23	0.026
#67 cont'd 24	0.012
25	0.026
26	0.008
27	0.092
28	0.016
29	0.008
F44530	0.002*
31	0.062
32	0.048
33	0.056
34	0.018
#68 35	0.024
36	0.008
37	0.026
38	0.090
39	0.022
F44540	0.022
41	0.014
42	0.008
43	0.006
44	0.002*
45	0.002*
46	0.002*
47	0.124-0.120
#69 48	0.772-0.724
49	0.224-0.234

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.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 20929 Page 2 of 2 DATE: September 30, 1982

SAMPLE(S) OF: Fines (120) RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Gold Mines.

KEEP

Sample No.	Oz. Gold
F44550	0.132-0.126
51	0.028
52	0.254-0.252
53	0.042
54	0.372-0.422
55	0.118-0.118
56	0.024
57	0.012
58	0.072
59	0.256-0.276
F44560	0.116-0.120
61	0.128-0.142
62	1.33 -1.17
63	0.010
64	0.014
65	0.004
66	0.002*
67	0.016
68	0.006
69	0.006
F44570	0.002*
71	0.004
72	0.002*
73	Trace
74	0.102-0.102
75	0.058
76	0.018
77	0.008
78	0.002*
79	0.220-0.214

#69 cont'd

#70

#71

Sample No.	Oz. Gold
F44580	0.068
81	0.116-0.128
82	0.062
83	0.044
84	0.054
85	0.098
86	0.016
87	0.004
88	0.032
89	0.062
F44590	0.026
91	0.016
92	0.026
93	0.120-0.134
94	0.036
95	0.080
96	0.116-0.110
97	0.104-0.114
98	0.020
99	0.204-0.222
F44600	0.092
01	0.024
02	0.034
03	0.008
04	0.006
05	0.010
06	0.442-0.458
07	0.258-0.232
08	0.116-0.128 (.096 - .18
09	0.064

#71 cont'd

#72

#73

* estimated

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.

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Certificate of Analysis

NO. 20930

DATE: September 30, 1982

SAMPLE(S) OF: Fines (20)

RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Gold Mines.

KEEP

Sample No.	Oz. Gold
F44610-	0.126-0.114
11-	0.014
#73 12-	0.018
cont'd 13	0.032
14-	0.042
15	0.002*
16	0.018
17	0.010
18	0.018
19-	0.034
F44620-	0.078
#74 21	0.086
22	0.008
23-	0.012
24-	0.006
25	0.006
26-	0.002*
27	0.022
28-	0.020
29-	0.028

* estimated

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.

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Certificate of Analysis

NO. 21475 DATE: October 1, 1982

SAMPLE(S) OF: Fines (66) RECEIVED: September, 1982

SAMPLE(S) FROM: Maude Lake Gold Mines Ltd.

Sample No.	Oz. Gold
F44630	0.002*
31	0.004
32	0.002*
33	0.002*
34	0.318-0.302
35	0.086
36	0.010
37	0.010
38	0.012
39	0.022
F44640	0.018
41	0.062
42	0.020
43	0.012
44	0.002*
45	0.006
46	0.012
47	Trace
48	0.100-0.112
49	0.060
F44650	0.060
51	0.036
52	0.002*
53	0.142-0.128
54	0.058
55	0.018 (.068?)
56	0.004
57	0.002*
58	0.002*
59	0.002*
F44660	0.002*
61	Trace

* estimated

Sample No.	Oz. Gold
F44662	0.002*
63	0.002*
64	0.016
65	0.056
66	0.010
67	0.128-0.136
68	0.012
69	0.006
F44670	Trace
71	0.002*
72	Trace
73	Trace
74	0.002*
75	0.002*
76	0.002*
77	0.014
78	0.008
79	Trace
F44680	0.016
81	0.002*
82	0.004
83	Trace
84	0.350-0.358
85	0.112-0.124
86	0.226-0.238
87	0.012
88	0.060
89	0.022
F44690	0.010
91	0.002*
92	0.370-0.382
93	0.036
94	0.016
95	0.012

END PERCUSSION DRILLING

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.

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P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 23276 Page 1 of 2 DATE: October 15, 1982.

SAMPLE(S) OF: Core(100) RECEIVED: October 1982.

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines Limited.

Sample No.	Oz. Gold	
F44696	0.008	82-80
7	0.004	
8	0.002*	
9	Trace	
F44700	Trace	
1	Trace	
2	Trace	
3	0.026	82-81
4	0.048	
5	0.237 - 0.246	
6	0.062 - 0.066	Keep
7	0.006	
8	0.012	
9	0.010	
F44710	0.048	
1	0.002*	
2	0.014	82-82
3	0.002*	
4	0.008	
5	0.010	
6	0.002*	
7	0.036	
8	0.028	
9	0.002*	
F44720	Trace	82-83

Sample No.	Oz. Gold	
F44721	0.018	
2	0.034	
3	0.096	Keep
4	0.008	
F44725	0.002*	
6	0.002*	
7	0.002*	82-84
8	Trace	
9	Trace	
F44730	Trace	
1	0.096	
2	0.026	
3	0.088	
4	0.104 - 0.108	
5	0.004	82-85
6	0.006	
7	0.002*	
8	0.002*	
9	Trace	
F44740	Trace	
1	0.024	
2	0.006	
3	0.002*	82-86
4	Trace	
5	0.002*	

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.

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Certificate of Analysis

NO. 23276 Page 2 of 2 DATE: October 15, 1982.

SAMPLE(S) OF: Core(100) RECEIVED: October 1982.

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines Limited.

Sample No.	Oz. Gold	
F44746	0.002*	
7	0.002*	
8	Trace	
9	Trace	82-87
F44750	Trace	
1	Trace	
2	0.002*	
3	Trace	
4	Trace	
5	Trace	
6	0.002*	
7	Trace	
8	0.006	82-88
9	0.008	
F44760	Trace	
1	Trace	
2	0.004	
3	0.002*	
4	0.018	
5	Trace	
6	0.020	
7	0.052	82-106
8	0.018	
9	Trace	
F44770	Trace	

Sample No.	Oz. Gold	
F44771	Trace	
2	Trace	
3	0.002*	
4	0.008	
5	0.022	
6	0.002*	82-89
7	0.002*	
8	0.002*	
9	0.016	
F44780	0.164 - 0.162	
1	0.024	
2	0.115 - 0.106	
3	0.068	
4	0.020	82-10
5	Trace	
6	Trace	
7	0.002*	
8	0.090	
9	0.014	
F44790	0.002*	
1	0.252 - 0.244	
2	0.052	
3	0.062	
4	0.848 - 0.836	
5	0.060	

* Estimated.

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.

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P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 24361 Page 1 of 2 DATE: October 22, 1982.

SAMPLE(S) OF: Core (130) RECEIVED: October 1982.

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines Ltd. Diamond Drilli

Sample No.	Oz. Gold	
F44796	0.010	
7	0.024	
#90 8	0.018	
9	0.178 - 0.184	Keep
F44800	Trace	
1	Trace	
2	0.120 - 0.112	Keep
3	Trace	
#91 4	0.012	
5	0.006	
6	0.060	
7	0.004	
8	0.004	
9	0.028	
F44810	0.010	
1	0.024	
#92 2	0.040	
3	0.006	Keep
4	0.242 - 0.248	
5	0.028	
6	0.002*	
7	0.006	
8	0.002*	
9	0.002*	
#109 F44820	Trace	
1	0.002*	
2	0.002*	
3	Trace	
4	0.002*	
108 5	0.002*	
6	0.252 - 0.248	Keep
7	Trace	
8	0.026	

Sample No.	Oz. Gold	
F44829	0.014	
F44830	Trace	
1	Trace	
2	Trace	
3	0.012	#93
4	0.004	
5	0.026	
6	0.002*	
7	0.020	
8	Trace	
9	0.002*	
F44840	Trace	#110
1	Trace	
2	0.026	
3	0.004	
4	0.134 - 0.140	
5	0.162 - 0.162	
6	0.050	
7	0.006	#112 Keep
8	0.004	
9	0.152 - 0.158	
F44850	Trace	
1	0.002*	
2	0.074	
3	0.332 - 0.344	
4	0.006	
5	0.018	#111
6	0.062	
7	0.002*	
8	0.026	
9	0.002*	
F44860	0.118 - 0.108	
1	0.324 - 0.342	#95

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.

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Certificate of Analysis

NO. 24361 Page 2 of 2 DATE: October 22, 1982.

SAMPLE(S) OF: Core (130) RECEIVED: October 1982.

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines Ltd.

Sample No.	Oz. Gold
F44862	0.104 - 0.108
3	0.364 - 0.348
4	0.046
5	0.012
6	0.012
7	0.018
8	Trace
9	0.014
F44870	0.002*
1	0.002*
2	0.014
3	Trace
4	0.004
5	0.010
6	0.002*
7	0.002*
8	0.118 - 0.124
9	0.156 - 0.144
F44880	0.018
1	0.102 - 0.104
2	0.022
3	0.076
4	0.012
5	0.002*
6	0.010
7	0.002*
8	Trace
9	Trace
F44890	0.002*
1	Trace
2	Trace
3	Trace

Sample No.	Oz. Gold
F44894	Trace
5	Trace
6	Trace
7	0.002*
8	Trace
9	0.004
F44900	0.004
1	0.020
2	0.010
3	0.014
4	0.162 - 0.156
5	1.50 - 1.46
6	0.012
7	0.008
8	0.002*
9	Trace
F44910	0.002*
1	0.022
2	0.014
3	0.002*
4	0.002*
5	0.002*
6	0.002*
7	0.004
8	0.002*
9	0.002*
F44920	0.006
1	0.034
2	0.008
3	0.038
4	0.106 - 0.102
5	0.164 - 0.162

*Estimated

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 24819 Page 1 of 3 DATE: October 26, 1982.

SAMPLE(S) OF: Core(196) RECEIVED: October 1982.

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines.

Sample No.	Oz. Gold
F44926	0.012
7	0.026
8	0.070
9	0.010
F44930	0.002*
1	Trace
2	Trace
3	0.002*
4	Trace
5	0.002*
6	0.002*
7	0.002*
8	0.028
9	0.022
F44940	0.014
1	0.006
2	0.036
3	0.016
4	0.852 - 0.866 (.859)
5	0.648 - 0.670 (.659)
6	0.046
7	0.004
8	0.014
9	0.056
F44950	0.076
1	0.062
2	0.012
3	0.008
4	0.006
5	0.002*
6	0.004
7	0.012
8	0.002*

Sample No.	Oz. Gold
F44959	0.002*
F44960	0.004
1	Trace
2	0.108 - 0.112
3	0.030
4	0.006
5	0.002*
6	0.004
7	0.004
8	0.004
9	Trace
F44970	0.006
1	Trace
2	3.46 - 3.39
3	4.11 - 4.05
4	0.068
5	0.042
6	0.014
7	0.002* (.022)
8	Trace
9	Trace
F44980	0.032
1	0.010
2	0.034
3	0.062
4	0.018
5	0.128 - 0.134
6	0.034
7	0.002*
8	0.002*
9	0.008
F44990	0.002*
1	0.002*

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.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 24819 Page 2 of 3 DATE: October 26, 1982.

SAMPLE(S) OF: Core(196) RECEIVED: October 1982.

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines.

Sample No.	Oz. Gold
F44992	0.010
3	0.012
#100 cont'd 4	0.008
5	0.004
6	0.006
7	0.004
8	0.086
9	0.012
#119 F45000	0.026
F50001	0.002*
2	0.016
3	Trace
4	0.002*
5	Trace
#125 6	0.018
7	0.002*
8	0.012
9	Trace
F50010	0.048
1	0.008
2	0.002*
#126 3	0.002*
4	0.002*
5	0.002*
6	Trace
7	0.004
8	0.052
9	0.022
F50020	0.008
#124 1	0.002*
2	0.002*
3	Trace
124 4	0.004

Sample No.	Oz. Gold
F50025	0.006
6	0.002*
7	Trace #121
8	0.002*
9	0.002*
F50030	0.008
1	0.008
2	0.002*
3	0.002*
4	0.002*
5	0.010
6	Trace
7	Trace
8	0.056
9	Trace
F50040	0.014 #127
1	0.086
2	0.006
3	0.002*
4	0.042
5	0.042 - 0.044
6	0.002*
7	0.108 - 0.110
8	0.006
9	0.020
F50050	Trace
1	0.008
2	0.002*
3	Trace #122
4	0.002*
5	0.002*
6	0.002*
7	Trace

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. 24819 Page 3 of 3 DATE: October 26, 1982.

SAMPLE(S) OF: Core(196) RECEIVED: October 1982.

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines.

Sample No.	Oz. Gold
F50058	0.022
9	0.158 - 0.162
F50060	0.006
1	0.016
2	0.006
3	0.006
4	0.004
5	0.292 - 0.314
6	0.010
7	0.008
8	0.752 - 0.776
9	0.002*
F50070	0.012
1	0.004
F50101	Trace
2	0.004
3	0.002*
4	Trace
5	Trace
6	Trace
7	Trace
8	Trace
9	Trace
F50110	Trace
1	Trace
2	Trace
3	0.032
4	0.006
5	Trace
6	Trace
7	0.002*
8	Trace

Sample No.	Oz. Gold
F50119	Trace
F50120	Trace
1	Trace
2	0.054
3	0.282 - 0.308
4	0.020
5	0.024
6	0.008
7	0.068
8	0.006
9	0.016
F50130	0.018
1	0.036
2	0.010
3	0.002*
4	0.004
5	Trace
6	0.002*
7	0.668 - 0.658
8	Trace
9	Trace
F50140	0.002*
1	0.008
2	0.002*
3	Trace
4	0.160 - 0.166
5	Trace
6	0.162 - 0.174
7	0.008
8	Trace
9	0.002*
F50150	0.012

* Estimated.

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Certificate of Analysis

NO. 16984 DATE: August 6, 1982

SAMPLE(S) OF: Bulk Rock(3) RECEIVED: July 1982

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines Ltd.

PRELIMINARY ANALYSES

Sample Identification	Oz. Gold	
Samp."A" (136 lbs.)		
A-1	0.354 - 0.356	.317
A-2	0.276 - 0.282	
Samp."B" (135 lbs.)		
B-1	0.382 - 0.374	.389
B-2	0.396 - 0.402	
Samp."C" (130 lbs.)		
C-1	0.272 - 0.274	.287
C-2	0.296 - 0.306	

FINAL ANALYSES

Sample Identification	Oz. Gold	
A-1	0.302	- .291
A-2	0.280	
B-1	0.382	.383
B-2	0.384	
C-1	0.292	.300
C-2	0.308	

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.

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P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Sample No.	Oz. Gold		Net Wt.
D-1	0.316 - 0.310		330 lbs.
D-2	0.302 - 0.312	.310	
E-1	0.118 - 0.114		229 lbs.
E-2	0.112 - 0.124 - 0.122 - 0.116 - 0.130 - 0.106 - 0.106	.116	

Sample No.	Oz. Gold		Net Wt.
F-1 -2	0.046-0.048 0.046-0.048	.047	197 lbs.
G-1 -2	0.060-0.062 0.064-0.066	.063	215 lbs.
H-1 -2	0.250-0.248 0.246-0.252	.249	155 lbs.

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BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 13887 DATE: September 1, 1982

SAMPLE(S) OF: Bulk Rock(5) RECEIVED: August 1982

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines Ltd.

Sample No.	% Copper	% Zinc	% Lead
A-1	0.025	0.094	0.037
B-1	0.028	0.232	0.074
C-1	0.022	0.111	0.016
D-1	0.030	0.097	0.020
E-1	0.013	0.028	0.008

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL - WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187, HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 14381 DATE: September 7, 1982

SAMPLE(S) OF: Bulk Rock(1) RECEIVED: August 1982

SAMPLE(S) FROM: Mr. R. Bennett, Maude Lake Gold Mines Ltd.

Sample No.	Oz.Pt.Grp. Semi-Quant.
A-1	N.D.

N.D. denotes not detected.

BELL-WHITE ANALYTICAL LABORATORIES LTD.

PER

BELL-WHITE ANALYTICAL LABORATORIES LTD.
P.O. BOX 187. HAILEYBURY, ONTARIO TEL: 672-3107

Certificate of Analysis

NO. 241

DATE: January 12, 1983

SAMPLE(S) OF: Core (66)

RECEIVED: January, 1983

SAMPLE(S) FROM: Mr. Robert Bennett
Maude Lake Gold Mines Limited

BOREHOLES S-82-1 and 2 = SALUE WEST

Sample No.	Oz. Gold	Sample No.	Oz. Gold	Sample No.	Oz. Gold
F31269	trace	F31291	trace	F35741 bx	0.002*
F31270	0.002*	2	trace	2 bx	trace
1	trace	3	trace	3 cpy	trace
2	trace	4	trace	4 graph	0.002*
3	0.002*	5	trace	5	0.002*
4	0.002*	6	trace	6 yellow bs + Un	0.004
5	trace	7	trace	7 8" Un	0.004
6	trace	8	trace	8	trace
7	trace	9	trace	9	trace
8	trace	F31300	0.002*	F35750	0.002*
9	trace	F35729	trace	F50072	trace
F31280	0.002*	F35730	0.010	3	trace
1	0.002*	1	0.006	4	trace
2	trace	2	0.002*	5	trace
3	trace	3	trace	6	trace
4	trace	4	trace	7	trace
5	trace	5 mud	trace	8	trace
6	trace	6 altd ct BSLT	0.004	9	trace
7	0.002*	7	trace	F50080	trace
8	trace	8	trace	1	trace
9	trace	9	trace	2	0.002*
F31290	trace	F35740	trace	3	trace

S-82-1

*Estimated

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

63.4259

OM82-6-P-55

THIS SUBMITTAL CONSISTED OF VARIOUS REPORTS, SOME OF WHICH HAVE BEEN CULLED FROM THIS FILE. THE CULLED MATERIAL HAD BEEN PREVIOUSLY SUBMITTED UNDER THE FOLLOWING RECORD SERIES (THE DOCUMENTS CAN BE VIEWED IN THESE SERIES):

NOTE: The following material is comparable, BUT WAS NOT CULLED from this file for reasons of report continuity.

① Drill Holes S82-1, S82-2, Dec/82, ⇒ Mining Recorder, Report of Work #201, 1983
Maude Lake Gold Mines Ltd. ⇒ Toronto File: BEATTY TP. D.D.R. # 24

② Drill Holes S82-1 & S82-2 plus ⇒ Toronto # 2.5831
Assay Results, Maude Lake Gold ⇒ Mining Recorder, Report of Work #202, 1983
Mines Ltd.

③ Salve West Claim Group, Report on ⇒ Toronto # 2.5571
Exploration, Maude Lake Gold Mines Ltd, ⇒ Mining Recorder, Report of Work #76, 1983
R.A. Bennett, March 19/83

④ Salve South Claim Group, Report on ⇒ Toronto # 2.5570
Exploration, Maude Lake Gold Mines ⇒ Mining Recorder, Report of Work #75, 1983
Ltd., R.A. Bennett, May 18/83

See Sheet 2, Cont.

63.4259

OM82-6-P-55 (Continued)

THIS SUBMITTAL CONSISTED OF VARIOUS REPORTS, SOME OF WHICH HAVE BEEN CULLED FROM THIS FILE. THE CULLED MATERIAL HAD BEEN PREVIOUSLY SUBMITTED UNDER THE FOLLOWING RECORD SERIES (THE DOCUMENTS CAN BE VIEWED IN THESE SERIES):

⑤ Coulson Group, Report on Exploration, ⇒ Toronto #2.5087
Maude Lake Gold Mines Ltd., R.A. Bennett, ⇒ Mining Recorder, Report of Work #242, 1982
Sept. 15/82

⑥ VLF-EM Survey on the Main Group, Maude ⇒ Toronto #2.5085
Lake Gold Mine Ltd., R.A. Bennett, Sept. ⇒ Mining Recorder, Report of Work #243, 1982
28/82

Ontario and Mines

(Geophysical, Geological, Geochemical and Expenditures)

42A09NW0431 63.4259 COULSON

900

Type of Survey(s): GEOLOGICAL Mi...

COULSON Twp

Claim Holder(s): MAUDE LAKE GOLD MINES LTD

Prospector's Licence No.: T1181

Address: 300 ELM STREET WEST, SUDBURY, ONT. P3C1W4

Survey Company: R.A. Bennett, PEng.

Date of Survey (from & to): 01 Day | 06 Mo. | 85 Yr. — 08 Day | 08 Mo. | 85 Yr.

Total Miles of line Cut: 15.5

Name and Address of Author (of Geo-Technical report): R.A. Bennett RR4, SITE 37, Box 1, Sudbury, Ontario, P3E4M9

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	40
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
L	737479	✓
	737480	✓
	737481	✓
	737482	✓
	737493	✓
	737494	✓
	737495	✓
	737496	✓
	787085	✓
	787086	✓
	787087	✓
	787088	✓
	787089	✓
	787090	✓
	787091	✓
	787092	✓

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

Total number of mining claims covered by this report of work: 16

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures: $ ÷ 15 = Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Branch Director

Date: NOV 7/86

Recorded Holder or Agent (Signature): R.A. Bennett

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: R.A. Bennett, RR4, SITE37, BOX1 SUDBURY, ONTARIO P3E4M9

Date Certified: NOV 7/86

Certified by (Signature): R.A. Bennett

12 E
20 E
28E
36E
44 E
52 E
20 N
10 N
20 W
12 W
4 W
line 0+00
4E
Baseline
20 S
30 S
40 S
Conc. V
Conc. IV
Shallow River
Salve Creek
SALVE LAKE
OLD WINTER TRACTOR TRAIL
OLD FIELD
BEAVER DAM
POND
MOOSE LOOKOUT TOWER (20')
L. 598904
L. 598905
L. 565054
L. 565061
L. 565062
L. 550884
L. 565052
L. 565053
L. 565055
L. 565059
L. 550880
L. 550883
L. 565056
L. 565058
L. 550881
L. 598906
L. 578942
L. 565057
L. 550882
L. 598907
LOT 8 | LOT 7
LOT 7 | LOT 6
LOT 6 | LOT 5

EXPLANATION

- 5 — Diabase dykes, a) basic dyke
- l. — Basalt, massive, undivided; a) pillowed; b) breccia, hyaloclastite
- qv — Quartz veins, swets
- Flow tops
- Sample location
- Shear
- Swamp

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

GEOLOGY SURVEY

SALVE LAKE GROUP

Beatty Twp

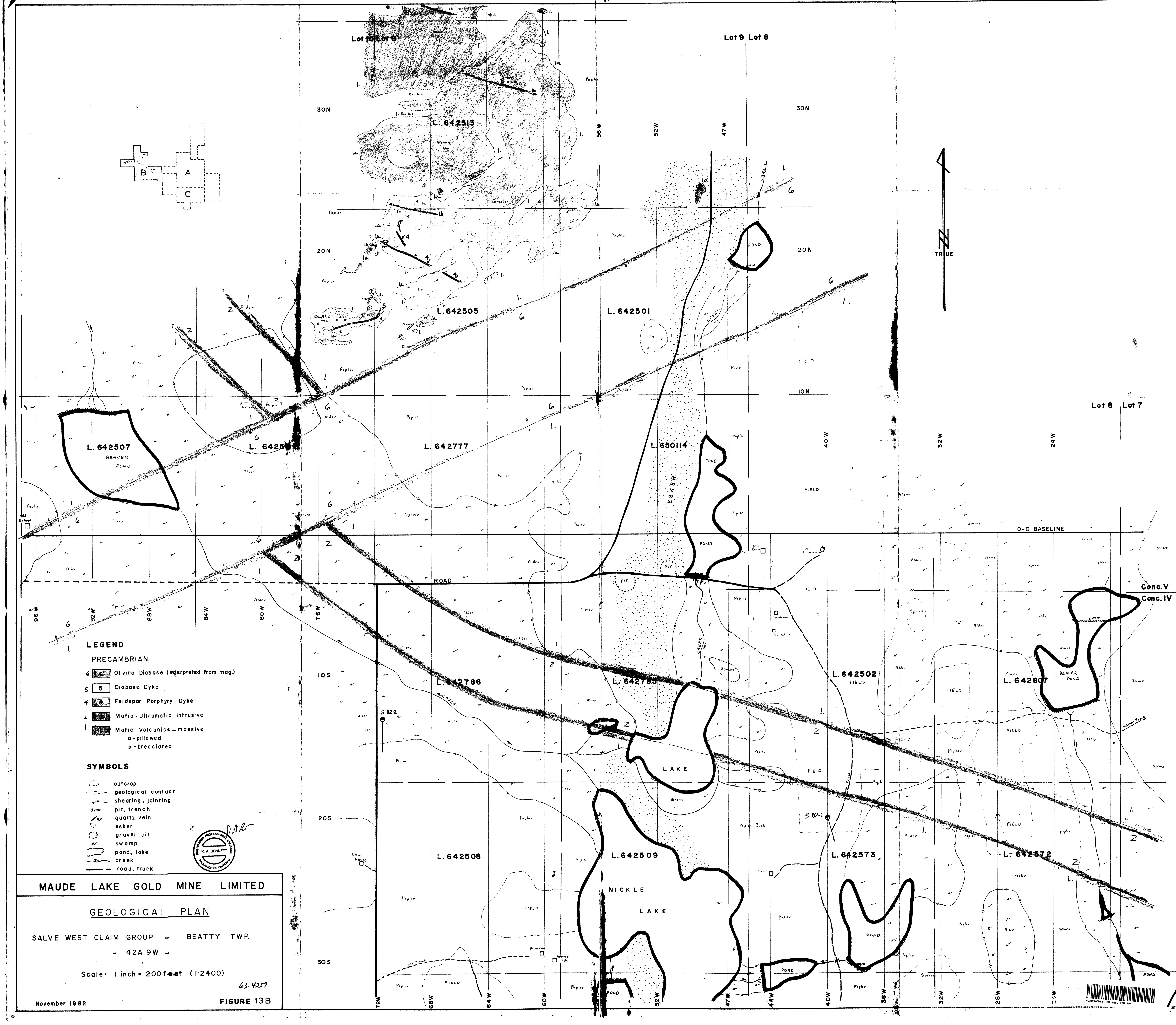
Scale 1" = 200

63-4259

Atag 82

FIGURE 13a

200


MAUDE LAKE GOLD MINE LIMITED
GEOLOGICAL PLAN
SALVE WEST CLAIM GROUP - BEATTY TWP.
- 42A 9W -
Scale: 1 inch = 200 feet (1:2400)
63.4259
November 1982
FIGURE 13B
LEGEND
PRECAMBRIAN
6 Olivine Diabase (interpreted from mag.)
5 Diabase Dyke
4 Feldspar Porphyry Dyke
2 Mafic-Ultramafic Intrusive
1 Mafic Volcanics - massive
a - pillowed
b - brecciated
SYMBOLS
outcrop
geological contact
shearing, jointing
pit, trench
quartz vein
esker
gravel pit
swamp
pond, lake
creek
road, track
R. A. BENNETT
Lot 10 Lot 9
Lot 9 Lot 8
Lot 8 Lot 7
Conc. V
Conc. IV
TRUE
O-O BASELINE
L. 642513
L. 642505
L. 642501
L. 642507
L. 642777
L. 650114
L. 642786
L. 642785
L. 642502
L. 642807
L. 642508
L. 642509
L. 642573
L. 642572
BEAVER POND
NICKLE LAKE
LAKE
POND
ESKER
ROAD
FIELD
CREEK
S-82-1
S-82-2
30N
20N
10N
10S
20S
30S
96W
92W
88W
84W
80W
76W
72W
68W
64W
60W
56W
52W
47W
44W
40W
36W
32W
28W
24W

TRUE

20W 12W 4W Line 0+00 4E 12E 20E 28E 36E 44E 52E 56E

20N 10N 0 20 30S 40

Base Station

Baseline

pond

pond

pond

creek

winter tractor trail

"A" "B" "C" "D" "E" "F"

A-1 B-1 E-1 F

SALVE LAKE

REGISTERED PROFESSIONAL ENGINEER R. A. BENNETT PROVINCE OF ONTARIO

D.M.R.

MAUDE LAKE GOLD MINE LIMITED

VLF-EM SURVEY

SALVE LAKE GROUP

Beatty Twp.

Scale 1" = 200'

63.4259
Aug 82

FIGURE 14a

96 W
84 W
76 W
64 W
56 W
47 W
40 W
32 W
24 W

30 N
20 N
10 N
10 S
20 S
30 S

20N

L.642513
L.642505
L.642501
L.642507
POND
L.642506
L.642777
L.650114
POND
POND
L.642786
L.642785
L.642502
L.642807
POND
LAKE
L.642508
L.642509
L.642573
L.642572
NICKLE LAKE
POND

G
G1
H
H1
I
J
K
K1

ROAD

0-0 BASELINE

INST. CRONE VLF-EM RECEIVER
STN. CUTLER, MAINE (17.8 KHz)
DIP ANGLE SCALE: 1"=20°

CROSS OVER

A
C

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

R.M.R.

MAUDE LAKE GOLD MINE LIMITED

VLF-EM SURVEY

SALVE WEST CLAIM GROUP - BEATTY TWP.

- 42A 9W -

Scale: 1 inch = 200 ft (1:2400)

Dec. 1982
63-4259

FIGURE 14b

20 S

30 S

40 S

50 S

60 S

70 S

80 S

8 E

16 E

24 E

32 E

40 E

48 E

56 E

16 W

8 W

Line 0-0

L.642514

L.642515

L.642516

L.642517

L.642518

L.642519

L.642520

L.642521

L.642522

L.642574

L.642575

L.642576

L.642577

L.642578

L.642579

B

M

N

O

P

Q

SALVE LAKE

Base Stn.

58+00 South BASELINE

Inst: CRONE VLF-EM RECEIVER

Stn CUTLER, MA. (17.8 KHz)

Dip Angle Scale: 1 inch = 20 degrees

CROSS-OVER

A

B

C

R. A BENNETT

PROFESSIONAL ENGINEER

PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

VLF-EM SURVEY

SALVE SOUTH CLAIM GROUP - BEATTY TWP.

- 42A 9W -

Scale: 1 inch = 200 feet (1:2400)

Dec 1982

63-4259

FIGURE 14c

240

30 N

20 N

10 N

10 S

20 S

30 S

96 W

84 W

72 W

56 W

47 W

36 W

24 W

L.642513

L.642505

L.642501

L.642507

L.642506

L.642777

L.650 14

L.642786

L.642785

L.642502

L.642508

L.642509

L.642573

L.642572

POND

LAKE

NICKLE LAKE

ROAD

OPEN WATER

0-0 BASELINE

Inst. = SHARPE MF-I

A

B

C

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

MAGNETOMETER SURVEY

SALVE WEST CLAIM GROUP - BEATTY TWP.

- 42A 9W -

Scale: 1 inch = 200 feet (1:2400)

Dec. 1982

63.4259

FIGURE 15b

42A09NW9431 63.4259 COULSON

250

30N

20N

10 S

20S

30 S

96 W

84 W

76 W

64 W

47W

30 N

20 N

10N

50 W

32 W

24 W

0-0 BASELINE

L. 642513

OUTCROP AREA

L. 642505

L. 642501

L. 642507

POND

L. 642506

L. 642777

L. 650114

POND

BASE STN

ROAD

CREEK

L. 642786

L. 642785

L. 642502

L. 642807

POND

LAKE

L. 642508

L. 642509

NICKLE LAKE

L. 642573

L. 642572

POND

POND

Alder

Poplar

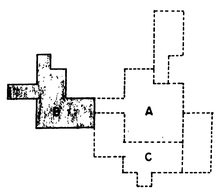
Spruce

Birch & Poplar

Open Field

Alder Swamp

INST. McPHAR TV-1A RADIATION SPECTROMETER



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R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

RADIOMETRIC SURVEY

SALVE WEST CLAIM GROUP - BEATTY TWP.

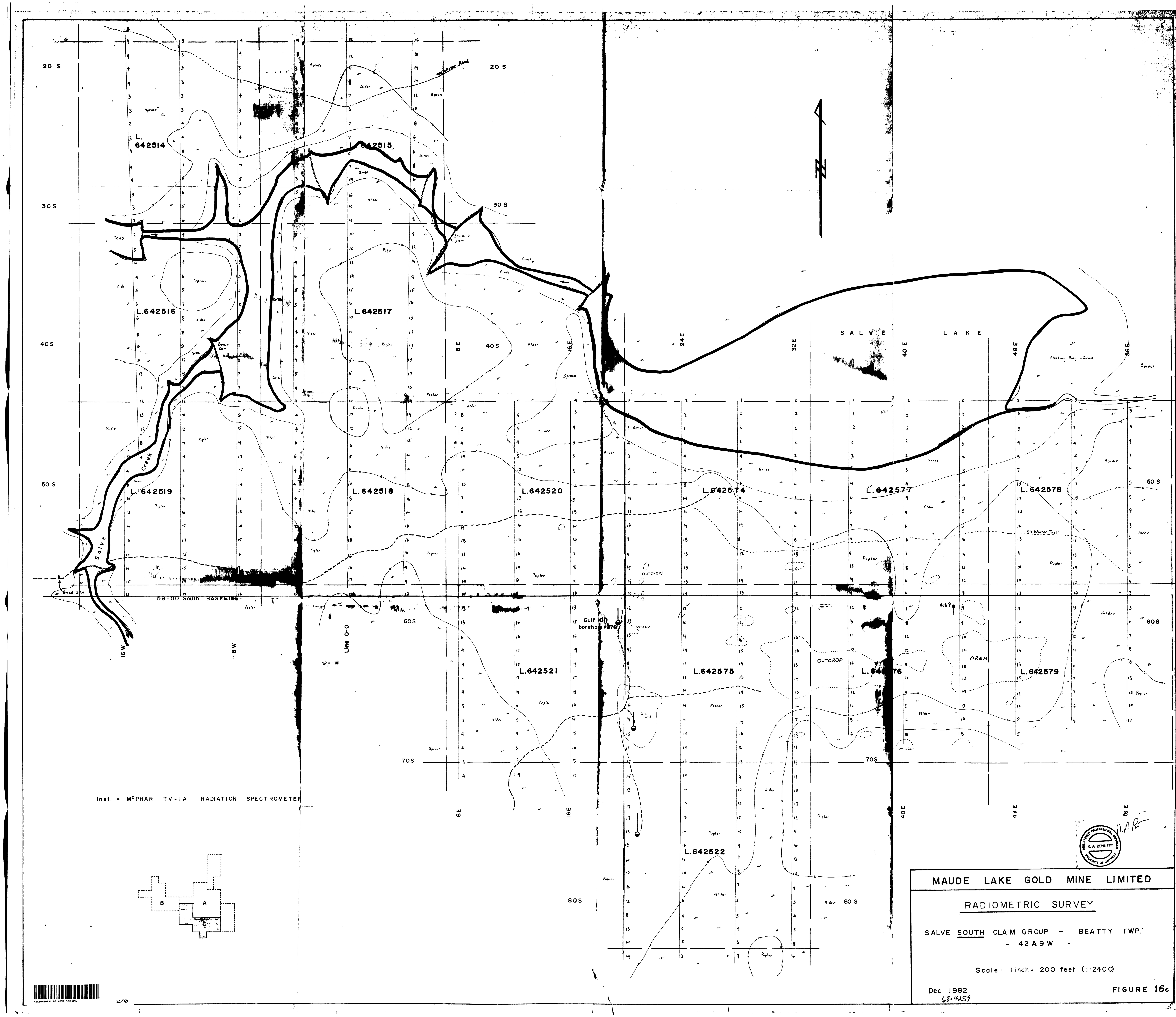
- 42A 9W -

Scale: 1 inch = 200feet (1:2400)

Dec. 1982

FIGURE 16b

63.4259



MAUDE LAKE GOLD MINE LIMITED

RADIOMETRIC SURVEY

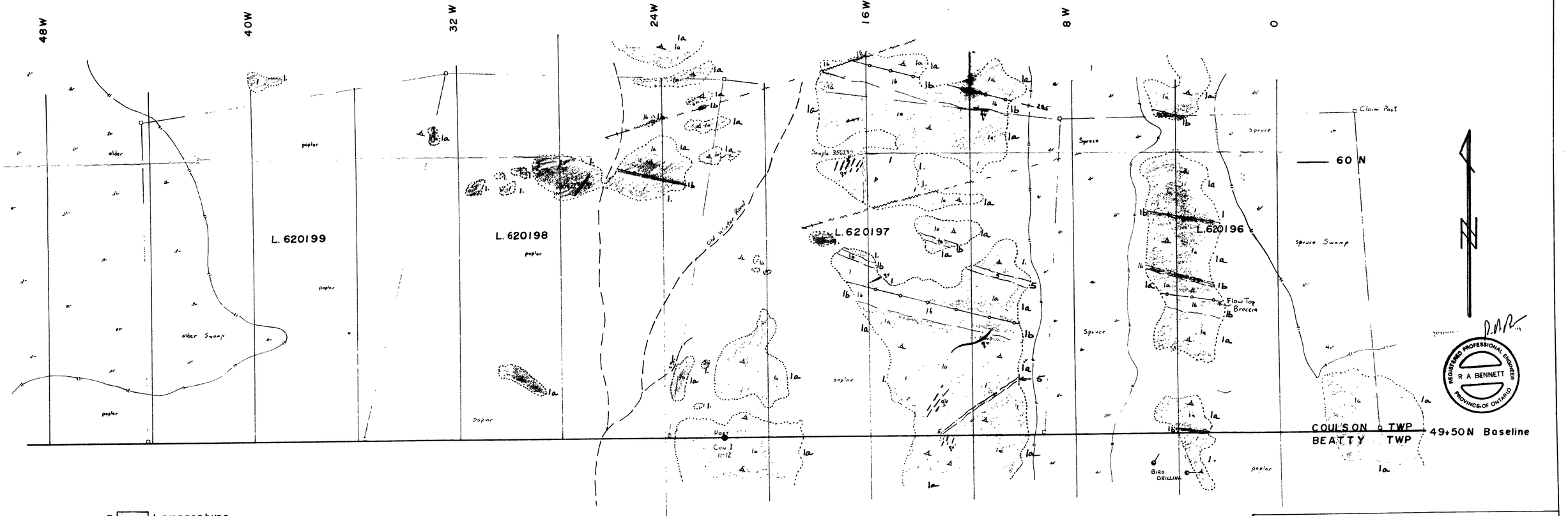
SALVE SOUTH CLAIM GROUP – BEATTY TWP.
– 42 A 9 W –

Scale: 1 inch = 200 feet (1:2400)

Dec 1982
63.4259

FIGURE 16c

270



S 5 Lamprophyre

1. Basalt - massive
   a) pillowed
   b) brecciated

qv quartz vein

MAUDE LAKE GOLD MINE LIMITED

Coulson Twp Claims

GEOLOGY

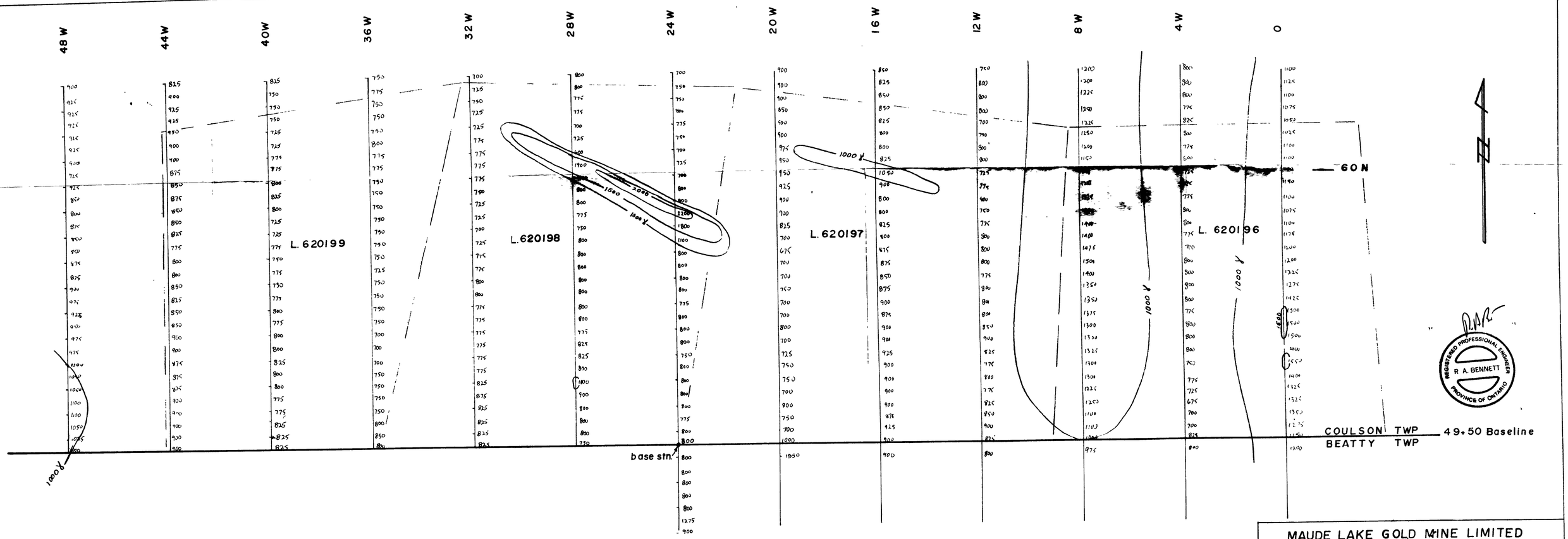
Scale: 1" = 200'

Aug. 82

63.4259

Figure 10

280



Inst. = Sharpe MF-I

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

Coulson Twp. Claims

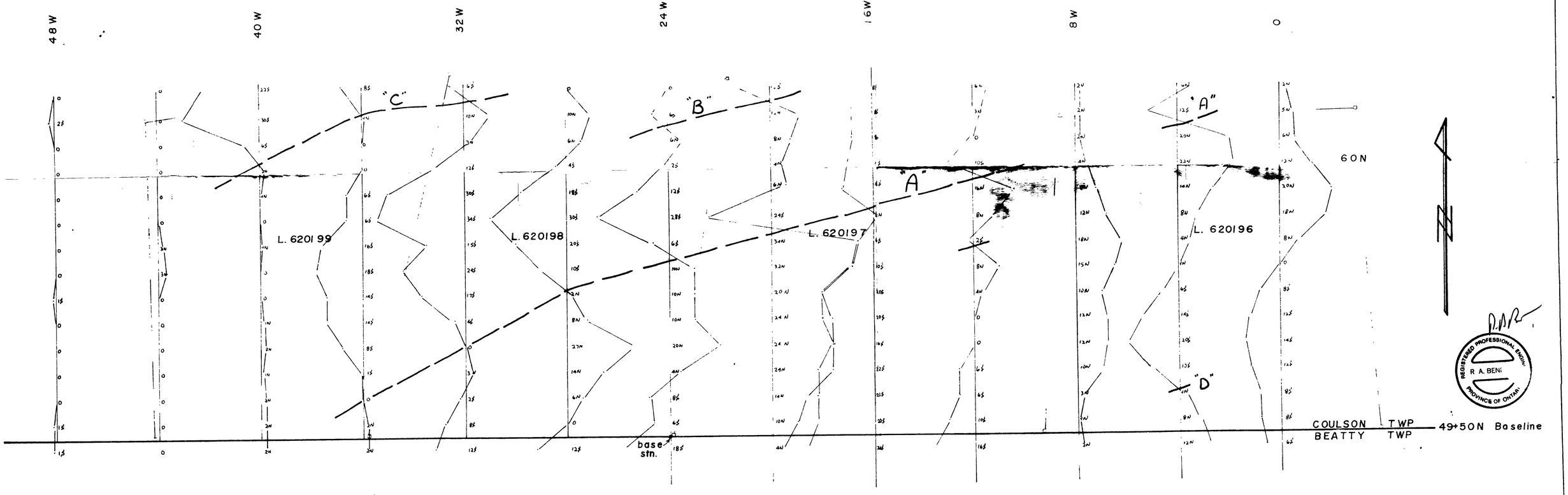
MAG. Survey

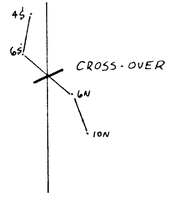
Scale: 1" = 200'

63.4259

Aug. 82

Figure 11





INST CRONE VLF-EM RECEIVER
STN: CUTLER, MAINE (178 KHz)
DIP ANGLE SCALE 1" = 20°

MAUDE LAKE GOLD MINE LTD.

Coulson Twp Claims

—VLF-EM Survey—

Scale: 1" = 200'

63.4259

Aug. 82

Figure 12

49+50 N BASELINE

COULSON TWP

BEATTY TWP

L618521

L618520

L618519

L618522

L618518

L550885

L571647

L617455

L618517

P

gabbro

82-134

40N

30N

20N

10N

0-0 BASELINE

0-0

10S

20S

24W

20W

12W

4W

0-0 Tie line

4E

12E

20E

28E

36E

Inst· CRONE VLF-EM RECEIVER

Stn· CUTLER, MAINE (17·8 KHz)

Dip angle scale 1" = 40°

R.A. BENNETT

REGISTERED PROFESSIONAL ENGINEER

PROVINCE OF ONTARIO

42A09NW0431 63.4259 COULSON

310

MAUDE LAKE GOLD MINE LTD.

Main Group

— VLF-EM Survey —

Beatty Twp.

SCALE : 1"= 400'

Aug. 82, Dec 82

Figure 2

63.4259

10100 E | 10200 E | 10300 E | 10400 E | 10500 E | 10600 E | 10700 E

CLAY | ROCK DUMP | SURFACE | Lacustrine Clay | Gravel | Bedrock

82-131 | 82-132 | 82-133 | 82-130 .004/1 | 81-23 .09/.7 | 81-20 .10/1.3

Diabase | Peridotite

.40/4 | .14/4 | .30/4 | .17/4

100 level | 200 level | 300 level | 400 level | 500 level

81-19 .72 or .20 / .7 or 2.7

81-18 .08 & .61 / 3 & .7

9 not assayed

81-15 .64/1.4 | 11 .09/5

33 not assayed

34 .12/2.3

81-16 .08/1.5

10 .52 or .38

81-21 trace

81-22 .07/.7

81-17 .02/1.8

12 = 50' below diabase

Looking NW

R. A. BENNETT — REGISTERED PROFESSIONAL ENGINEER — PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

LONGITUDINAL - SHAFT VEIN

PROJECTED ONTO 10500 N

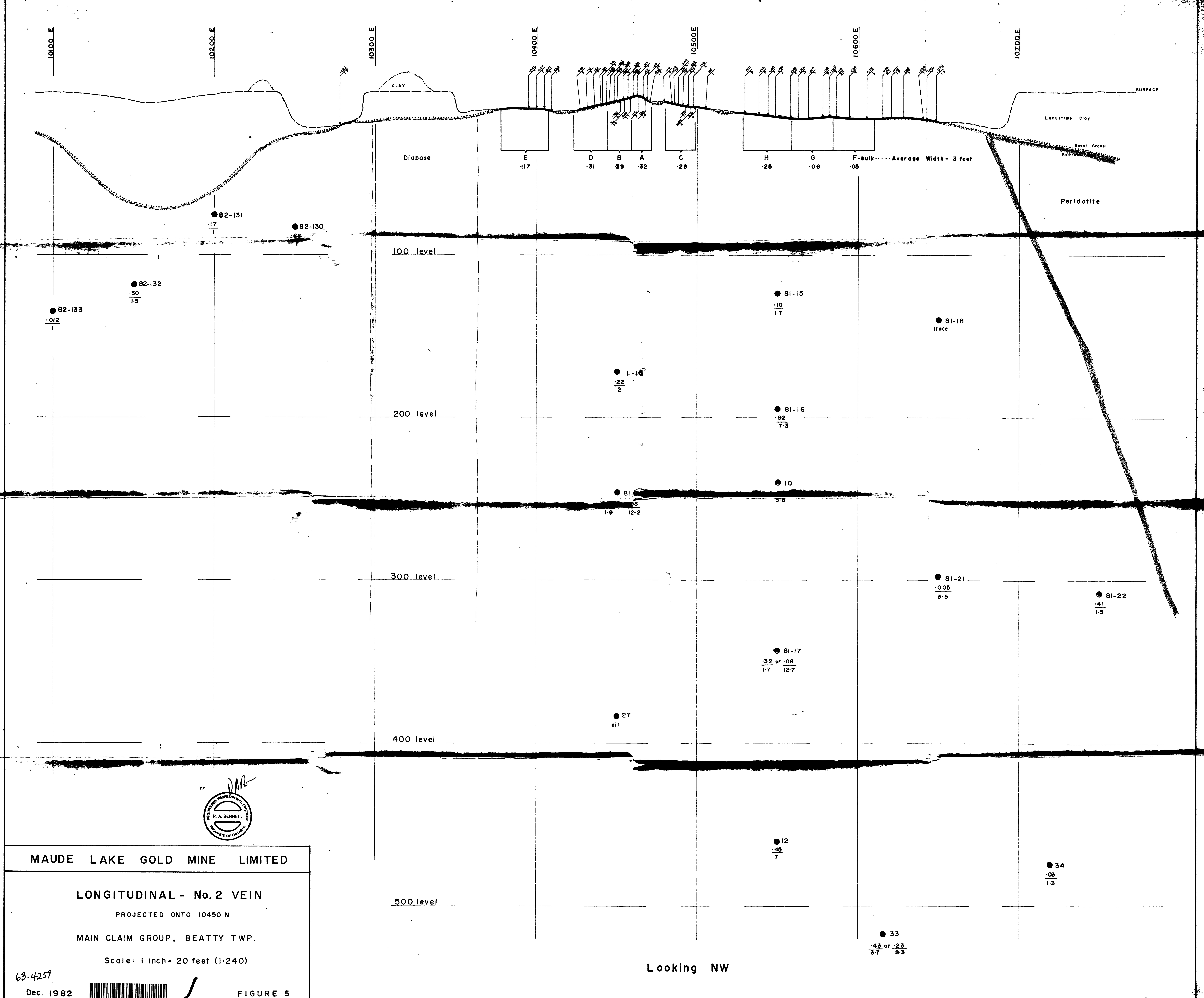
MAIN CLAIM GROUP, BEATTY TWP.

Scale: 1 inch = 20 feet (1:240)

42A80NW9431 63.4259 COULSON 320

Dec 1982

FIGURE 4



MAUDE LAKE GOLD MINE LIMITED

LONGITUDINAL - No. 2 VEIN

PROJECTED ONTO 10450 N

MAIN CLAIM GROUP, BEATTY TWP.

Scale: 1 inch = 20 feet (1:240)

63.4259

Dec. 1982

FIGURE 5

330

10700 N
OLD
ROAD
LINE 0
O-O BASELINE
82-133
82-132
82-131
82-130
BASALT
VEIN MATERIAL
BASALT
DIABASE
ACCESS
ROAD
DIABASE
BASALT
200 ft Level
SHAFT
SHAFT VEIN
ROCK
DUMP
OUTLINE
Peridotite
81-23
81-20
COMPRESSOR
CORESHACK
No. 2 VEIN
VEIN
BASALT
E
D
B
C
H
G
F
A
81-19
DIABASE
81-24
81-15
81-16
81-17
81-18
81-21
81-22
LEGEND
DIABASE
BASALT
VEIN MATERIAL
QUARTZ
SYMBOLS
Outcrop Outline
Contact
Limit of Excavation
Chip Sample and Assay Number
Composite Sample Interval
82-133 Diamond Drill Hole
340
REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO
63.4259
MAUDE LAKE GOLD MINE LIMITED
PLAN of
SHAFT and No. 2 VEINS
SCALE 1 inch = 20 feet
Nov 1982
FIGURE 3

10350 E

10400 E

OUTCROP OF PILLOW BASALTS

RAMP

POOL

LADDER VEIN

Edge of outcrop Sept. 20, 1982

9600 N

9550 N

LEGEND

SMALL FEATURES

post-min.

- LATE CALCITE & QUARTZ VEINS
- LATE INTERMEDIATE ANGLE QUARTZ VEINS INCLUDING LADDER VEIN DIPPING NORTH

mineral

- SHEARS
- LEADER QUARTZ VEINS
- WIDER QUARTZ VEINS OFTEN BRECCIATED & CRUSTIFIED

pre-min.

- PILLOW RINDS

FUCHSITE PATCHES

COLOUR FEATURES

- B — WEAKLY ALTERED TAN COLOUR
- G1 — ALTERED (CARB-SERC) BASALT TAN-GREY SOME SHEARING & CRACKING
- G2 — STRONGLY ALTERED (CARB-SERC) BASALT GREY COLOUR SHEARING & BRECCIATION
- Or — ORANGE WEATHERED OUTCROP

R. A. BENNETT
REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

DETAILED GEOLOGY - "5" ZONE

1982 PIT

63.4259

SCALE 1" = 5" OCTOBER 1982 FIGURE 6

1350

10300 E
10400 E
10500 E
10600 E
10700 E
9700 N
9600 N
9500 N
9400 N
9300 N
9200 N
TRUE
BASALT
PERIDOTITE
60-70°
DIABASE
PORPHYRY
PORPHYRY
GOLD MINERALIZATION
70°
SEC 5
SEC 6
SEC 6+50
SEC 7
SEC 7+50
SEC 8
SEC 8+50
SEC 9
SEC 9+50
SEC 10
SEC 10+50
SEC 11
SEC 12

LEGEND

- 5 DIABASE
- 2 PERIDOTITE
- 4 PORPHYRY
- 1 BASALT altered / fresh
- GOLD MINERALIZATION

REGISTERED PROFESSIONAL ENGINEER
R. A. BENNETT
PROVINCE OF ONTARIO

MAUDE LAKE GOLD MINE LIMITED

PLAN "5" Zone

GENERAL GEOLOGY

SCALE : 1 inch = 20 feet (1:240)

October 1982

63.4259

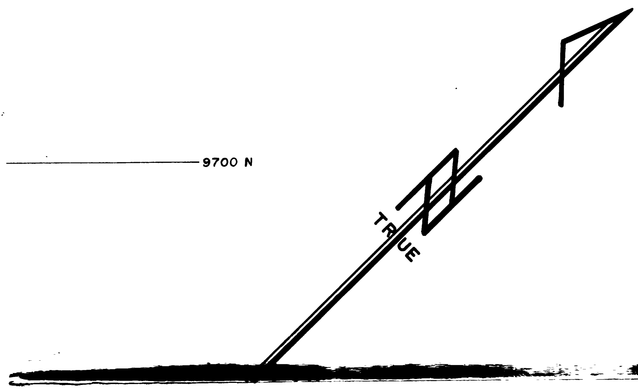
FIGURE 7

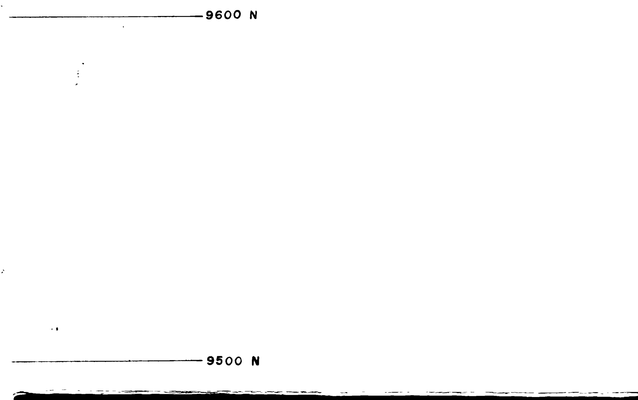
42A03NW0431 63.4259 COULSON

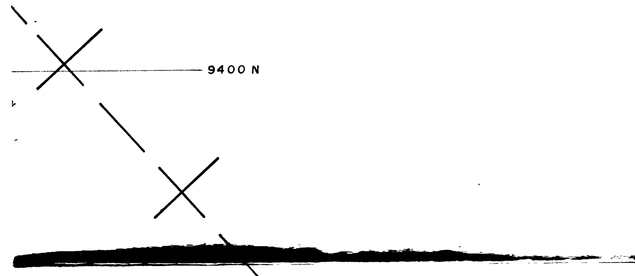
360

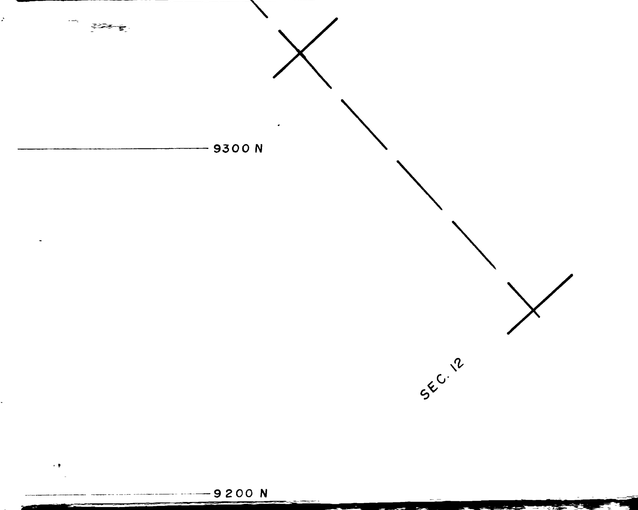
10300 E
10400E
10500E
10600E
10700 E
20'
25'
35'
52'
67'
73'
80.5'
90'
100'
DIABASE
40' BENCH
70' BENCH
Ramp
TOP OF OVERBURDEN
BOTTOM OF OVERBURDEN
TOP OF ROCK EXCAVATION
100 FT LEVEL
GOLD MINERALIZATION at 100' LEVEL
.125 opt for 70' depth from Percussion result
SEC 5
SEC 6
SEC 6+50
SEC 7
SEC 7+50
SEC 8
SEC 8+50
SEC 9
SEC 9+50
SEC 10
SEC 10+50
SEC 11
L-4
L-5
L-6
L-9
L-10
L-11
81-1
81-2
81-3
81-4
81-5
81-6
81-7
81-8
81-9
81-10
81-11
81-13
81-14
R-36
R-37
R-38
R-39
R-40
R-41
.215/87 .103/56 .086/85 .201/45 .068/96 .085/47 .078/43 .132/43 .585/91 .059/70 .049/78 .087/30 .196/75 .086/40 .1.150/72 .212/87 .052/41 .177/39 .245/50 .153/50 .095/50 .079/50 .113/40 .132/59

NOTE : .215/87 - Grade in troy oz/ton / Length of influence in ft









0 1 2 3

MAUDE LAKE GOLD MINE LIMITED

PLAN "5" Zone

Hypothetical OPEN PIT Design

SCALE : 1 inch = 20 feet (1:240) October 1982

63-4259

FIGURE 7a

10300 E

10400E

10500E

10600E

10700 E

SEC 5

SEC 6

SEC 6+50

SEC 7

SEC 7+50

SEC 8

SEC 8+50

SEC 9

SEC 9+50

SEC 10

SEC 10+50

SEC 11

FALL 1982 EXCAVATION

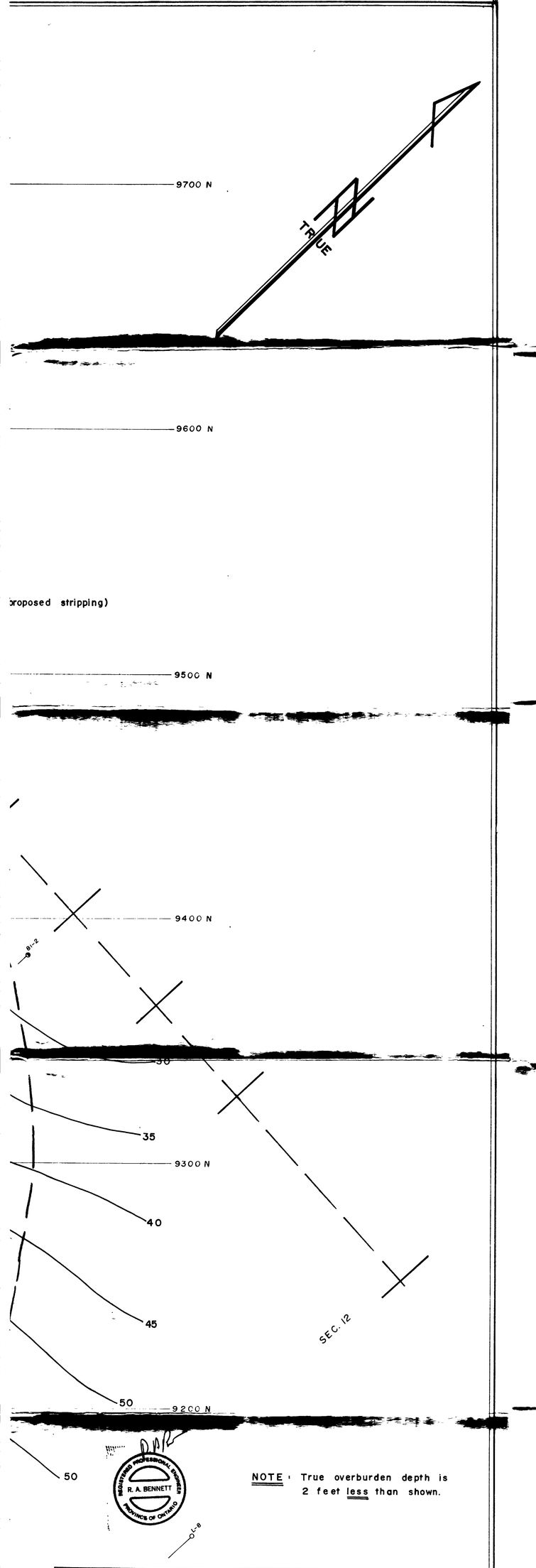
TOP OF SLOPE (2:1)

BOTTOM OF SLOPE

Depth → 36 o110 Vertical diamond drill hole

Angle diamond drill hole

12 o 39 Percussion hole, vertical, angle



NOTE : True overburden depth is 2 feet less than shown.

MAUDE LAKE GOLD MINE LIMITED

PLAN "5" Zone

BEDROCK TOPOGRAPHY

SHOWING PROPOSED OVERBURDEN EXCAVATION

SCALE : 1 inch = 20 feet (1:240) October 1982

63-4257

FIGURE 8.