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REPORT OF EXPLORATION WORK
CARRIED OUT BY
SEABRIGHT RESOURCES INC.
WESTFIELD, QUEENS CO., N.S.
April 2/85 D. L. Black

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REPORT OF EXPLORATION WORK
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SEABRIGHT RESOURCES INC.
WESTFIELD, QUEENS COUNTY, N. S.

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Truro, N. S.
April 2, 1985

LICENSEE SEABRIGHT
MAP 21A7C 21A6D
10442, 10409, 10443, 10401

D. L. Black

SUMMARY:

In the late fall of 1984 an exploration programme was initiated to investigate the gold-silver-tin-tungsten potential of a large quartz vein system - the Jumbo vein - occurring within Ordovician-age metasediments of the Halifax Formation.

The programme consisted of till sampling, magnetometer and VLFEM (EM-16) surveys and a few test lines of Max-Min and I.P. The till geochemistry work showed some weak dispersion trends for Au, Ag, Sn and W. Magnetometer work outlined both the regional geology and the Jumbo vein system. The VLFEM survey correlates well with the magnetics in showing the general geological features of the property; however, there was no response to the Jumbo vein.

The I.P. survey showed a wide, anomalous frequency effect zone surrounding the Jumbo vein at a station spacing of 200 feet. When the station spacing was closed to 50 feet, a coincident resistivity-frequency effect (F.E.) anomaly was found on the Jumbo vein. Using both wide and close spaced station intervals, the Max-Min survey did not disclose any anomalous situations.

Five diamond drill holes totalling 2214 feet (675m) were drilled into the Jumbo vein. The first hole undercut the vein system, i.e. was drilled parallel to the dip of the vein; the remaining four holes were drilled into the vein system. It was found that the vein system varied in width from 47 feet to 118 feet, with the main mass of quartz attaining a width of 50 feet.

II The quartz zone carries minor ($\approx 1\%$ overall) sulphides [pyrrhotite, pyrite, sphalerite, chalcopyrite, arsenopyrite] associated with fluorite, tourmaline, chlorite and sericite. Rare scheelite occurrences were also noted.

To date, assay results have generally been low. The highest gold-silver results thus far are not from the Jumbo vein, but from the footwall stringer zone and from sulphide-rich calcareous greywacke beds which occur both in the hanging wall and footwall zones. Tin and tungsten values are also low and tend to follow the same pattern as the gold-silver values.

II Because the monzonite, which occurs approximately one-half mile to the north, is known to contain gold and silver mineralization, it is felt that further exploration on the property should be conducted on the northeast extension of the Jumbo vein where that segment of the vein trends into the source monzonite body. It is recommended that a programme consisting of soil geochemistry and I.P. be carried out to the northeast of the Jumbo shaft area with follow-up diamond drilling on resultant anomalies. In addition, on the western portion of the property two, strong, parallel, coincident EM-16 Mag anomalies (thought to be representative of the greissenized alteration zone surrounding the buried monzonite intrusion) should be investigated using I.P. and soil geochemistry. It is recommended the ground lying to the north of the Jumbo vein and to the east of the previously mentioned Mag-EM anomalies, be acquired. Diamond drilling is recommended on this ground if it is acquired.

II

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FIG. 1 - Location Map

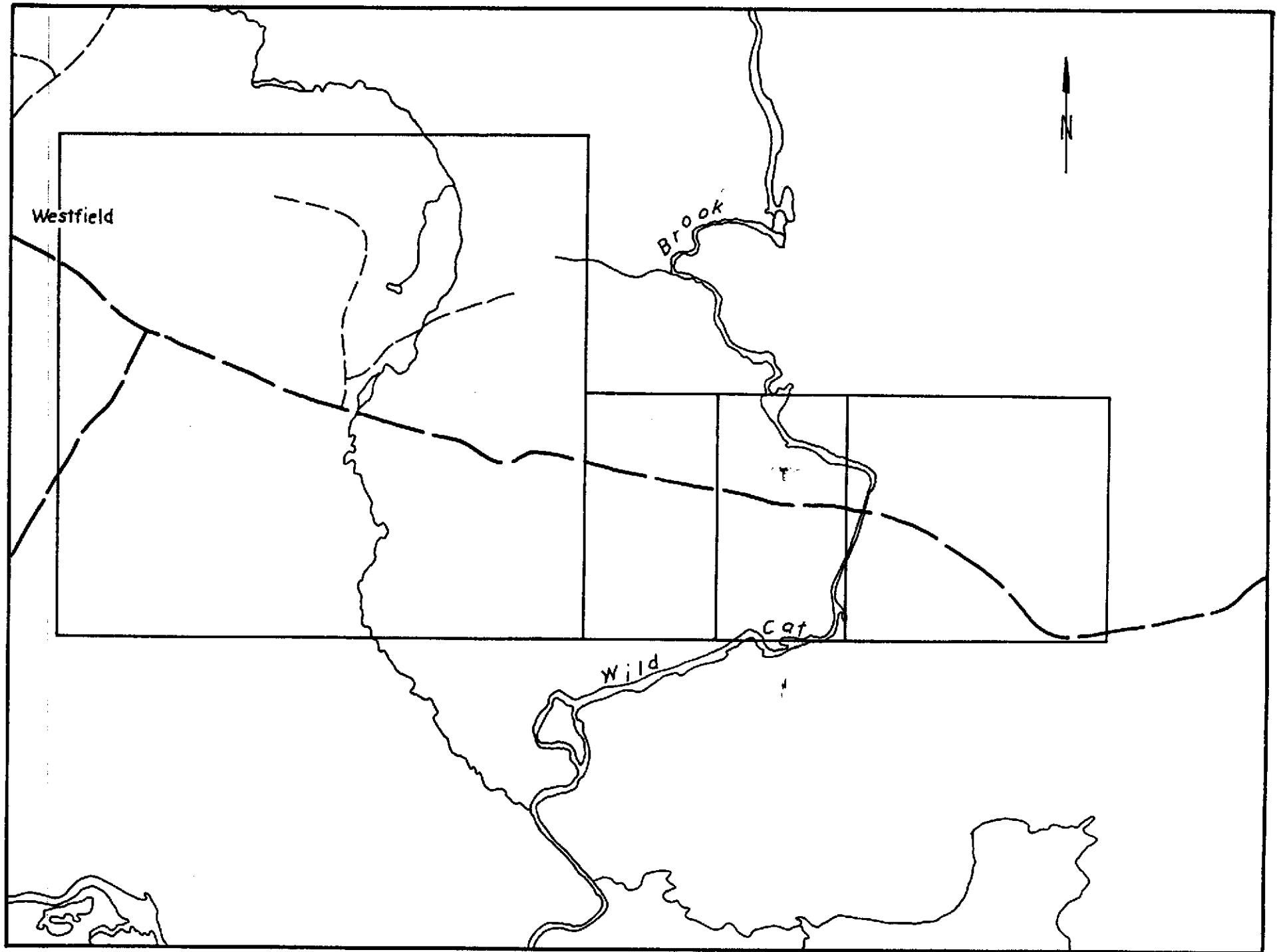


FIG. 1 LOCATION MAP

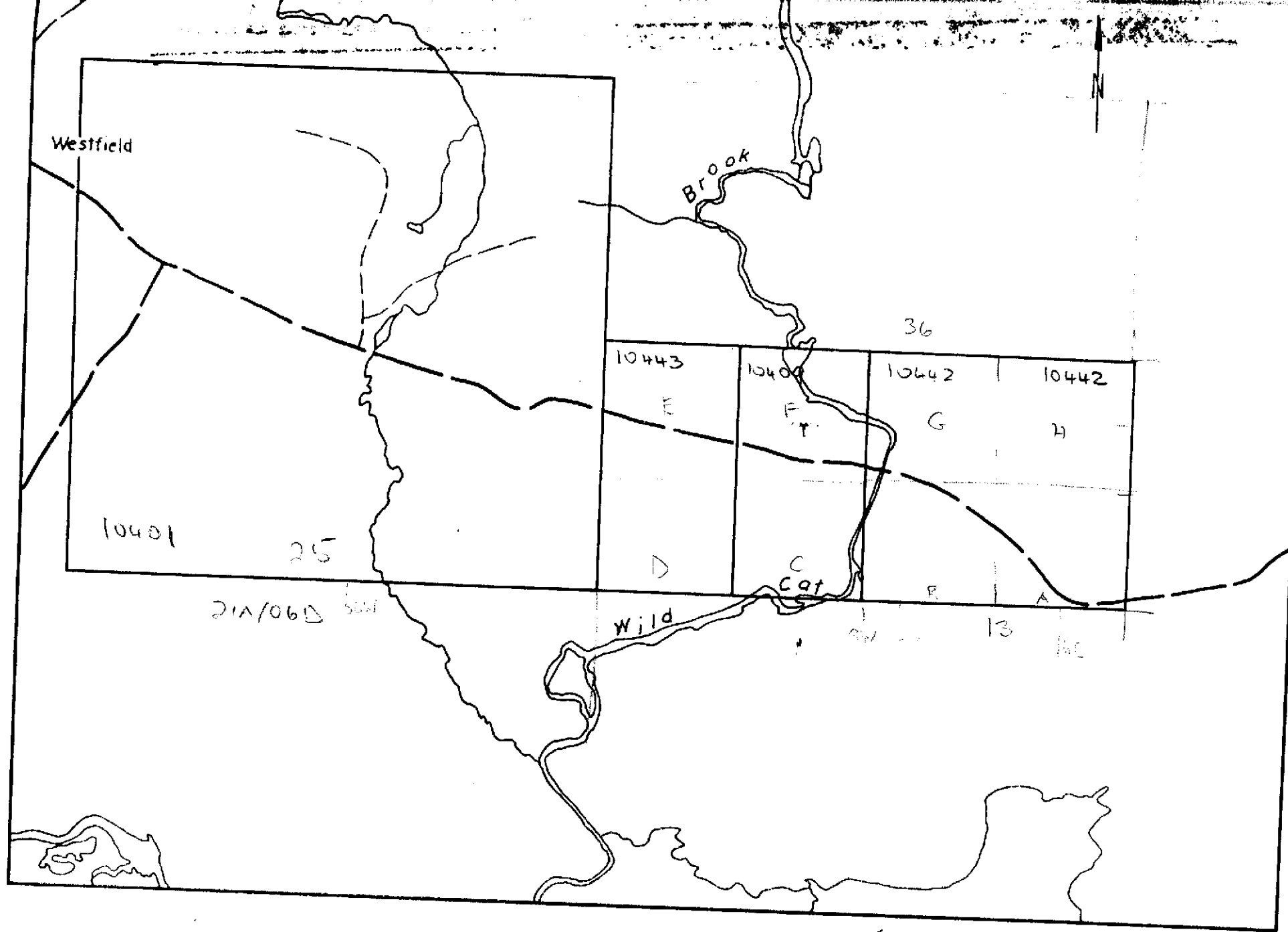


FIG. 1 LOCATION MAP

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FIG. 2 - Grid Location Map

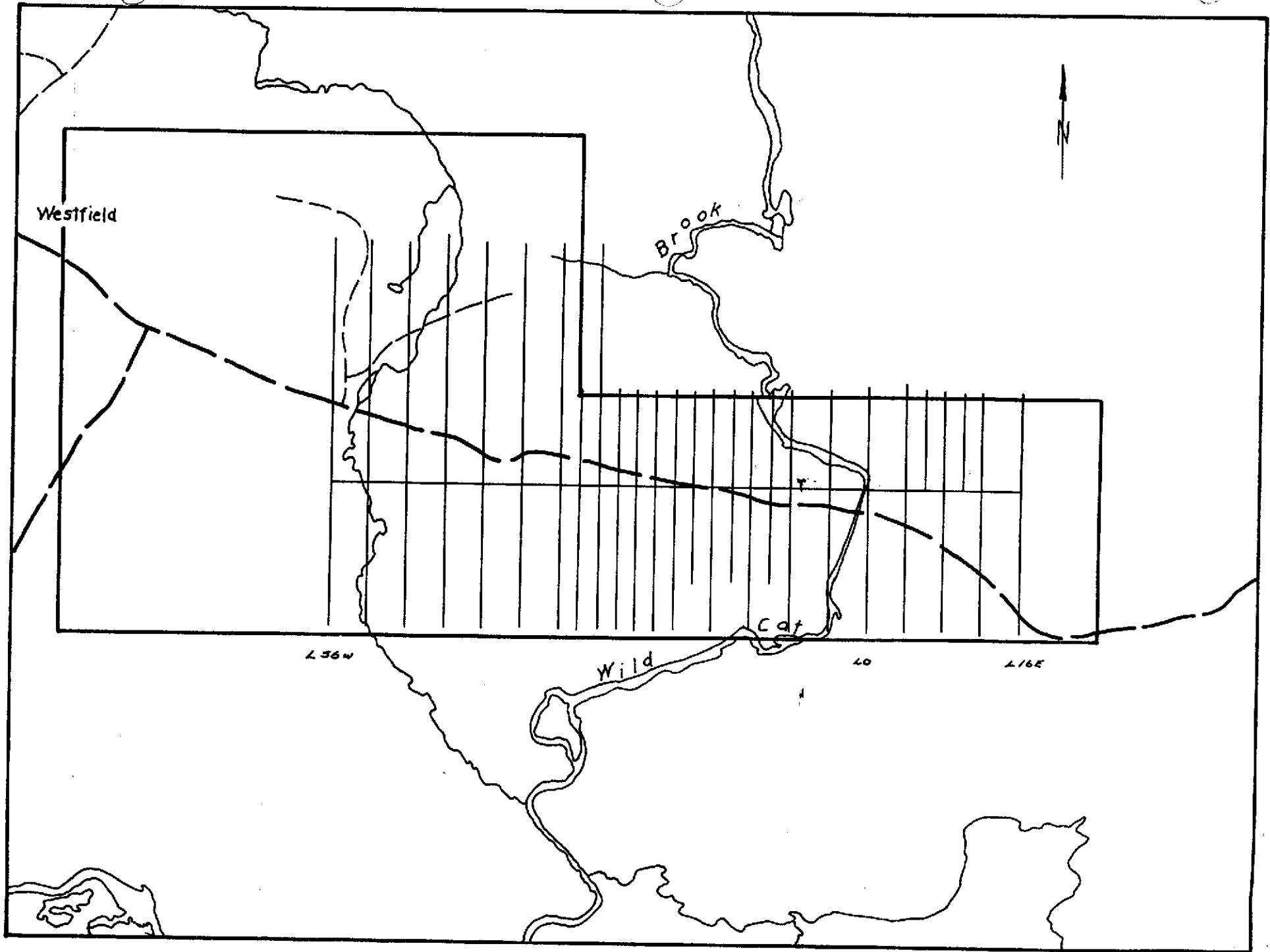


FIG. 2 GRID LOCATION MAP

LOCATION & ACCESS [Fig. 1, 2]

The Westfield property is located 3 miles northeast of Caledonia, Queens County, N. S. The property is traversed by a good gravel road running east-west between the villages of Westfield and North Brookfield. The Westfield River (Wild Cat Brook on some maps) runs north-south through the eastern portion of the property. Several bush roads also traverse the property.

PROPERTY HOLDINGS

<u>License No.</u>	<u>Tract</u>	<u>Claims</u>	<u>Ref. Map</u>
10442	36	A,B,G,H	21-A-7-C
10409	36	C,F	21-A-7-C
10443	36	D,E	21-A-7-C
10401	25	all	21-A-6-D

GEOLOGY [Drawing #9]

The Westfield claim group is underlain by argillaceous rocks of the Ordovician-age Halifax Formation.

The argillites occur on the south limb of a broad ENE-WSW trending syncline. The fold has been mapped on the Medway River, north of Caledonia. This fold structure trends

towards the central portion of the Westfield property; however, mapping has not revealed its location on the property. This may be due to deflection of the fold by a Devonian-age porphyritic monzonite intrusion which is exposed approximately 1500 feet north of the Jumbo vein. Diamond drilling indicates a south dip throughout the Jumbo area and the fold probably occurs about one-half mile south of its published position.

Previous workers in the area have shown the monzonite to be of economic significance. The monzonite body has greissenized the surrounding argillites and a large number of quartz veins emanating from the monzonite cut both the monzonite and greissen zones. Typically, these veins are weakly to well-mineralized with pyrite and pyrrhotite with minor galena, sphalerite and chalcopryrite. Grab samples on these veins have yielded up to 4 oz/ton Ag. Sampling of the main monzo-granite body, approximately one mile to the north, has given values of up to 1 oz/ton Ag and 0.36 oz/ton Au. Although the monzonite-greissen-quartz veins in this area do not show any gold values as yet, the fact that gold has been found in the main monzonite body shows that the Westfield area is underlain by a gold-bearing source rock and that if a suitable host rock or structural trap can be found in the area, then the potential for uncovering economic concentrations of gold and silver is excellent.

Several potential gold-silver hosts occur on the property. The most significant of these is the Jumbo vein. The Jumbo is a south dipping quartz vein or dyke that cuts the argillites at a small angle. The vein strikes WSW-ENE and appears to parallel the stratification of the sediments. The course of the Jumbo vein and the sediment-granite contact are roughly parallel as well, although proton magnetometer surveys carried out over the contact zone by previous workers would indicate that there is some convergence of the vein and the granite to the northeast of the Jumbo shaft.

The Jumbo vein was reported by Bailey (1896) to contain 0.25 oz/ton Au and 2 oz/ton Ag from a sulphide-rich sample. The presence of gold and silver values in the Jumbo was confirmed by O'Reilly (NSDM Rept. 83-1). A sample of quartz containing approximately 60% arsenopyrite was taken from the Jumbo dump and assayed 1.22 oz/ton Au and about 0.3 oz/ton Ag.

Based on the positive assay values obtained for gold and silver on both the Jumbo vein and in the monzonite-greissen to the north, the Westfield property was deemed an excellent exploration target.

Previous work carried out on the property consisted of ground geophysical surveys (Mag and EM), soil sampling for Sn, W, Mo and Ag and some reconnaissance prospecting. The property had not been drilled previously.

RESULTS OF 1984 EXPLORATION PROGRAMMESGeneral:

The exploration programmes carried out on the Westfield property consisted of geophysics (Mag, EM, I.P. and Max-Min), till geochemistry and diamond drilling. Both Mag and EM surveys had been carried out on the property in the past, however, the line and station spacing was considered to be too wide to give an accurate target for possible drilling that might be carried out on any resultant anomalies. Neither the I.P. nor the Max-Min surveys had been tried on this property before, but it was felt that because of the sulphide content of the Jumbo vein ($\approx 5\%$ combined sulphides) these types of sophisticated geophysical surveys would work well in outlining the Jumbo vein and the attendant sulphide mineralization.

Since the previously mentioned soil surveys had not been successful in outlining any anomalous situations, an alternate method of overburden study was tried to test for possible Ag-Au-Sn-W mineralization in the Westfield area. A reconnaissance till survey had been carried out by Shell Canada in 1979 in the Caledonia-Westfield area. Although Sn and Au values were low (Ag was not analyzed), there was a strong

(2500 ppm W in a heavy mineral separate) tungsten anomaly found in the southeast corner of the property. Based on the success of the Shell Canada till survey, a till sampling programme was initiated to cover the up-ice area of the Shell anomaly.

The diamond drilling programme was carried out on the Jumbo vein. Holes were spotted on the basis of both magnetic anomalies and surface exposures of the Jumbo vein.

Geophysics: [see Drawing #1]

(1) Magnetometer surveys

A proton magnetometer survey was carried out over the central portion of the property. Readings were taken at 50-foot intervals on lines 200 feet apart on the eastern portion of the coverage area and with 50-foot station spacing on lines 400 feet apart on the western portion of the grid. A total of 45,450 feet (8.6 miles) of magnetic survey was completed during the programme.

The Jumbo area was covered by the 50' x 200' grid. The magnetic response in this area shows a gradual increase in strength to the north. This is probably due to the metamorphic effects of the monzonite intrusion to the north. Previous surveys covering the

contact zone show a strong increase in magnetic response as the monzonite is approached, with up to a 1000 gamma change over background being recorded at the contact. This is due to 5% to 10% pyrrhotite contained within the monzonite and the associated greissenized sediments.

The Jumbo vein shows up as a 100 to 200 gamma magnetic high. This is the result of a 1% overall pyrrhotite content within the quartz vein and associated stockwork. As can be seen from the magnetics map, the mag anomaly is offset to the south of the exposed vein. This is picking up down-dip concentration of pyrrhotite within the vein. Based on the magnetic signature of the Jumbo vein, it appears that the vein runs from 25+00W to 11+00W, giving a probable strike length of the structure of about 1400 feet.

The western portion of the grid (400' x 50' grid) shows a portion of formational anomalies trending roughly parallel to the observed attitude of the metasediments exposed on the Westfield River. The northern portion of the grid shows an east-west trend to the magnetics which roughly parallel the course of the monzonite intrusion. Two strong (1000 gamma) anomalies exist in this section (line 44W, 21+50N and

line 40W, 12+50N) are separated by a broad mag low. This is probably an expression of the intrusion and attendant mineralized zone surrounding the margins of the intrusion.

As there is good correlation of the magnetics and the EM (following section) in this area, it is felt that further, more detailed work should be carried out here.

(2) EM-16 survey [Drawing #2]

The line spacing for the EM survey is the same as for the magnetometer survey except the station spacing is 100' rather than 50'. A few lines of EM were also run on the east side of the Westfield River and additional coverage was carried out on the southwestern grid area. A total of 61,750 feet (11.7 miles) of EM-16 survey was carried out.

The EM-16 survey shows the same formational trends as the magnetics, however, the anomalies tend to be broader. This may be a result of the station spacing.

Two discontinuous EM anomalies exist in the northern portion of the grid. These are coincident with the magnetic anomalies previously described. Greater than 30% in-phase anomaly trends exist from line 40W, 21+50N to 10+50N on line 52W, and from line

40W, 12+50N to line 52W, 10+50N. It would appear that this coincident Mag-EM anomalous trend is representing mineralization associated with the monzonite intrusion and, as outlined in the section on magnetic surveys, is worthy of further work.

(3) I.P. and Max-Min surveys [Drawing #3]

These surveys were carried out on a trial basis to see what system would be successful in outlining the Jumbo zone and any associated sulphides.

(a) Max-Min survey:

A total of 5500 feet of Max-Min survey was carried out on the property. Cut and picketed lines were put in on flagged lines 10W, 14W and 18W to cover the Jumbo vein. On lines 14W and 18W the survey was carried out with coil spacings of 200 and 400 feet, while on line 10W only a 400-foot separation was used because results obtained on lines 14W and 18W indicated that the relatively flat response on those lines would not change to any appreciable degree on line 10W. All lines were surveyed using 444 Hz, 1777 Hz and 3555 Hz frequencies for each coil separation.

The Max-Min showed little response on the property. This is probably due to the fact that this type of survey is better suited to finding massive sulphide mineralization rather than disseminated or stringer mineralization. Subsequent drilling on the Jumbo vein showed that disseminated and stringer mineralization were the only types present in this area.

(b) I.P. survey:

The I.P. survey was carried out over the same lines (10W, 14W and 18W) as the Max-Min survey. Initially the lines were surveyed using a 200-foot electrode spacing with a section depth of $N=4$. This was done at a 200-foot electrode separation in order to get maximum depth penetration on the Jumbo vein. At this spacing, penetration depth would be $\frac{1}{2}$ electrode spacing times N or about 400 feet vertically. This is only an approximation as the actual penetration depends on a number of variables, such as conductivity and density of the underlying rock and the nature of the overburden in the survey area.

The main feature outlined by the original I.P. survey is a roughly east-west trending frequency effect anomaly of greater than 10% apparent frequency effect occurring on line 18W from 2N to 45, line 14W from 4N to 25 and on line 10 from 2S to the end of the survey line (3N). [This line was cut short on the north because it ran into the river.] This anomalous feature has a shallow resistivity low associated with it, running from 1S on line 18W to 1N on lines 14W and 10W. The 200-foot line spacing was adequate for outlining the broad outlines of an anomalous feature, but was not successful in outlining the Jumbo vein. Because of this, it was decided to close up the electrode spacing to 100-foot and then to 50-foot spacings to see which spacing would best define the zone.

Line 14W runs across the surface exposure of the Jumbo vein and crosses the shaft on the vein at 2+00S. Because of this, line 14W was chosen to run the trial spacings on. With a spacing of 100 feet there is no indication of the Jumbo vein, which should show up as a

resistivity high with an associated frequency effect high. A broad FE high occurs here. This is the same one outlined with the 200-foot electrode spacing, but it is better defined at 100-foot spacing. It extends from 1S to 2N with an associated resistivity low. This anomaly was thought to represent either disseminated, low-grade mineralization within the Halifax Formation metasediments, or widely-spaced graphitic horizons developed within shears in the metasediments. Subsequent drilling showed both of these situations to be the case.

When the electrode spacing was closed down to 50 feet a zone of high resistivity was found centered on the surface exposure of the Jumbo vein. This anomalous zone has an apparent south dip and is associated with an apparently near-vertical FE anomaly. The resistivity anomaly is divided into two segments of roughly equal intensity within a larger resistivity high. As later drilling showed, the broad resistivity high is a zone of greissenized and silicified metasediments. The two stronger

resistivity highs represent the Jumbo vein and an associated quartz stockworks located within the footwall of the main Jumbo vein. The positioning of these anomalies correlates well with the up-dip projection of the Jumbo vein and the stockwork zone.

Based on the results of the I.P. test survey, it is suggested that further surveys, using the I.P. at an electrode spacing of 50 feet, will outline the eastern and western extensions of the Jumbo zone.

Till Sampling [Drawings #4-7]

A total of 117 till samples were taken during this survey. The area covered is up-ice from a pre-existing heavy mineral separate tungsten anomaly. The eastern portion of the grid was covered to see if a dispersion train of tungsten in till could be traced back to its source. Samples were to be taken at a planned depth of 3 feet; however, in the field the sample depth was determined by the depth to a pervasive hardpan layer that extends across the property. The depth to hardpan varied from 12 inches to 48 inches. Samples averaged 3610 grams. These were then panned down to an average concentrate size of 50 grams, giving an approximate

concentration factor of 7z. The concentrates were than analyzed for Sn, W, Ag and Au.

Generally, values for all analyzed elements were low and no well-defined anomalous trends were noted.

The silver highs found during the survey do not follow any particular trend, although highs tended to be concentrated on the northern portion of the grid, suggesting dispersion from the granite to the north. Values range up to 24.2 ppm Ag, but the highs are disconnected with no apparent pattern to the location of the highs.

Tungsten values are low throughout with a peak of 166 ppm W on line 8E, 25. This high is part of a weak trend that runs parallel to the Jumbo vein, occurring about 800 feet down-ice from the vein.

This is mirrored by a gold anomaly running parallel to the Jumbo, about 500 feet to the south of the vein. Like the tungsten trend, the gold values are spotty and do not form a continuous, line-to-line anomaly. A peak value of 1480 ppb Au occurs 1100 feet south of the Jumbo vein.

Tin values show no definite trend and results are generally low.

Diamond Drilling [Drawings #8, 9, 10]

Five holes were drilled, totalling 2214 feet, during the current exploration programme. All holes were targeted on the Jumbo vein and all (except for hole WF-84-1) intersected the vein system. Geochemical analysis of the Jumbo vein and its associated stockworks generally gave disappointing results for gold and silver. Tin-tungsten values were also low. Thirty element scans of the vein material and the enclosing sediments did not reveal any encouraging values for other elements.

Hole WF-84-1 was drilled from north to south on the north side of the Jumbo vein exposure on line 14W. As the attitude of the vein was not known at the time, the hole was essentially drilled blind. The hole was drilled to 489 feet and ran down the dip of the strata, parallel to the vein, for the entire distance. A few, narrow, interbedded quartz veins were intersected, but analysis showed them to be essentially barren. A number of narrow (2"-4") greywacke beds, well mineralized with aspy, cpy, po and py were intersected. These greywacke units contained the highest gold content (110-580 ppb) and silver content (1.4-5.0 ppm) of anything intersected in the hole. An elevated

tungsten value (519 ppm) was also intersected in the mineralized greywacke.

Hole WF-84-2 was drilled from south to north from the south side of the Jumbo exposure. The vein was intersected at a depth of 186 feet and consisted of a solid mass of quartz to 236 feet. Between 236 feet and 281 feet a strongly greissenized section of sediments with abundant quartz veining was intersected. From 281 feet to 304 feet greissenized sediments containing about 60% quartz vein material was hit. The interval from 236 feet to 304 feet is called the "stockworks zone"; the main mass is what is known as the "Jumbo vein". Throughout the section the quartz carries minor po, py, cpy and sph, is commonly mineralized with fluorite and, along xenoliths of greissenized sediments, massive tourmaline occurs. Analysis of the vein material showed very low gold and silver content. While tin and tungsten analysis was not carried out on all samples, those which were run showed only sporadic highs of up to 363 ppm W and 447 ppm Sn. The best tungsten analysis was on a narrow greywacke-quartz stringer zone carrying visible scheelite. It ran 1000 ppm W over 1.7 feet.

Hole WF-84-5 was drilled on section with hole WF-84-2 and was set to intersect the vein system at depth. The Jumbo vein was intersected at a depth of 432 feet. Mineralogically, this hole is virtually identical to WF-84-2. Pyrite and pyrrhotite are the main sulphide minerals with minor sphalerite and chalcopyrite also occurring. Fluorite and tourmaline are also present, but in lesser amounts than in hole WF-84-2. Sericite is more prevalent than in the previous hole.

The Jumbo vein occurs from 432' to 483' as a mixture of greissenized sediments and quartz with quartz occupying about 55% of the zone. From 501' to 518' the stockworks zone was intersected; however, the quartz content was only about 40%. This section is weakly mineralized with iron sulphides, sericite and chlorite, and minor fluorite.

The gold content of the Jumbo vein and the stockworks zone is higher in this hole than in hole WF-84-2. Anomalous gold values range from 100 to 353 ppb Au. Tin and tungsten content is about the same as hole WF-84-2.

The drilling carried out in the eastern end of the Jumbo vein - holes WF-84-1, 2 and 5 - showed the vein

to be dipping 75°S and the sediments about 60°S . Although there is no obvious evidence, i.e. fault gouge or brecciation of the host metasediments, it would appear that the Jumbo vein system occurs as an infilling of a pre-existing shear zone or other zone of weakness cutting the metasediments at a small (15°) angle. Mineral content of the vein suggests that the quartz has emanated from a granitic source.

Hole WF-84-3 was drilled 200 feet west of WF-84-2 to probe the western extension of the Jumbo in an area where there was no surface expression of the vein.

The vein was hit at a depth of 109 feet and continued to a depth of 155.9 feet. This section is similar to those previously described; however, the quartz content is only about 25%. Minerals noted here are pyrite, pyrrhotite, chalcopyrite, sphalerite, fluorite and rare arsenopyrite. Total sulphide content is in the order of 1%. Analysis of the core showed low values for Au, Ag, Sn, W. In this section the Jumbo zone dips 62° to the south, while the bedding is generally about 50° South.

Three narrow, mineralized greywacke beds were intersected in this hole. One of these, at 78', was well mineralized with disseminated arsenopyrite and

minor scheelite, and returned a value of 6000 ppm W. However, the bed is only 2" thick. The other beds were also well mineralized with arsenopyrite but returned low tungsten values.

Hole WF-84-4 was drilled roughly on strike with hole WF-84-3, 630 feet to the west. This hole was targeted on an outcrop of the Jumbo vein, 1000 feet southwest of the Jumbo shaft.

Here, the Jumbo zone, containing 85% quartz, was hit at a depth of 203' and it extended to a depth of 252'. Both above and below the Jumbo, numerous bedded and cross-cutting quartz veins were also intersected.

As in the other holes, gold, silver, tin and tungsten values within the Jumbo vein are low. The best analysis for gold (1800 ppb) occurs below the Jumbo in a small ($\frac{1}{2}$ ") corrugated quartz vein carrying about 50% pyrrhotite. Generally speaking, the gold content of the quartz veins is greater (100 to 1800 ppb Au) below the Jumbo than within the vein (20 to 70 ppb). A low-grade tungsten intersection was hit between 115' and 118.7'. Here, scheelite occurs as fine disseminations in high angle quartz-filled tension gashes that cut a greywacke unit. Analysis returned 1100 ppm W.

In this section of the property the Jumbo veins dip 57° South, while bedding is variable but averages about 63° South.

CONCLUSIONS & RECOMMENDATIONS

On the basis of the programme recently concluded on the Westfield property, a number of observations may be made.

The diamond drilling programme was not successful in outlining any mineralization of economic significance. However, that is not to say the Jumbo vein does not contain economic mineralization at some point along its course. The problem is to be able to define that point on a structure that has a possible strike length of at least 4000 feet across the property with only 10% of the structure being exposed. Based on the geophysical surveys which were carried out here, it is suggested that electromagnetics (EM-16 and Max-Min) is not well suited for outlining this type of target, i.e. quartz with disseminated sulphides. The proton magnetometer survey was successful in outlining the known Jumbo vein because the pyrrhotite content of the vein was high enough to give some response. However, it has been shown by the drilling results that there is no apparent association of pyrrhotite and gold-silver or tin-tungsten mineralization in the vein. The I.P. survey was also successful

in outlining the Jumbo zone once the correct electrode spacing was found. Although the I.P. didn't outline any economic mineralization, it should be noted that the I.P. anomaly on the Jumbo vein also has a magnetic component. If both Mag and I.P. surveys were carried out on the east and west extensions of the drilled area on the Jumbo, then resultant coincident anomalies could be screened and subsequent drilling would be targeted on I.P. anomalies which have no magnetic response. In theory this will enable one to differentiate between areas that contain metallic minerals which are indicative of tin-tungsten mineralization (chalcopyrite, pyrite, arsenopyrite, molybdenite) and later minerals that are beyond the tin-tungsten depositional field (pyrrhotite, marcasite, magnetite). It is felt that the area of most interest, as far as tin-tungsten is concerned, lies to the northeast of the Jumbo shaft in the area where the vein system approaches the source granite.

As far as is known, there is no geophysical method of outlining gold or silver mineralization, so it falls to geochemical methods to outline areas of interest. Gold and silver soil geochemistry has been found to be unreliable for outlining gold or silver mineralization. Because of this, it is felt that indicator elements should be analyzed for in "B" zone soil samples. These would be antimony, arsenic, lead and zinc. This work should be carried out over the entire strike length of the Jumbo zone.

As can be seen on the accompanying Mag and EM maps, strongly anomalous geophysical situations exist in the northern portion of the property. These anomalies are thought to represent alteration-greissenization developed adjacent to the margins of the monzonite intrusion exposed roughly 1600 feet to the east.

As previously stated, samples taken from quartz veins occurring as a quartz stockworks associated with the greissenized nose of the monzonite intrusion carry up to 4 oz. of silver/ton. Associated with the silver-bearing veins are elevated lead and zinc (0.5% Pb, 2.2% Zn) contents. The granite itself is reported to contain up to 0.358 oz/ton Au and 0.98 oz/ton Ag. Because of this, the Mag-EM anomalies have significance as representing potential hosts for Au-Ag mineralization. An exploration programme of I.P. and soil sampling for Sb, Pb, Zn and As to cover the anomalies (lines 32W to 56W and from 7N to 30N) would be sufficient to generate targets worthy of follow-up diamond drilling.

If the ground lying to the east of these anomalies (that ground covering the monzonite intrusion) can be acquired, then the aforementioned survey should be extended to the east to cover the contact zone as far as line 4E on the Westfield grid. It may prove worthwhile, if the ground is acquired, to put down two diamond drill holes to cross-section the mineralized greissen

and associated stockworks mineralization exposed along the Westfield River section. This would aid in determining the economic potential of the greissen bordered veins and the nature of the ensuing exploration programme to be carried out on the anomalous area to the west because it may turn out that the true potential of the area is as a tin-tungsten situation rather than the gold-silver. Further work should be carried out on the property to fully assess the mineral potential of the geologically attractive situations present both in the Jumbo vein and the monzonite-greissen-stockworks to the north.

Hole No. WF-84-1

DIAMOND DRILL LOG

Seabright Resources Inc.

Company

6100 Young Street, Halifax, N. S.

Address

DIAMOND DRILLING BY (Co. Name) Logan Drilling Ltd.

Tract

~~XXXXX~~ NO. (Prospector's Licence No.) 36 Claim Nos. C to/and

TOWNSHIP _____ PROVINCE _____

LOCATION Westfield

DIP-COLLAR -50° STRIKE 160°T

ft. LENGTH 489'

ft. ELEVATION _____

ft. LATITUDE L 14+80 W

ft. DEPARTURE O+20N

Date Started _____ Date Finished _____

LOGGED BY: D. L. Black



II _m	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES
0	16	overburden			
16	294	black, crenulated slate - interbedded with light grey greywackes - bedding parallel to core axes - core badly broken and fractured to 40' - minor py on fractures - 42.3' = 1½" q.v. in fracture zone @ 30°TCA - minor py, fl, po, fldsp - numerous tension gashes infilled with hairline q.v.'s - 56' = 3" q.v. @ 30° = cross fractures carry py, po 5% - 62'-64.3' = strongly mineralized greywacke bed running down core - 10% aspy with 5% py, minor po - 64.3'-65' = q.v. - fldsp, py @ 30°TCA - section from 66'-83' strongly sheared - graphitic fractures - 80' = bedding 15°TCA - 85.6' = 1½" q.v. @ 20°TCA - 5% py+po, cpy, aspy - bedding drag folded @ 70° to 90°TCA - 103' = bedding 10°TCA - 113' = ¾" q.v. @ 8°TCA - qtz-fldsp-po+py in fractures - cross cutting vein -114.7-119 = hairline to 1" q.v. @ 0°TCA - similar to 113' - 142.7' = ¾" q.v. - fldsp, py @ 25° TCA - bedding from 115-151' = drag folded @ 70-90°TCA - beds generally @ 10°TCA - 166-168.2' = silicified slate - bleached (weak), numerous narrow q.v.'s - fldsp-py (minor)			

PROPERTY Westfield

HOLE No. WF-84-1

DIAMOND DRILL LOG

PAGE No. 1

C _m	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES		
		- 175-190' = section sheared parallel to bedding - 10°TCA - bedding increases locally to 30°TCA					
		- 194' = bedding 20°TCA					
		- bedding runs from 0° to 5°TCA at 240'					
		- 227' = spotted slate - core highly fractured - infilled with quartz-py-chl veinlets - ≤5% vein material					
		- to 269' - shearing fairly common along bedding planes, i.e. @ 0-10°					
		- 269-274' = bedding @ 20±TCA					
		- 249.5' = 2" gwke with 5% aspy, minor py					
		- 251.8' = ½" q.v. @ 35° - minor po, py					
		- 254.7' = 1" q.v. @ 45° - 1% po with minor py					
		- 256.0' = 1/8" q.v. @ 10° - runs along bedding plane					
		- from 250' to 293' - zone weakly silicified and bleached					
		- 262.6-263.7' = silicified slate with 2 q.v.'s - ½" and 1" - 1% po + py					
		- 274' - bedding 45° - drag fold					
		- 294' = bedding 10°TCA					
		- 303-305.5' = slatey gwke with py, po, aspy along bedding planes - cross cut by fractures with sph, cpy, py					
		- several narrow skarn bands 303'-330'					
		- bedding 10°TCA					
		- small qtz lenses and veins common throughout skarn interval - generally @ 90°TCA					
294	330	thinly interbedded black slate and greywacke - bedding variable 10°-30° TCA					

PROPERTY Westfield

HOLE No. WF-84-1

DIAMOND DRILL LOG

PAGE No. 2

D _n	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES			
330	489	black slate with minor interbedded greywacke						
		- 332-333' = skarn band - spessartite - aspy - py						
		skarn bed runs along core axis						
		- 343' = bedding 30°TCA - bedding contorted by						
		gentle drag folding						
		- 344.8' = 1/4" q.v. @ 50° - chl+py						
		- 345-381' = 98% black slate with minor interbedded						
		greywacke - bedding 10°TCA						
		- core becomes increasingly fractured with depth						
		- fracture infilled with hairline q.v.'s - chl-py -						
		generally at high angle						
		- low angle fractures - graphitic with minor py -						
		appear to be late fractures						
		- 371.7' = undulating q.v. @ 0-10°TCA - q-chl-py-po						
		total sulphide ≤ 1%						
		- 402-426.3' = slatey gwke with thinly interbedded grey						
		slate - bedding variable 0°-20°TCA						
		- 425.2-426.3' = 2" skarn band @ 10°TCA						
		- 3% disseminated py						
		- 404' = 1/8" q.v. - 10% py - vein irregular -						
		- follows fractures						
		- 433-452' = bedding @ 0° to 15°TCA						
		- 463.4-464.7' = strongly mineralized gwke - 2" -						
		- 30% combined po+py+cpy+aspy+sph						
		- po dominant						
		- bedded - 22°TCA						
		- 0.25% sch						

PROPERTY Westfield

HOLE No. WF-84-1

DIAMOND DRILL LOG

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Hole No. WF-84-2

DIAMOND DRILL LOG

Seabright Resources Inc.
Company
6100 Young Street, Halifax, N. S.
Address

DIAMOND DRILLING BY (Co. Name) Logan Drilling Ltd.

Tract
~~XXXXXX~~ NO. (Prospector's Licence No.) 36 Claim Nos. D to/and

TOWNSHIP _____ PROVINCE _____

LOCATION Westfield

DIP-COLLAR -50° STRIKE 0°T

ft. LENGTH 500'

ft. ELEVATION _____

ft. LATITUDE L 14+00 W

ft. DEPARTURE 4+25S

Date Started _____ Date Finished _____

LOGGED BY: D. L. Black

AVERAGES

From	To	Core Length	Sample # From To	Vertical Depth	ppb Au	ppm Ag	ppm W	ppm Sn	ppm Bi
43.5	45.0	1.5'	1501	✓					
47.0	50.8	3.8'	1502	✓					
186.8	188.1	1.3'	1503	✓	TR.	1.3	-	-	-
188.1	189.6	1.5'	1504	✓	TR.	4.1	4	13	91
189.6	193.0	3.4'	1505		TR.	1.6	-	-	-
193.0	195.6	2.6'	1506	✓	TR.	1.9	363	55	43
195.6	198.8	3.2'	1507	✓	345	2.9	64	32	71
198.8	202.3	3.5	1508	✓	TR.	1.7	-	-	-
202.3	205.0	2.7'	1509		172	1.9	9	17	22
205.0	209.0	4.0'	1510	✓	TR.	9.5	≤1	21	16
209.0	212.0	3.0'	1511	✓	TR.	0.5	8	27	20
212.0	217.0	5.0'	1512		TR.	0.4	-	-	-
217.0	221.1	4.1'	1513		TR.	0.9	-	-	-
221.1	226.0	4.9'	1514	✓	TR.	0.7	-	-	-
226.0	230.5	4.5'	1515		TR.	0.6	-	-	-
230.5	234.0	3.5'	1516	✓	TR.	0.8	-	-	-
234.0	239.8	5.8'	1517	✓	TR.	1.5	55	43	22
239.8	242.0	2.2'	1518		TR.	1.9	43	54	-
242.0	244.4	2.4'	1519	✓	TR.	1.7	≤1	57	-
244.4	249.6	5.2'	1520	✓	TR.	2.0	485	75	22
249.6	252.2	2.6'	1521		TR.	1.9	185	68	38
254.0	257.0	3.0'	1522	✓	TR.	1.7	10	62	21
257.0	258.9	1.9'	1523	✓	TR.	1.7	≤1	20	17
258.9	260.5	1.6'	1524		TR.	2.2	59	45	36
260.5	262.8	2.3'	1525	✓	172	1.6	4	73	21
262.8	267.1	4.3'	1526	✓	172	1.7	57	44	39
252.2	254.0	1.8	1527		TR.	0.5	11	46	23

AVERAGES

From	To	Core Length	Sample # XXXXXX	Vertical Depth	ppb Au	ppm Ag	ppm W	ppm Sn	ppm Bi
267.1	271.5	4.4'	1528	✓	≤10	0.4	35	50	-
271.5	275.4	3.9'	1529		40	1.1	42	32	-
275.4	279.9	4.5'	1530		21	0.9	51	29	27
279.9	281.0	1.1'	1531		TR.	1.8	38	44	34
281.0	285.2	4.1'	1532		TR.	1.4	13	67	-
285.2	287.4	2.2'	1533	✓	TR.	1.3	-	-	-
287.4	289.6	1.8'	1534		TR.	1.1	-	-	-
289.6	291.0	1.4'	1535		TR.	1.4	-	-	-
291.0	294.0	3.0'	1536	✓	TR.	0.9	-	-	-
294.0	296.3	2.3'	1537		TR.	1.6	-	-	-
296.3	301.0	3.7'	1538	✓	TR.	1.0	-	-	-
301.0	304.5	3.5'	1539		TR.	0.2	21	447	23
304.5	309.5	5.0'	1540	✓	10	0.7	-	-	-
309.5	314.2	4.7'	1541	✓	10	0.4	-	-	-
314.2	315.7	1.5'	1542	✓	20	0.7	-	-	-
315.7	316.8	1.1'	1543		20	0.9	143	177	15
316.8	319.5	2.7'	1544		40	0.5	-	-	-
319.5	324.2	4.7'	1545	✓	≤10	0.9	-	-	-
326.8	328.5	1.7'	1546	✓	≤10	0.9	-	-	-
328.5	331.3	2.8'	1547	✓	10	1.2	-	-	-
342.5	344.5	1.7'	1548	✓	20	2.5	1000	78	21
366.5	369.0	2.5'	1549	✓	40	0.6	2	17	32
392.0	394.4	2.4'	1550		10	0.8	18	19	32
387.9	388.3	.40'	1551		-	-	181	-	-
413.7	415.0	1.3'	1552		-	-	110	-	-
426.0	427.0	1.0'	1553		≤10	1.1	30	18	-
428.9	430.7	1.9'	1554		10	1.2	31	33	-

Interval	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES			
0	10	overburden						
10	10.4	light grey silicified gwke						
		- lower contact 62°						
		- limonite stained along fractures						
10.4	186.8	finely laminated black slate						
		- thinly interbedded argillaceous gwke throughout						
		- bedding 16' - 52°TCA						
		- bedding 26' - 56°TCA						
		- bedding 35' - 60°TCA						
		- section fractured throughout						
		- fractures @ 0° - infilled with qtz - tension gashes						
		- minor py common in these fractures						
		- 31' = fracture - 30°TCA - py						
		- cross cutting fractures @ 80-90° throughout						
		- generally slickensided - chloritic with py						
		- 39' = cross fold @ 50°TCA - bedding 30° TCA						
		- 39.5' = cross cutting 1/8" q.v. 60°TCA - bedding 53°						
		- 42-45' = light grey argillite						
		- bedding @ 42 - 45°TCA - shearing parallel to bedding						
		- 43.2' = bx - infilled with qtz - fluorite - feldspar						
		and possible powellite - zone silicified						
		- 46' = bedding 50° TCA						
		- 46.5' = 1/8" q.v. py 48°						
		- 48' = bedding 56° TCA						
		- 48-50' = bx zone similar to 43.2-45' - same assemblage						
		- silicified zone						
		- 47-51.6' = light grey argillites						
		- 62' = light grey argillite beds in black argillite						

PROPERTY Westfield

HOLE No. WF-84-2

DIAMOND DRILL LOG

PAGE No. 1

D _m	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES			
10.4	186.8	(cont'd)						
		- corrugated - bedded @ 45°TCA						
		- corrugations @ 45°TCA 1 to bedding						
		- section of contorted bedding extends from 62-70' -						
		45° and 45° - core highly fractured and broken						
		throughout section - occasional very narrow qtz stringers						
		in section - rare sulphides						
		- core sheared - generally at low angles - 0°-20°						
		- 78' = interbedded with grey argillite @ 45°TCA						
		- 84.2' = tension gashes - infilled with buff flds						
		- fractures to 92' with chlorite, py ± po smears						
		- 89' = shears 0°-2° to core - bx						
		- 92-94.3' = slate with narrow silicified sections						
		- individual silicified bands 1'-1.5' wide						
		- brecciated with blotches and irregular veins of quartz						
		qtz-fldsp-fl in bx						
		- section sheared throughout at 0°						
		- 98.5' = bedding 53°TCA						
		- 103' = bedding 60°TCA						
		- 113' = bedding 52°TCA						
		- 127.3' = bedding 56°TCA						
		- 137' = bedding 48°TCA						
		- 102-103' = bx - infilled with qtz stringers - rare py						
		- 108.7 = 2, 1/4" qtz veins on bedding - truncated in sediments						
		- 112-113' = weak shear with qtz stringers @ ≈5°TCA						
		- 119-120' = tension gashes - shears at 20° - gashes at right						
		- 122' = 1/8" q.v. along shears at 15° TCA					angles to shears	

PROPERTY Westfield

HOLE No. WF-84-2

DIAMOND DRILL LOG

PAGE No. 2

m	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES		
		- 123' = 3" silicified zone - qtz blows in gash openings					
		- 130-134 = shear @ 0°TCA - infilled with narrow qtz stringers with rare py, fldspr.					
		- 137.5 = shear @ 0°TCA - same as 130-134'					
		- 139.5-142.2' = shear @ 5°TCA - numerous qtz stringers along shear and in tension gashes					
		all less than 1/8" with very minor py					
		- 144-145' = 1/4" to 1/2" g.v. @ 85° - with sericite, py, fldspr					
		- 144-146' = g.v.'s along shear @ 5°TCA and in tension gashes					
		- 145' = bedding - 52°					
		- 155' = bedding - 48°					
		- from ≈ 160' to 187.8' section becomes paler grey and is moderately silicified and bleached					
		- 160' = bedding 45°					
		- 170' = bedding 50°					
		- 178.8' = 2, 1/2" g.v.'s @ 60° parallel to bedding					
		- 182.5' = bedding gently folded - 54° - x-fold @ right angles					
		- 185' = 1 1/2" g.v. - 10% py with po, sph.					
		- biotite alteration on margins					
		- bedding 72°, vein cross-cuts @ 65°TCA					
		- 186.5' = 1/4" g.v. along bedding @ 70°					
		- 186.8' = contact with Jumbo					
		- bedding @ contact - 78°TCA					
		contact cross cuts @ 25°TCA					
188	235.6	"Jumbo" vein					
		- margin at contact weakly tourmalinized with very					
		minor po, py (unless noted otherwise, vein white, bull qtz)					

PROPERTY Westfield

HOLE No. WF-84-2

DIAMOND DRILL LOG

PAGE No. 3

m	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES			
		- 188-189.3' = quartz fractured and infilled with sph and minor py, cpy - 10% total sulphide						
		- 191.2' = fractures with splashes py - minor sph.						
		- 193-195.6' = zone fractured and infilled with green flourite, 7% py, po, sph, cpy - py dominant - 5% - 1% po + 1% sph+cpy, 20% crystalline flourite, occasional intergrowth py, po						
		- 197-197.5' = sericite schist - light grey green, 5% fine-grained py, po, aspy						
		- 197.8 - fracture fillings, py, po - 10%						
		- 198.7 - sph vein @ 90° with minor po						
		- 198-203' = 10% flourite, minor (1%) py, po, sph						
		- 204-205' = section of replaced seds. - dark grey qtz with cross cutting (late?) qtz @ 5°TCA						
		- 205.3' = 3: clasts sericite schist with coarse aspy on margins						
		- 210' = 20% py, chl on fractures, roughly 70°-90° occasional splashes cpy, aspy, py with chl interval to 235.6' sparsely min with chl						
		- occasional clasts sericite schist with aspy scattered throughout						
		- 235.6' = lower contact broken, contact may be 90°						
235.6	252.2	medium grey greisenized sediments						
		- white micas abundant along bedding planes						
		- 234.5' = 1" q.v. @ 42°TCA with cross cutting py-po veinlet 5% total sulphides						
		- 234.6-235.7' = grey-white q.v. @ 80° minor sulph. along margins						
		- 235.9' = 1" q.v. @ 80°						
		- 238.7-239.8' = grey white q.v. @ 80°TCA, trace py, tourmaline well developed along vein margins						

PROPERTY Westfield

HOLE No. WF-84-2

DIAMOND DRILL LOG

PAGE No. 4

m	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES		
		- 237' = bedding 65°TCA					
		- 241' = bedding 5°TCA: 240-242' cross cut with numerous qtz. and qtz-sph-py+po,cpy veinlets					
		- 242.2' = 1.75" q.v. - minor py,po,aspy @ 80°TCA					
		- 242.6' = 1/4" q.v. @ 80° - 10% py,po along vein margins					
		- 243.3-243.8' = q.v. - big blob tourmaline in mid vein abundant py,po,cpy along hanging wall vein @ 30°TCA					
		- 244.4-244.7' = 3/4" q.v., 1/4" q.v., several stringers @ 70° veins dark grey abundant fine-grained aspy in wall rock, py po in cross cutting fractures					
		- 244.4-249.6' = greissenized seds. - bedding 20°TCA abundant fine-grained aspy throughout several q.v.'s parallel to bedding					
		- 249.6-252.2' = section about 50% quartz as stringers @ 60-70°TCA = 10% py,po,aspy,cpy throughout					
		- 252.2-254' = q.v. with selvages sericite schist 5% py in fractures with minor po, cpy					
252.2	263.2	zone of strong qtz veining within micaceous (greissenized) seds.					
		- 254-257' = similar to 249.6-252.2 with 15% py+po+cpy minor aspy					
		- 254.5-255' = grey-white q.v. with 25% py,po,cpy - fracture fillings - vein @ 60°TCA					
		- 257-258.8' = greasy white q.v. with 10% po+py+cpy					

PROPERTY Westfield

HOLE No. WF-84-2

DIAMOND DRILL LOG

PAGE No. 5

①	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES			
		- 258.8-262.7' = 70% qtz with mica schist						
		- odd bleb green fluorite, tourmaline						
		- 260-260.5 = 30% py+po along bedding, trace @ 60°TCA						
		- 260.5-262.7 = numerous remnants micaceous schist within quartz vein						
		- 262.7-263.2 = qtz within massive tourmaline @ 45°						
263.2	281	same as 235.6-252.6						
		- 263.6 = 2" qtz @ 75° - py, aspy						
		- 264.3 = 1" qtz - po @ 45° - minor scheelite						
		- 266.1 = 1/2" qtz - po, aspy @ 40°						
		several narrow q.v.'s throughout section						
		- 272.2 = sulphide - py shear @ 35°						
		- 273.2 = 1" q.v. - fluorite, py, cpy, po (minor)						
		- 276.5 = stringer zone to 277' @ 30° - 5% po						
		- 277.4-278.4 = qtz zone - 80% qtz @ 30°TCA						
		1/8" band po - no sulphide otherwise						
		bedding - 268' - 67°						
		- 268.8 = 2, 1/4" q.v.'s with 50% py @ 45°						
		- 275' = bedding - 70°						
281	304.5	quartz zone - quartz similar to "Jumbo" zone						
		- contact @ 90°TCA						
		5% po in fractures and vugs adjacent to contact (8" wide)						
		- section is about 60% qtz with irregularly spaced bands of silicified slate						
		- slate at 287-288 - banded with qtz @ 60°						
		289-290.2 - contact 60°TCA						

PROPERTY Westfield

HOLE No. WF-84-2

DIAMOND DRILL LOG

PAGE No. 6

D _m	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES			
		294-294.6)						
		294.8-295.3)						
		298.7-299.3)						
		299.9-300.9)						
		302.2-303)						
		303.6-304.2)						
		- quartz generally barren or with $\leq 0.5\%$ py+po						
		- 298-300.3' = 30% tourmaline						
304.5	342	dark grey, weakly silicified slate						
		- section cut by numerous quartz veins						
		quartz veins at: 305.2 @ 0° - po,py - 1"						
		306.5 1" @ - 50°						
		307.4 1" @ - 70°						
		307.5 1" @ - 70°						
		308.4 4" @ - 40° - up. cont., 70° low cont.						
		minor po						
		310.4 1/4" @ 70°						
		311.5 2" @ 45° - 20% py						
		312.7 1" @ 45° - 5% po,py						
		313-314 - up - 40°, low - 90°						
		5% tourmaline, minor py,po						
		315.7-316.8 - stringer zone						
		6 veins up to 1/2" wide						
		20% py+po throughout section						
		minor scheelite						
		318.5 - 11" bull vein @ 70°TCA						
		minor sulphides						

PROPERTY Westfield

HOLE No. WF-84-2

DIAMOND DRILL LOG

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①	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES		
304.5	342	quartz veins (cont'd):					
		319.6 - 1 1" vein - narrow					
		tourmaline on margin and in					
		central portion of vein,					
		contacts at 70°					
		322.2-323.4 - 5% po					
		20% epidate, minor ≤ 5% fluorite,					
		minor scheelite					
		contacts irregular @ 60°					
342	500	black laminated slate similar to 10-186.8'					
		- shows area of bleaching and silicification extending to					
		about 357' - contact with "unaltered" sediments gradual					
		- 349' = 1/2" q.v. @ 60° - tourmaline, fluorite, 1-2% po					
		- 347' = 1/8"-1/4" qtz-fldsp-fluorite vein with scheelite					
		- numerous cross cutting fractures with po:po					
		- 356.5' = bedding undulating @ 90°TCA					
		- 371.0' = bedding @ 55°TCA					
		- 366.5-369' = highly altered-light green sericitic zone					
		- 6 q.v.'s ≤ 1/2" throughout zone, 1% po in section					
		- 359.6' = intersected H-1					
		- 385' = bedding 85°TCA					
		- 381.5-383' = section weakly sheared parallel to					
		bedding @ 70°					
		occasional small lenses qtz with pyrite - minor					
		- 391.5' = bedding shows cross fold @ 40°TCA					
		- 293-394.1' = section fractured (sheared) @ 70°					
		shears @ 392 & 394.1, infilled with 1"-1 1/2" qtz, parallel					
		to shear - py,po ≈ 1%					

PROPERTY Westfield

HOLE No. WF-84-2

DIAMOND DRILL LOG

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	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES			
		- 387.2' = band 1" with 2% scheelite in sheared, silicified side @ 60°, assoc. with py, po						
		- 394.1-500' = section shows cross folding - generally @ 0°TCA						
		- 402.9' = 3/4" q.v. @ 60°TCA - minor py						
		- 406.2' = 1/4" q.v. @ 80°TCA						
		- bedding 403-431 @ 85 to 90°TCA						
		- 414.2' = shear zone - 6" wide - section bleached, weakly silicified - infilled with irregular quartz - few specks scheelite along fracture						
		- 422' = bedding - 65°TCA						
		- 419.7' = qtz-fluorite-fldsp vein @ 50° parallel to bedding						
		- 430' = 2 qtz veins along bedding @ 20° - 1/8" vein with minor py, po						
		- 429.3 = breccia - 4" infilled with qtz-fldsp-fl veins with minor py, po						
		- 426.3' = 2 1/8" quartz veins parallel to bedding @ 90° with minor py, po, sch.						
		- throughout section 420-500 minor hairline fractures of quartz at right angles to bedding (parallel to axis of cross folds)						
		- 432.3' = 1/8" q.v. - cross cutting bedding - 60° beds 80° q.v.						
		- 436.3-437.4' = fracture zone - infilled with qtz-py-po weakly mineralized overall						
		- 444' = shear zone @ 60°						
		- 444-445.8' = bleached, silicified zone - 1" & 3/4" q.v.'s, 10° py @ 75°						

PROPERTY Westfield

HOLE No. WF-84-2

DIAMOND DRILL LOG

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Hole No. WF-84-3

DIAMOND DRILL LOG

Seabright Resources Inc.

Company

6100 Young Street, Halifax, N. S.

Address

DIAMOND DRILLING BY (Co. Name) Logan Drilling Ltd.

Tract

XXXXXX

CLAIM NO. (Prospector's Licence No.) 36 Claim Nos. C to/and

TOWNSHIP PROVINCE

LOCATION Westfield

DIP-COLLAR -50° STRIKE 340°T

ft. LENGTH 300'

ft. ELEVATION

ft. LATITUDE L 16+00 W

ft. DEPARTURE 4+50S

Date Started Date Finished

LOGGED BY: D. L. Black

II



C _m	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES			
0	12	overburden						
12	300	medium grey slatey gwke						
		- bedding 19' - 50°TCA						
		- 20' = q.v. broken 1/2" - py 2%						
		- 21.7' = 1/2" qtz-fldsp-po vein @ 27°TCA						
		vein reappears to 24'						
		- 26.8' = 4" bleached-sheared @ 60°						
		section to 30' fractured, infilled with qtz hairlines						
		- 29' = 1/4" q.v. - 5% aspy+minor po parallel to bedding @ 72°TCA						
		(to 48' - greywacke - cross bedded - tops up)						
		section fractured @ high angles 60-90°						
		fractures chloritic - weak slickensides parallel to bedding						
		- 41.8' = 1/8" q.v., 1/16" parallel to bedding @ 70°						
		- 44.2' = 1 1/2" q.v. lense - 1/2" margin tourmaline, py on fractures						
		q.v. @ 30°TCA						
		occasional qtz stringers, generally parallel to bedding						
		- 47.3' = bedding 60°TCA						
		- to 65' gwke with slate partings						
		- 56.3 - 1/4" py=chl - @ 60°						
		- 61.3 - 1/8" stringer parallel to bedding @ 60°						
		- 64' - bedding 62°TCA						
		- 64-84' = gwke-slate as above - skarn (garnet) sections developed along some fractures (1"-2")						
		- 73' = 1" skarn band - 10% po, 1% aspy - 5% scheelite						

PROPERTY Westfield

HOLE No. WF-84-3

DIAMOND DRILL LOG

PAGE No. 1

From	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES	
		- 78' = 2" skarn band - 10% aspy - 1% scheelite				
		both zones @ 60° parallel to bedding				
		- 83' = 2" - 40% po - silicified zone - garnet?				
		- to 103' = gwke slate - somewhat bleached, silicified				
		bedding contact - 60°W				
		occasional q.v.'s throughout @ all angles - angulars ≤ 1				
		- 109.5-111' = qtz - grey, greasy - 2% py-po-cpy				
		50% qtz - 50% altered sediments				
		veining @ 40°?				
		bedding 112' - 66°TCA				
		(- 113.7-116.4' = stringer zone - 30% qtz @ 65°TCA				
		(individual veins to 2"				
		(- 116.4-119.4' = continuation of stringer zone - 5% qtz				
all similar		(2-3% po,py, blue fluorite - 1%				
to 109.5-111		(- 119.4-121.6' = stringer zone - 40% qtz - po,py				
		(- 121.6-127' = stringer zone - 20% qtz - veins about				
		(60° variable				
		(- 127-129' = stringer zone - 60% qtz - py common - 5%				
		(veins up to 8"				
		(- 136.4-138.8 - 80% qtz - 10% py + 3% po+sph.				
		- 138.8-143.6 - stringer zone - 10% qtz				
		- 143.6-147.8' = 10% qtz in altered sediments - aspy scattered				
		on bedding planes				
		veins @ 50° but angle variable				
		- 147.8-151' = 30% qtz - veins to 4" - 2% po+py				
		veins @ variable angles - 20°-60°TCA				
		- 151-156' = stringer zone - 60% qtz - veins up to 14"				

PROPERTY Westfield

minor py,po,cpy

HOLE No. WF-84-3

DIAMOND DRILL LOG

PAGE No. 2

From	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES
		(sediments to 159') bleached, weakly silicified greywacke becomes increasingly argillaceous with depth - gradual change			
		bedding 163 - 75°			
		168 - 80°			
		185 - 75°			
		210 - bedding becomes contorted - 80°			
		predominantly slate 203-214.3			
		core blocky - highly fractured 216-255			
		recovery 60%			
		- 198.4' = 1/2" q.v. chloritic - minor py @ 40°TCA			
		- 202.8' = 1/4" fldsp=qtz vein @ 80°			
		- 226' = bedding			
		slate 217-235 - bedding variable - 40°-70°			
		225' - 40° bedding			
		234' - 80° bedding			
		237' - 1/2" q.v. - chl-py @ 30°TCA			
		- 241' = 1/2" q.v. @ 20° - section sheared ≈ 240' @ 5°			
		216-225 - 20% recovery			
		225-235 - 60% recovery			
		235-245 - 80% recovery			
		245-255 - 50% recovery			
		- 235-255' - greywacke-slate			
		- 255-270' - 60% greywacke - 40% slate			
		- 265' - 80° bedding			
		- 260' - 65°TCA			

PROPERTY Westfield

OLE No. WF-84-3

DIAMOND DRILL LOG

WF-84-4

Hole No.

DIAMOND DRILL LOG

Seabright Resources Inc.

Company

6100 Young Street, Halifax, N. S.

Address

DIAMOND DRILLING BY (Co. Name) Logan Drilling Ltd.

Tract

CLAIM NO. (Prospector's Licence No.) 36 Claim Nos. D to/and

TOWNSHIP PROVINCE

LOCATION Westfield

DIP-COLLAR -60° STRIKE 325°T

ft. LENGTH 350'

ft. ELEVATION

ft. LATITUDE L 21+50 W

ft. DEPARTURE 7+50S

Date

Started

Date

Finished

LOGGED BY: D. L. Black

II

AVERAGES

From	To	Core Length	Sample # Core Width	Vertical Depth	ppb Au	ppm Ag	ppm W	ppm Sn	ppm Bi
43.0	48.8	5.8'	1826		90	0.4	33	40	36
108.0	109.0	1.0'	1827		60	0.5	-	-	-
115.0	118.7	3.7	1828		130	1.0	1100	102	-
139.6	142.5	2.9'	1829		60	0.3	-	-	-
142.5	146.0	3.5	1830		60	0.1	-	-	-
146.0	149.6	3.6'	1831		50	0.1	-	-	-
153.0	155.0	2.0'	1832		60	0.6	80	124	-
159.3	161.5	2.2'	1833		40	0.4	-	-	-
181.2	183.5	2.3'	1834		50	0.1	-	-	-
202.8	206.3	3.5'	1835		40	≤0.1	4	15	32
206.3	210.0	3.7'	1836		60	≤0.1	≤1	4	27
210.0	213.7	3.7'	1837		60	0.1	-	-	-
213.7	216.0	2.3'	1838		60	≤0.1	-	-	-
216.0	220.5	4.5'	1839		50	≤0.1	-	-	-
220.5	223.2	2.7'	1840		50	0.3	49	118	25
223.2	227.2	4.0'	1841		40	≤0.1	21	37	27
227.2	230.0	2.8'	1842		60	0.4	-	-	-
230.0	235.0	5.0'	1843		40	0.5	-	-	-
235.0	239.7	4.7'	1844		50	0.4	-	-	-
239.7	244.4	4.7'	1845		20	0.4	320	50	11
244.4	247.3	2.9'	1846		70	0.7	-	-	-
247.3	252.0	4.7'	1847		50	0.8	240	66	4
252.0	254.8	2.8'	1848		70	0.1	-	-	-
256.2	256.5	.33'	1849		1800	3.0	7	45	140
283.	283.35	.25'	1850		190	-	246	44	-
308.7	310.3	1.6'	1851		100	0.5	≤1	79	60

II

II



①

From	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES
0	13.5	overburden			
13.5	43	black slate - interbedded with greywacke bedding - 23° - 18.5' - 15° - 22' - 25° - 27' - 22° - 32' - 30° - 38' section shows weak shearing @ 50° - 29-33' = section fractured @ 80-90° - infilled with tourmaline-fluorite (minor, green) - quartz veins - 32.6' = 1/4" qtz-fluor-tour. vein @ 35° - cross cuts bedding			
43	48.8	light grey micaceous (greissenized) slate and greywacke section weakly brecciated - infilled with qtz-sericite- fluorite-tourmaline veinlets - 10% vein material throughout - fracturing between 45° and 70° minor po throughout			
48.8	54.2	black slate interbedded with greywacke - bedding 50' - 30° - cross folding (drag fold) @ 35° // to bedding			
54.2	65.5	light grey slate - bedding 30°TCA - 60.5-61.2' = black argillite			
65.5	96.2	black slate - 66' - bedding 12°TCA - 71' - bedding 0°TCA - 69-71' - band of metaliferous greywacke @ 5°TCA - 10% po + minor py, aspy, few specks greywacke - reappears sporadically down to 74'			

PROPERTY Westfield

WELL No. WF-84-4

DIAMOND DRILL LOG

PAGE No. 1

From	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES
65.5	96.2	(cont'd) - 75-77' - silicified greywacke cut by 1/4" qtz-tourmaline vein - bedding 20°TCA - to 94' - primarily black argillite - bedding 0-10° with narrow sections grey argillite and greywacke lenses qtz occur intermittently throughout section - 73.6' - 1/4" g.v. @ 10°TCA - py			
96.2	101.7	light grey slate bedding 30°TCA - 99' - tension gashes over 4" - infilled with quartz-fluorite.			
101.7	108	black slate with 10% greywacke bedding 20°			
108	115	light grey slate - 108-108.7' - 6" qtz + 2" slate - 5% py with po, chl.			
115	118.7	medium grey-green greywacke fractured @ high angles 60°-90°TCA tension gashes infilled with quartz, feldspar, chlorite-scheelite			
118.7	165.4	light to medium grey argillite - 124' - bedding 30°TCA - 132.5' - bedding 45°TCA section darkens from 133-136.7' 139.2' - bedding 38° - 139.6-149.6 - stringer zone - 139.6-142.5 = 7% qtz - veining generally 10°-30° with po, chl. - 142.5-146 = 30% qtz - 5% py+po - @ 20° & 45°			

From	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES
		- bedding 142' - 40°TCA			
		150' - 18°TCA			
		- largest vein in section 143 - 3"			
		- 153-155 = section brown - grey slate - cut by			
		q.v.'s - 153.5' - 1/4" py @ 50° -			
		discontinuous			
		- 154 - 2" @ 70° - py, p			
		- 154.3 - lense 1/2"			
		- 155' = 2 1/4" py qtz - chl+py, po (2%) - @ 70°			
		- 157.2' = 1/4" py, chlorite @ 35°			
		- 159.3-161.5' = grey-brown altered section			
		stringer zone - 30% qtz with 2% po, py			
		fracturing to 60-70°TCA			
164.5	202.8	black slate with interbedded greywacke			
		bedding - 168' - 60°			
		- 169.3' - 75°			
		- 169.3-170' = 2-3" greywacke beds - 10% po, py, cpy			
		- 170-175' - 60% recovery - tube not locked			
		- 177.5' - bedding - 65°TCA			
		- 4" po-py bearing greywacke similar to 169.3-170'			
		- 181.2-183.5' = stringer zone, q.v.'s 1/4" to 3/4",			
		po, py, chl - 40% qtz - infilled			
		@ 70° @ 181.2, 20° @ 183.5			
		- 188.2 - 4" sulphide greywacke band @ 60°			
		cross cutting fractures with qtz-sph (minor)			
		- 190' - 1/2" q.v. along bedding @ 65°			
		- 192' - bedding 50°			
		unit becomes lighter grey from 190-203'			

PROPERTY Westfield

HOLE No. WF-84-4

DIAMOND DRILL LOG

From	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES
164.5	202.8	(cont'd)			
		- 202' bedding 60°			
		- 193.3 - 4" q.v. - irregular - appears to be at 40°-50°			
		- 5% py, minor po			
202.8	252	Jumbo vein			
		- upper contact 72°, lower contact 83°			
		- 202.8-206.3' - 10% po+py, minor aspy, cpy - clots chlorite developed along fractures			
		- 206.3-210' - barren quartz - odd stringer po, minor fluorite			
		- 210-213.7' - barren quartz - odd stringer po			
		- 213.7-216' - 60% qtz with xenoliths greissenized sediment - margins on sediments mineralized with po,py - minor aspy, cpy - 2% total sulphide in section			
		- fractures with chl+po or py			
		- 216-220.5' - 95% qtz with odd xenolith greissenized sediment - minor green fluorite throughout, 2-3% po + 1% py along fractures and xenolith margins			
		- chlorite common on fractures in qtz			
		- 220.5-223.2' - 20% qtz - greissenized sediments - bedding? 30°, 2% po + minor py, aspy, chl.			
		- 223.2-227.2' - 95% qtz with xenoliths greissenized			
		- 2% py+po, minor cpy			
		- sulphides concentrated along xenoliths			
		- 227.2-230' - generally bull qtz - odd xenolith greissenized sediments - minor po			

PROPERTY Westfield

HOLE No. WF-84-4

DIAMOND DRILL LOG

From	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES
202.8	252	(cont'd) - 230-235' - same as 227.2-230' - 235-239.7' - 70% qtz - 30% greissenized sediments - 3% po, 1% py + minor cpy, sph, few specks scheelite - sulphide conc on high angle fracture - fluorite, chlorite - 239.7-244.4' - similar to 235-239.7' - 10% greissenized sediments - 244.4-247.3' - generally bull qtz - 10% greissenized sediments - tourmaline common around xenoliths - 247.3-252' - 70% qtz - 30% sediments greissenized - 247.3-248.6' = greissenized sediments with quartz veining - po+py - 10%, few large (1/4") blob scheelite			
252	298.6	medium grey micaceous slate - bedding 257' - 60°TCA - 252-254.8' - 20% qtz in veins @ 60° and stringers @ 0° - 256.2' - 1/2" irregular q.v. @ 65° - 50% po - 262.1 - 1 1/2" q.v. @ 45° - py, chl (minor) - 264.4' - 3" q.v. @ 45° - minor po, py - slate becomes darker with depth bedding: 271.5 - 68° - 10% py with minor po, fracture controlled 279 - 1/4" q.v. @ 33° - 10% py with blue fluorite, sericite 283.1 - 2" bed - metalliferous 10% sph, 2% aspy @ 65°			

PROPERTY Westfield

OLE No. WF-84-4

DIAMOND DRILL LOG

From	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES		
252	298.6	(cont'd)					
		- 280.4 - 1/2" qtz-chl-sericite - minor po @ 55°					
		- bedding 291 - 58°					
		297 - 60°					
		- 287.9' - 1/4" q.v. - qtz-fluor-sericite vein @ 55°					
		- 288.2' - 1/8" q.v. irregular @ 45°					
		- 289.2' - 1" q.v. - qtz-chl-fl-fldsp - 2% po @ 45°					
		- 290.5 - 1/8" q.v. along bedding @ 58°					
298.6	307.9	black slate					
		- bedding 305' - 55°					
		- irregular fracture fillings qtz-fluorite @ 306-307'					
		- 307.9' contact - 55°					
307.9	320	light to medium py slate					
		- bedding - 310 - 60°					
		- 308.7 - 12" q.v. - py, po - concentrated on margins					
		- 2% total sulphides					
		- lower contact - 35°					
		- upper contact - 85°					
		- lower margin altered to 310.1' - tourmaline					
		- 315.2-315.9' - 4" q.v. @ 45° upper contact					
		35° lower contact					
		- qtz-fluorite-sericite - 5% po+py					
		- 317.7' - 1/8" bull angular @ 55°					
320	335	black slate interbedded with slatey greywacke and grey slate					
		- bedding in section 70° to 72°TCA					
		- 327-330' - bleached zone					
		- 328' - 7 1/2" q.v. @ 70° & 80° - tourmaline on margins -					
		- minor py, 1/4" crystalized scheelite					

PROPERTY Westfield

HOLE No. WF-84-4

DIAMOND DRILL LOG

PAGE No. 6

PAGE No. 7

WF-84-5

Hole No.

DIAMOND DRILL LOG

Seabright Resources Inc.

Company

6100 Young Street, Halifax, N. S.

Address

DIAMOND DRILLING BY (Co. Name) Logan Drilling Ltd.

Tract

~~XXXXX~~ CLAIM NO. (Prospector's Licence No.) 36 Claim Nos. C to and

TOWNSHIP PROVINCE

LOCATION Westfield

DIP-COLLAR -70° STRIKE 0°T

ft. LENGTH 575.3'

ft. ELEVATION

ft. LATITUDE L 14+00 W

ft. DEPARTURE 5+50S

Date Started Date Finished

LOGGED BY: D. L. Black

①

To	DESCRIPTION	Sample No.	Length Feet	ANALYSES			
0	16	overburden					
16	312	black slate generally running down core					
		- a few interbeds of greywacke					
		- bedding 0°TCA					
		- graphitic along bedding planes					
		- core recovery 50% 30°-38°					
		- 58' - skarn-garnet band @ 10°TCA					
		- 60-61' - stringer zone q-fl - 10% q					
		- bedding 5° at 71' *					
		- 80.8' - 1/8" q.v. - corrugated - flds, minor py					
		- bedding - 0°					
		- q.v. @ 20°					
		- 94' - contact with grey sandy slate @ 5°					
		- sandy slate cut by right angle fractures					
		with py - lower contact @ 95.7'					
		- 107' - bedding 20°					
		- 111.9' - 7" green-grey silicified zone - bedding 30°					
		- 119' - same as 111.9' - 1' wide - few quartz stringers					
		- 123-125' - same as 119'					
		- 130' - bedding 30°					
		- 145' - bedding 20°					
		- 155-158' - silicified grey (bleached) slate @ 20°					
		- 176' - bedding 5°					
		- 184.5-187' - rock strongly fractured - infilled with					
		quartz-fl-py ≤ 5% veining @ 30°					
		- lower part of interval silicified					
		186.5-187.2 = silicified as above					

PROPERTY Westfield

OLE No. WF-84-5

DIAMOND DRILL LOG

PAGE No. 1

Core No.	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES		
16	312	(cont'd)					
		- 199.3-201.3' - silicified @ 20° as above					
		- from 190-222' - weakly silicified, bleached					
		- bedding 215' - 10°TCA					
		232' - 15°TCA					
		241' - 28°TCA					
		- 251' - q.v. - 1/2" irregular - broken					
		- 261-262.9' - silicified - 10% quartz with fldsp-fl-po					
		- bedding 10° - q.v.'s @ 90°					
		bedding: 273' - 20°					
		277' - 60°					
		287' - 45°					
		283' - 45°					
		- 292' - 6" quartz stringer zone - veins quartz-fldsp-fl,					
		- minor py - all angles					
		bedding: 296' - 0°					
		300' - 45°					
		309' - 35°					
		315' - 25°					
		- 306.5-308.8' - stringer zone, 30% quartz, minor po, py, fl					
		- generally @ 20°-30°					
		- 211-314' = q.v. @ 0° on edge of core					
312	320	grey slate with thinly interbedded greywacke					
		- 315' - bedding 25°					
		- 314' - q.v.'s @ 20° in 8" silicified zone -					
		40% quartz - q-flds-fl-po					
		- 319.5' - 1/2" q.v. @ 20° - chl, minor py					
320	432.3	black slate with interbedded greywacke					
		- 325' - bedding 23°TCA					

PROPERTY Westfield

HOLE No. WF-84-5

DIAMOND DRILL LOG

PAGE No. 2

In	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES		
320	432.3	(cont'd)					
		- 330' - 1" quartz blow - q-ankerite, minor py in bx slate					
		- 337.6' - 2½" greywacke - cut by 7 stringers at 70° to					
		core - bedding 20° - q-ankerite-py					
		- core fractured @ 0°TCA - 340-348 = graphite + pyrite					
		on fractures					
		- from 340' down, % of greywacke decreases from 80/20 to 95/5					
		- bedding: 365' - 20°					
		377' - 30°					
		384' - 10°					
		- quartz occurs rarely as small blows @ 352.4' and 374'					
		and as stringers @ 35° - cross cutting					
		bedding at 386' and 386.8' - 1/8" - q-flds-py					
		- 390.4-393.5' - light grey silicified zone - bleached					
		cross cut by few quartz stringers					
		- 400.4-401.3' - quartz - 1" blow with stringers in					
		narrow silicified zone					
		bedding: 399' - 30°					
		404' - 45°					
		408' - 2°					
		section becomes increasingly silicified and bleached					
		with depth - colour goes from black to medium-dark grey					
		- 425.6-427.3' - 3/4" quartz-sch-py - with minor fl & fldsp 10%					
		426' = 1/4" quartz as above					
		427.1' = 1" @ 30° sch-fl-fldsp-chl and 1/4" fl					
432.3	483	Jumbo zone					
		- 432.3-436.1 - stringer zone in silicified bleached					
		greywacke & slate - 20% q - py, po					
		- 436.1-439.9 - quartz - 70% py+po, 436.2-436.5 = rest bull -					

PROPERTY Westfield

contact @ 70°

HOLE No. WF-84-5

DIAMOND DRILL LOG

PAGE No. 3

D _m	To	DESCRIPTION	Sample No.	Length Feet	ANALYSES			
432.3	483	(cont'd)						
		- 439.9-441' - slate - dark grey						
		- 441-442' - quartz - minor po - ≤ 1%						
		- 442-444.9' - slate with 10% stringers						
		- 444.9-449.9' - quartz - 98% quartz - 5% slate - minor fl, po						
		- 449.9-453.7' - quartz - 50% quartz - fl-chl-sericite-po-gwke						
		- 453.7-467.2' - quartz - 60% - gwke-po, py, chl + aspy						
		total sulphide ≤ 1%						
		- 467.2-483' - 40% quartz in greissenized greywacke -						
		po, chl, py, fl ≈ 1% sulphide						
		low contact ground						
483	501.5	greissenized slate - medium grey						
		- relict bedding 30°TCA						
		occasional quartz stringers throughout section - rare						
		specks scheelite						
		494.5-496' = 30% quartz in fracture zone similar to base						
		of Jumbo zone						
501.5	518.6	stringer zone in greissenized greywacke						
		- upper contact ground						
		- 501.5-510' - 60% quartz with chl, po, py, fl, sericite						
		chlorite most common others rare						
		- 510-518.6' - 20% quartz - stringers generally @ 30°-50°TCA						
		very minor po throughout						
		concentrated mainly along margins						
		of sediments						

PROPERTY Westfield

HOLE No. WF-84-5

DIAMOND DRILL LOG

PAGE No. 4



Report of Work Performed

I, the undersigned, holder of/agent for, Exploration License No. 10401 issued on the 26th day of October 19 84, hereby report work as follows:

I have, under said License, and in conformity with the provisions of The Mineral Resources Act, performed or caused to be performed on the licensed area 213 days' work (eight-hour days) not reported before, totalling \$ 4,262.14 as per the attached list of expenditures. (Rate is one day's work for each \$20.00 spent.)

Expenditures relating to office overhead, transportation, lodging, freight, express, construction of roads, erection of buildings, etc., will be accepted up to a maximum of ten percent (10%) of the **required** work.

The said work consisted of VLF-EM Magnetometer Survey, Geological Mapping
and Prospecting

Attached is a geological report with applicable maps, sample results, drill logs, etc., which is submitted as evidence and initialled by me.

My Post Office address is 6100 Young Street, Suite 301, Halifax, N.S. B3K 2A4

Tel. No. 453-0127

Dated this 7th day of November 19 85

[Signature]
Signature of Licensee/Agent

I hereby make oath and say that the above statement is true and correct.

[Signature]
Signature of Licensee/Agent

Sworn to
at Halifax

in the County of Halifax

Province Nova Scotia

this 7th day of November A.D. 19 85

Before me

a DARA L. GORDON in and
for A BARRISTER OF THE SUPREME COURT OF NOVA SCOTIA

NOV 7 14 32 '85
MINES
AND ENERGY

85 074

EXPENDITURES FOR EXPLORATION
WESTFIELD, N.S. 10401
Northeast Exploration
Senior Geologist
M.E.X. Exploration
Overhead, Administ

The NAMES and ADDRESSES of the men who performed the said work and the DATES upon which each man worked in its performance are as follows:

NAME	ADDRESS	MONTH	DATES
Don Black,	M.E.X. Explorations,	P.O. Box 1592,	Truro, N.S.
Northeast Explorations,	875 St. Peter Ave.,	Bathurst, N.B.,	E2A 2Z1
Jim Kermeen,	Seabright Resources Inc.,	6100 Young St.,	Suite 301, Halifax

EXPENDITURES FOR EXPLORATION LICENSE

10401

WESTFIELD, NOVA SCOTIA

Northeast Exploration	\$ 421.82
M.E.X. Exploration Geologist and Seabright Senior Geologist	3,520.32
Overhead, Administration	<u>320.00</u>
TOTAL	4,262.14

RECEIVED
Nov 7 14 32 '85
FILES
AND ENERGY



Report of Work Performed

I, the undersigned, holder of/agent for, Exploration License No. 10442 issued on the 14 day of
November 1984, hereby report work as follows:

I have, under said License, and in conformity with the provisions of The Mineral Resources Act, performed
or caused to be performed on the licensed area 318 days' work (eight-hour days)
not reported before, totalling \$ 6,868.83 as per the attached list of expenditures. (Rate is one day's
work for each \$20.00 spent.)

Expenditures relating to office overhead, transportation, lodging, freight, express, construction of roads,
erection of buildings, etc., will be accepted up to a maximum of ten percent (10%) of the required work.

The said work consisted of Till sampling, VLF-EM & Magnetometer survey,
geological mapping and prospecting, geochemical analysis of till

Attached is a geological report with applicable maps, sample results, drill logs, etc., which is submitted as
evidence and initialled by me.

My Post Office address is 6100 Young Street, Suite 301, Halifax, Nova
Scotia, B3K 2A4 Tel. No. 453-0127

Dated this 7th day of November 1985

[Signature]
Signature of Licensee/Agent

I hereby make oath and say that the above statement is true and correct.

[Signature]
Signature of Licensee/Agent

RECEIVED
Nov 7 14 32 '85
MINES
AND ENERGY

Sworn to
at Halifax
in the County of Halifax
Province Nova Scotia
this 7th day of November A.D. 1985
Before me [Signature]
a DARA L. GORDON in and
A BARRISTER OF THE SUPREME
for COURT OF NOVA SCOTIA

85 074

The NAMES and ADDRESSES of the men who performed the said work and the DATES upon which each man worked in its performance are as follows:

NAME	ADDRESS	MONTH	DATES
Don Black	M.E.X. Exploration, P.O. Box 1592, Truro, N.S.		
Jim Kermeen	Seabright Resources Inc., 6100 Young Street		
Atlantic Analytical	275 City Road, Saint John, New Brunswick		
Northeast Exploration	875 St. Peter Ave., Bathurst, N.B. E2A 2Z1		

EXPENDITURES FOR EXPL
10442
WESTFIELD, NOVA S
Tills - Geochemical Analysis
Northeast Exploration
M.E.X. Exploration
Senior Geologist
Overhead
TOTAL

85 074

EXPENDITURES FOR EXPLORATION LICENSE

10442

WESTFIELD, NOVA SCOTIA

Tills - Geochemical Analysis	\$1,173.25
Northeast Exploration	421.82
M.E.X. Exploration Geologists and Seabright Senior Geologist	4,693.76
Overhead	<u>80.00</u>

TOTAL	\$6,368.83
-------	------------

RECEIVED
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MINES
AND ENERGY



Report of Work Performed

I, the undersigned, holder of/agent for, Exploration License No. 10443 issued on the 14th day of November 19 84, hereby report work as follows:

I have, under said License, and in conformity with the provisions of The Mineral Resources Act, performed or caused to be performed on the licensed area 631 days' work (eight-hour days) not reported before, totalling \$ 12,617.81 as per the attached list of expenditures. (Rate is one day's work for each \$20.00 spent.)

Expenditures relating to office overhead, transportation, lodging, freight, express, construction of roads, erection of buildings, etc., will be accepted up to a maximum of ten percent (10%) of the required work.

The said work consisted of Diamond Drilling, VLF-EM & Magnetometer Survey,
I.P., Max-Min Survey, Geological Mapping, Prospecting, Geochemical
Analysis of Core.

Attached is a geological report with applicable maps, sample results, drill logs, etc., which is submitted as evidence and initialled by me.

My Post Office address is 6100 Young Street, Suite 301, Halifax, Nova Scotia

B3K 2A4

Tel. No. 453-0127

Dated this 7th day of November 19 85

[Signature]
Signature of Licensee/Agent

I hereby make oath and say that the above statement is true and correct.

[Signature]
Signature of Licensee/Agent

Sworn to

at Halifaxin the County of HalifaxProvince Nova Scotiathis 7th day of November A.D. 19 85

Before me

a _____ in and

for DANA L. GORDONA BARRISTER OF THE SUPREME
COURT OF NOVA SCOTIA

RECEIVED
Nov 7 14 32 '85
MINES
AND ENERGY

85 074

The NAMES and ADDRESSES of the men who performed the said work and the DATES upon which each man worked in its performance are as follows:

NAME	ADDRESS	MONTH	DATES
Logan Drilling,	P.O. Box 188, Stewiacke, N.S.	BON	2J0
Atlantic Analytical,	275 City Road, Saint John, N.B.	E2L	3N3
Don Black, M.E.X. Explorations,	P.O. Box 1592, Truro, Nova Scotia		
Northeast Exploration,	875 St. Peter Ave., Bathurst, N.B.,	E2A	2Z1
Oceanchem,	1000 Windmill Rd., Dartmouth, N.S.		
Eastern Geophysics,	P.O. Box 8174, Station "A", Halifax, N.S.	B3K	5L9
Jim Kermeen, Seabright Resources Inc.	6100 Young St., Halifax, N.S.	B3K	2A4

SEABRIGHT RESOURCES

WEST

Diamond Drilling
Core Analysis
Check Assays
Northeast Exploration
Eastern Geophysics
M.E.X. Explorations
Seabright Admin
Overhead, Admin

85 074

EXPENDITURES FOR EXPLORATION LICENSE

10443

WESTFIELD, NOVA SCOTIA

Diamond Drilling	\$ 6,875.83
Core Analysis	544.65
Check Assays Ocean Chem	35.00
Northeast Exploration	421.82
Eastern Geophysics - I.P., Max-Min	675.00
M.E.X. Exploration Geologist and Senior Seabright Geologist	4,693.76
Overhead, Administration	<u>40.00</u>
TOTAL	\$12,617.81

RECEIVED
Nov 7 14 32 '85
MINES
AND ENERGY



85 074

Report of Work Performed

I, the undersigned, holder of/agent for, Exploration License No. 10409 issued on the 29th day of October 19 84, hereby report work as follows:

I have, under said License, and in conformity with the provisions of The Mineral Resources Act, performed or caused to be performed on the licensed area 2,551 days' work (eight-hour days) not reported before, totalling \$ 51,021.16 as per the attached list of expenditures. (Rate is one day's work for each \$20.00 spent.)

Expenditures relating to office overhead, transportation, lodging, freight, express, construction of roads, erection of buildings, etc., will be accepted up to a maximum of ten percent (10%) of the **required** work.

The said work consisted of Diamond Drilling, Till Sampling, VLF-EM
Magnetometer survey, I.P., Max-Min Survey, Geological Mapping,
Prospecting, Assaying of Core & Till Samples

Attached is a geological report with applicable maps, sample results, drill logs, etc., which is submitted as evidence and initialled by me.

My Post Office address is 6100 Young Street, Suite 301, Halifax, Nova Scotia

B3K 2A4

Tel. No. 453-0127

Dated this 7th day of November 19 85

J. Keenan
Signature of Licensee/Agent

I hereby make oath and say that the above statement is true and correct.

J. Keenan
Signature of Licensee/Agent

NOV 7 14 32 '85
MINES
& ENERGY

Sworn to
at Halifax

in the County of Halifax

Province Nova Scotia

this 7th day of November A.D. 19 85

Before me

a DARA L. GORDON in and
for A BARRISTER OF THE SUPREME COURT OF NOVA SCOTIA

Diamond Drilling (4 holes)
Core Assays
Trills-Geochemical Analysis
Check Assays Ocean Chem
M.E.X. Exploration Geologist
Senior Geologist
Northeast Exploration
Eastern Geophysics

85 074

EXPENDITURES FOR EXPLORATION LICENSE

10409

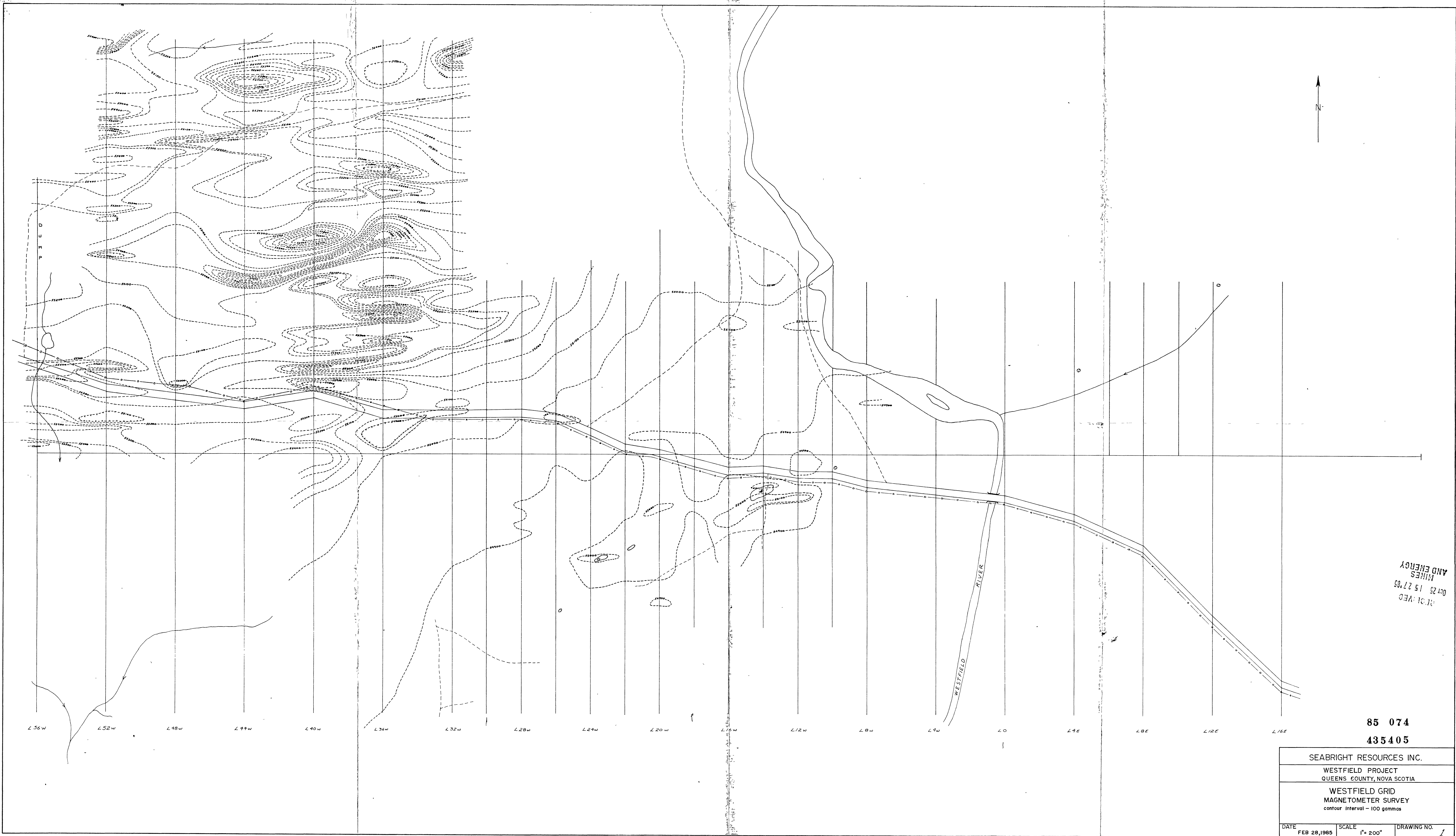
WESTFIELD, NOVA SCOTIA

Diamond Drilling (4 holes)	\$41,710.94
Core Assays	1,895.85
Tills-Geochemical Analysis	938.60
Check Assays Ocean Chem	140.00
M.E.X. Exploration Geologists & Seabright Senior Geologist	5,867.20
Northeast Exploration	421.82
Eastern Geophysics	675.00
Overhead, Administration	<u>40.00</u>

TOTAL

\$51,021.16

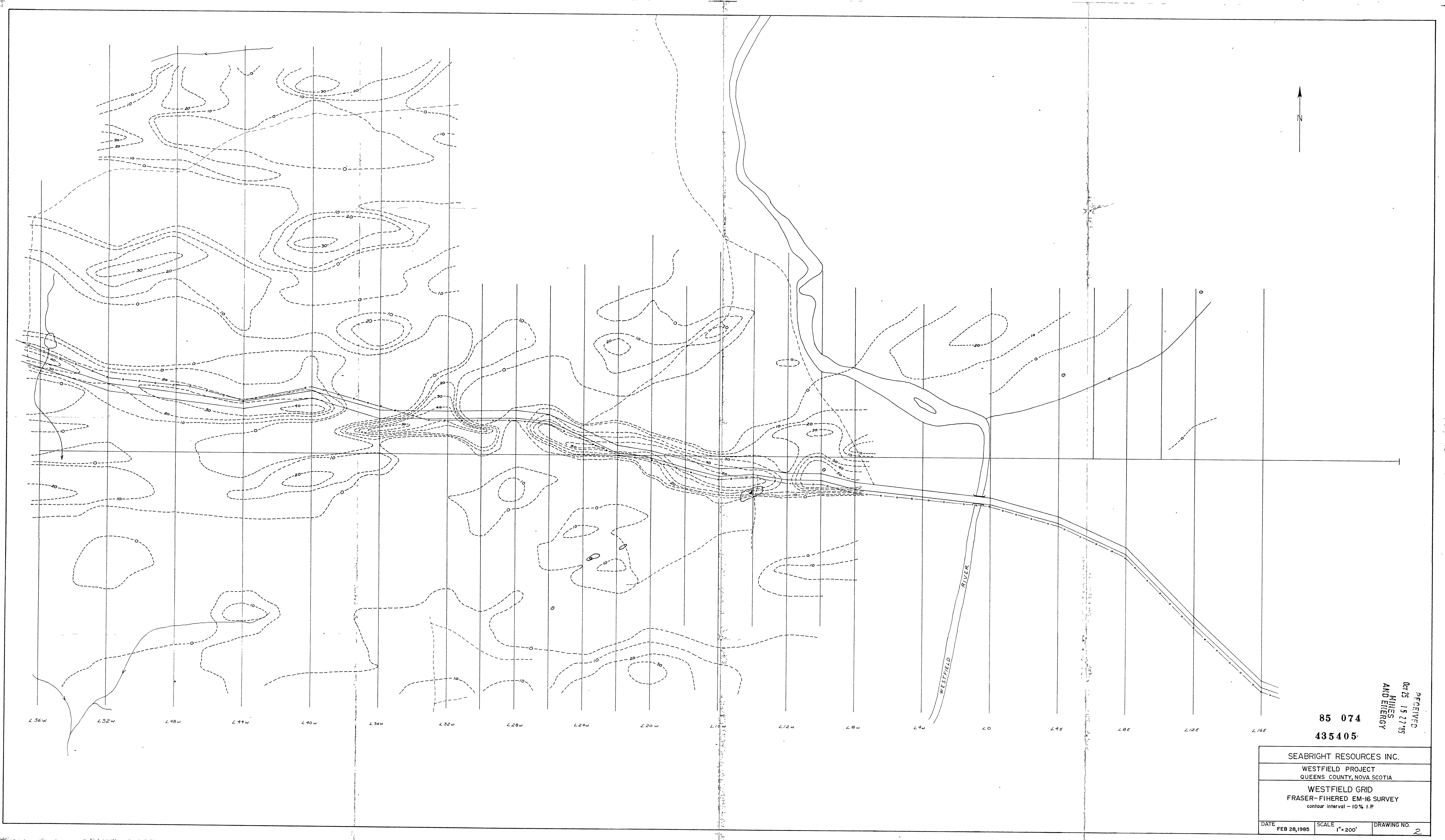
RECEIVED
Nov 7 14 32 '85
MINES
AND ENERGY



NOTED
Oct 25 15 27 '05
MINES
AND ENERGY

85 074
435405

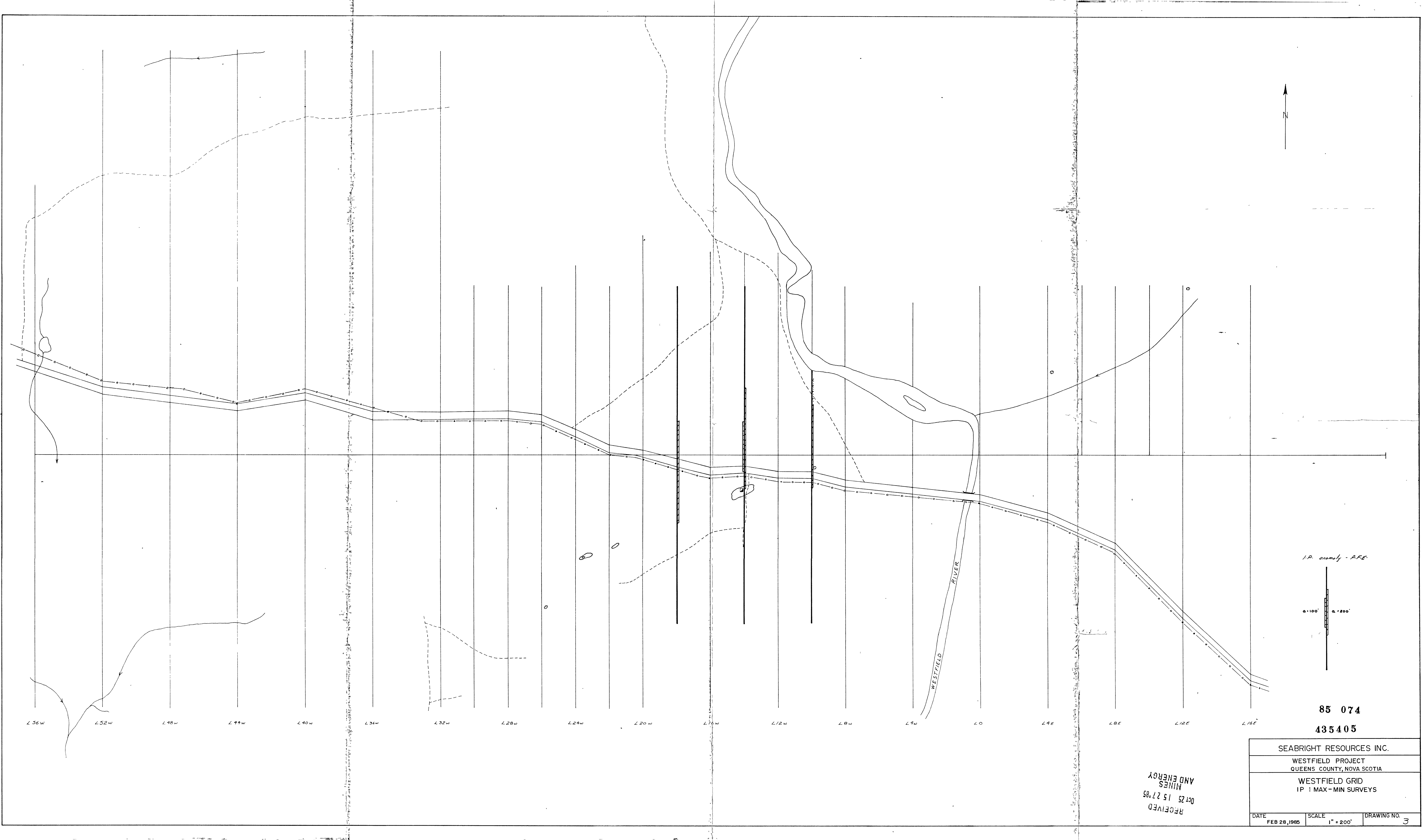
SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID MAGNETOMETER SURVEY contour interval - 100 gammas		
DATE FEB 28, 1995	SCALE 1" = 200'	DRAWING NO. 1



RECEIVED
Oct 25 15 27'05
MINES
AND ENERGY

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435405

SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID FRASER-FIHRED EM-16 SURVEY contour interval - 10% I.P.		
DATE FEB 28, 1985	SCALE 1" = 200'	DRAWING NO. 2



SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID IP: MAX-MIN SURVEYS		
DATE FEB 28, 1985	SCALE 1" = 200'	DRAWING NO. 3

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OCT 25 15 27 '85
MINES
AND ENERGY



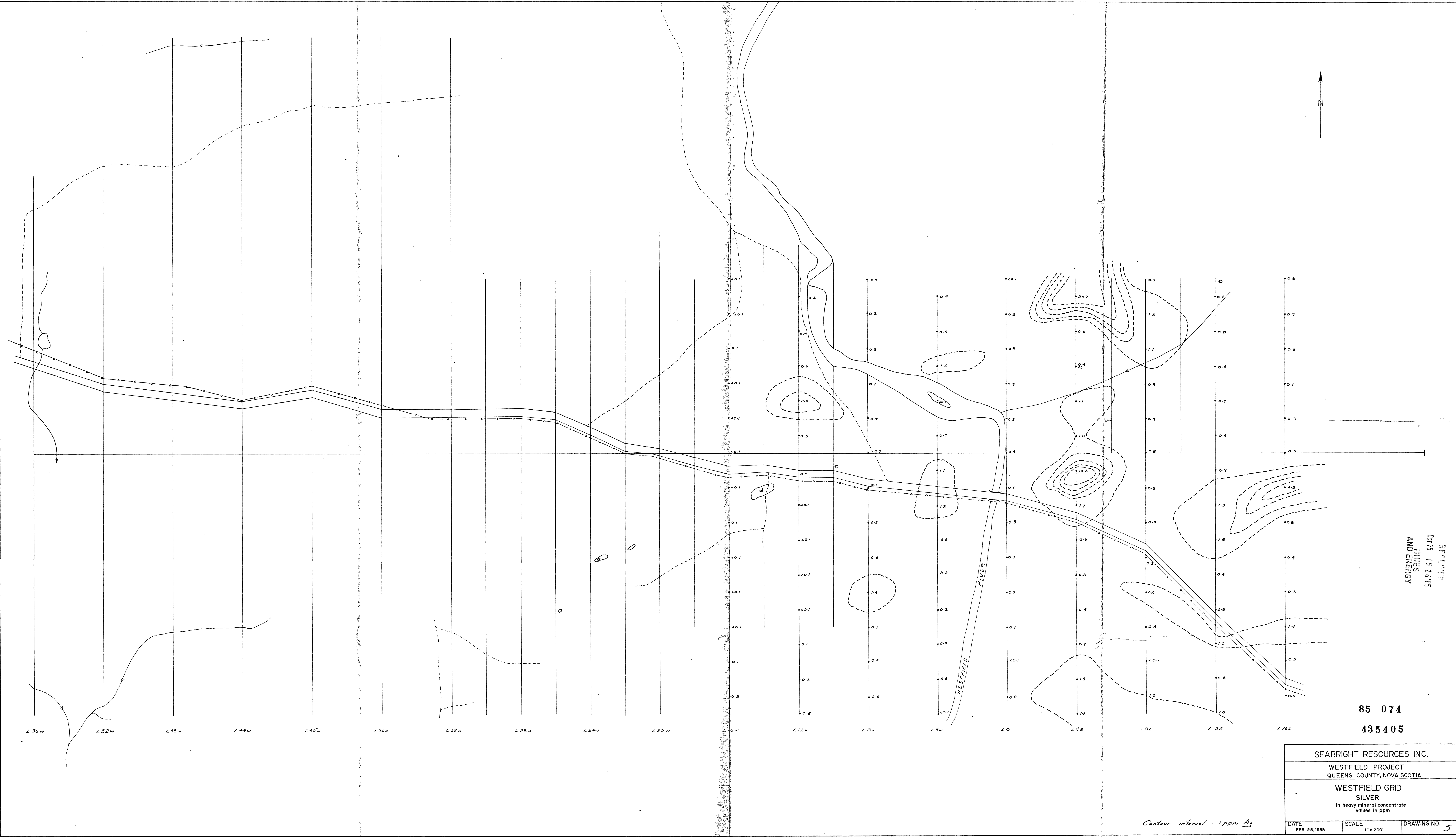
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00125 15 20 95
MINES
AND ENERGY

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SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID GOLD in heavy mineral concentrate value in ppb		
DATE FEB 28, 1985	SCALE 1"=200'	DRAWING NO. 4

Contour interval 100 ppb Au



REPEATED
DATE 15.2.1985
MINES
AND ENERGY

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435405

Contour interval - 1 ppm Ag

SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID SILVER in heavy mineral concentrate values in ppm		
DATE FEB 28, 1985	SCALE 1" = 200'	DRAWING NO. 5



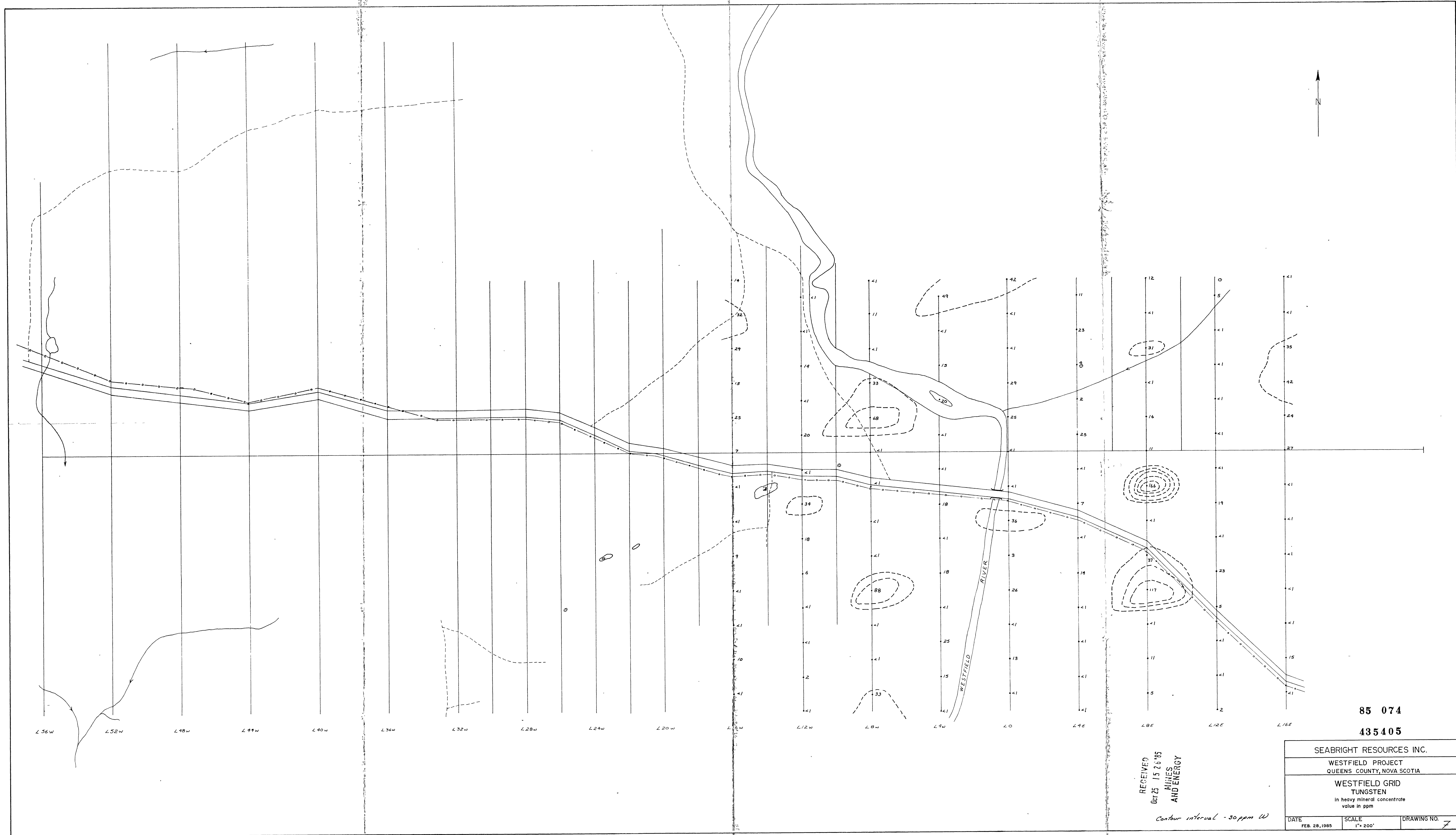
85 074

435405

REVISION
Oct 23, 1985 2.6.85
MINES
AND ENERGY

SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID TIN in heavy mineral concentrate values in ppm		
DATE FEB 28, 1985	SCALE 1" = 200'	DRAWING NO. 6

Contour Interval - 50 ppm Sn



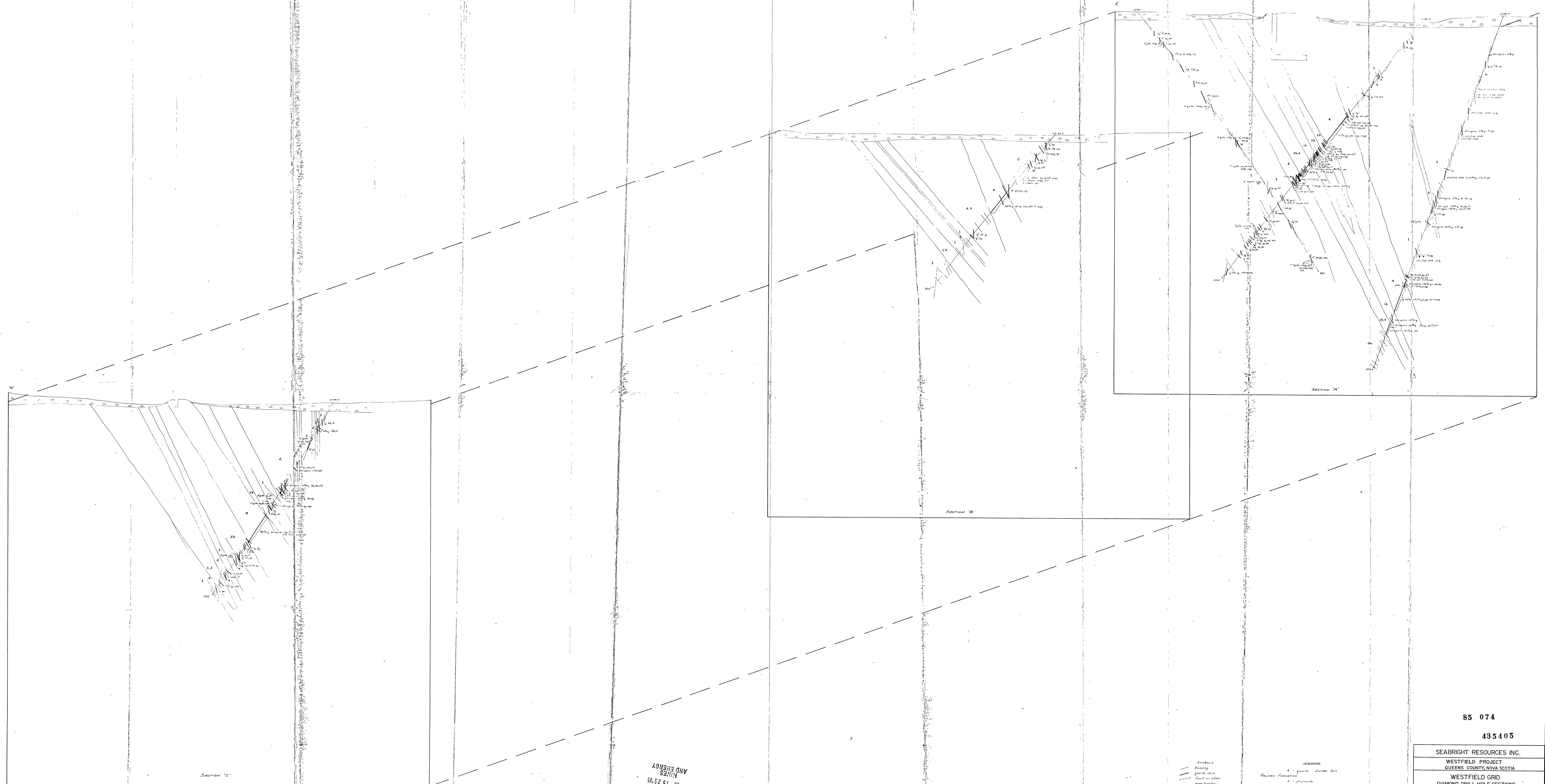
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RECEIVED
OCT 25 15 26 '85
MINES
AND ENERGY

Contour interval - 30 ppm W

SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID TUNGSTEN in heavy mineral concentrate value in ppm		
DATE FEB. 28, 1985	SCALE 1" = 200'	DRAWING NO. Z



85 074

435405

SEABRIGHT RESOURCES INC.

WESTFIELD PROJECT
QUEENS COUNTY, NOVA SCOTIA

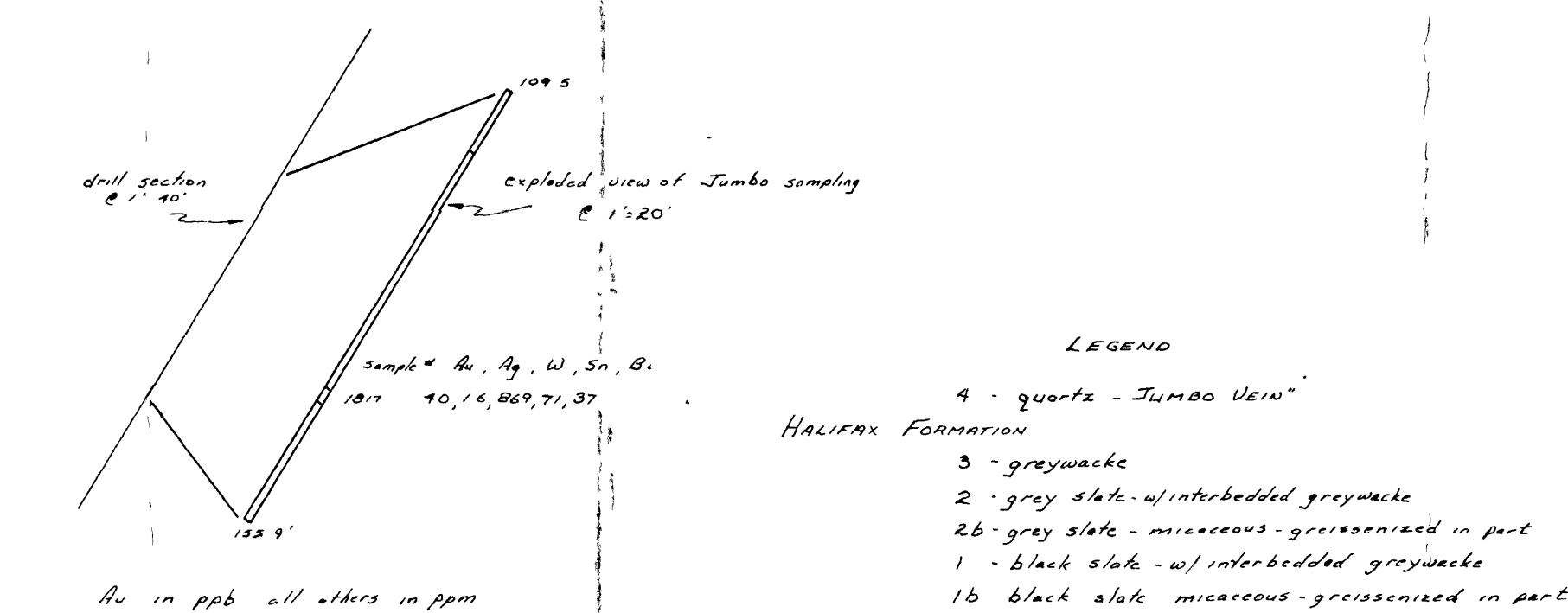
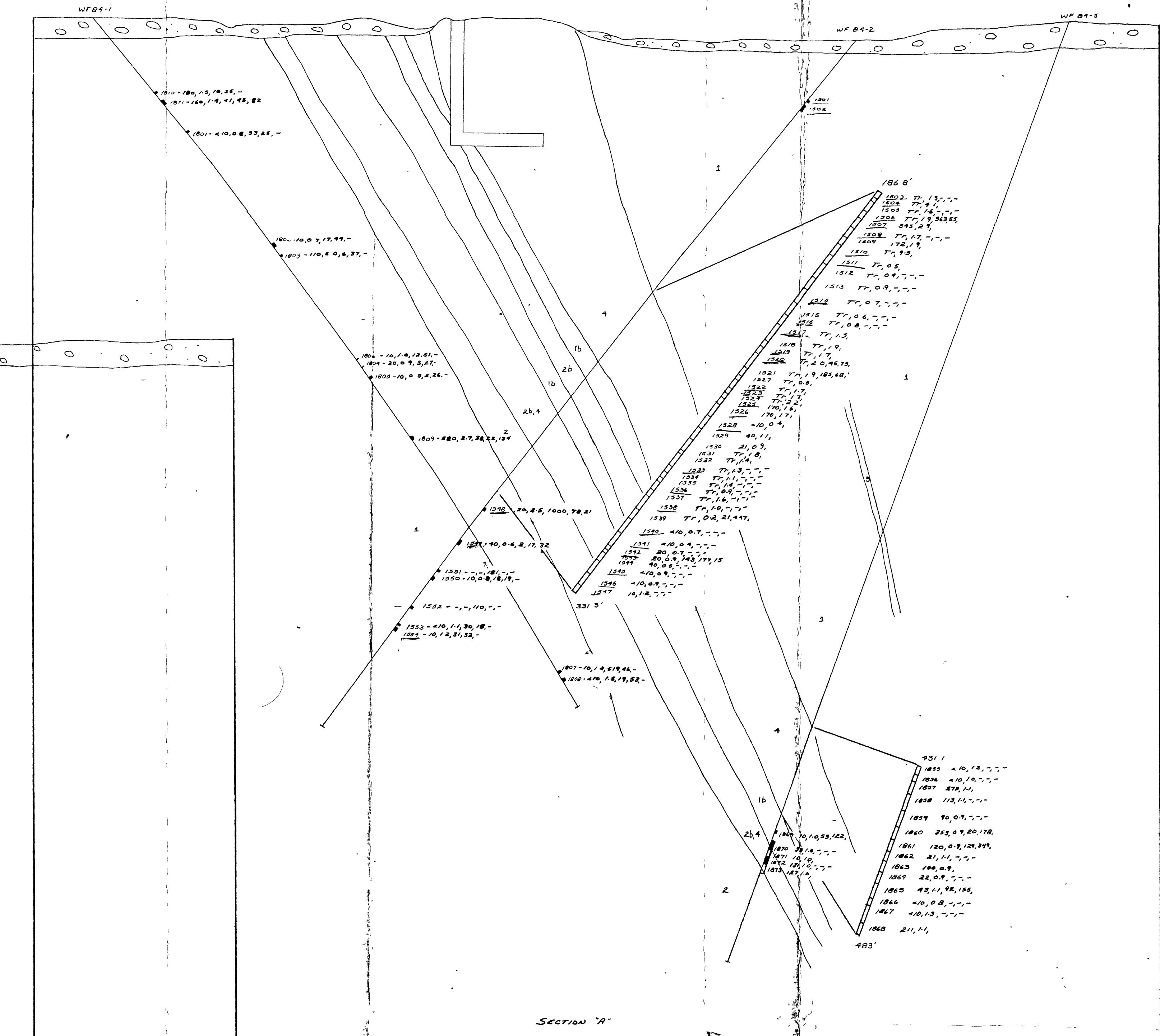
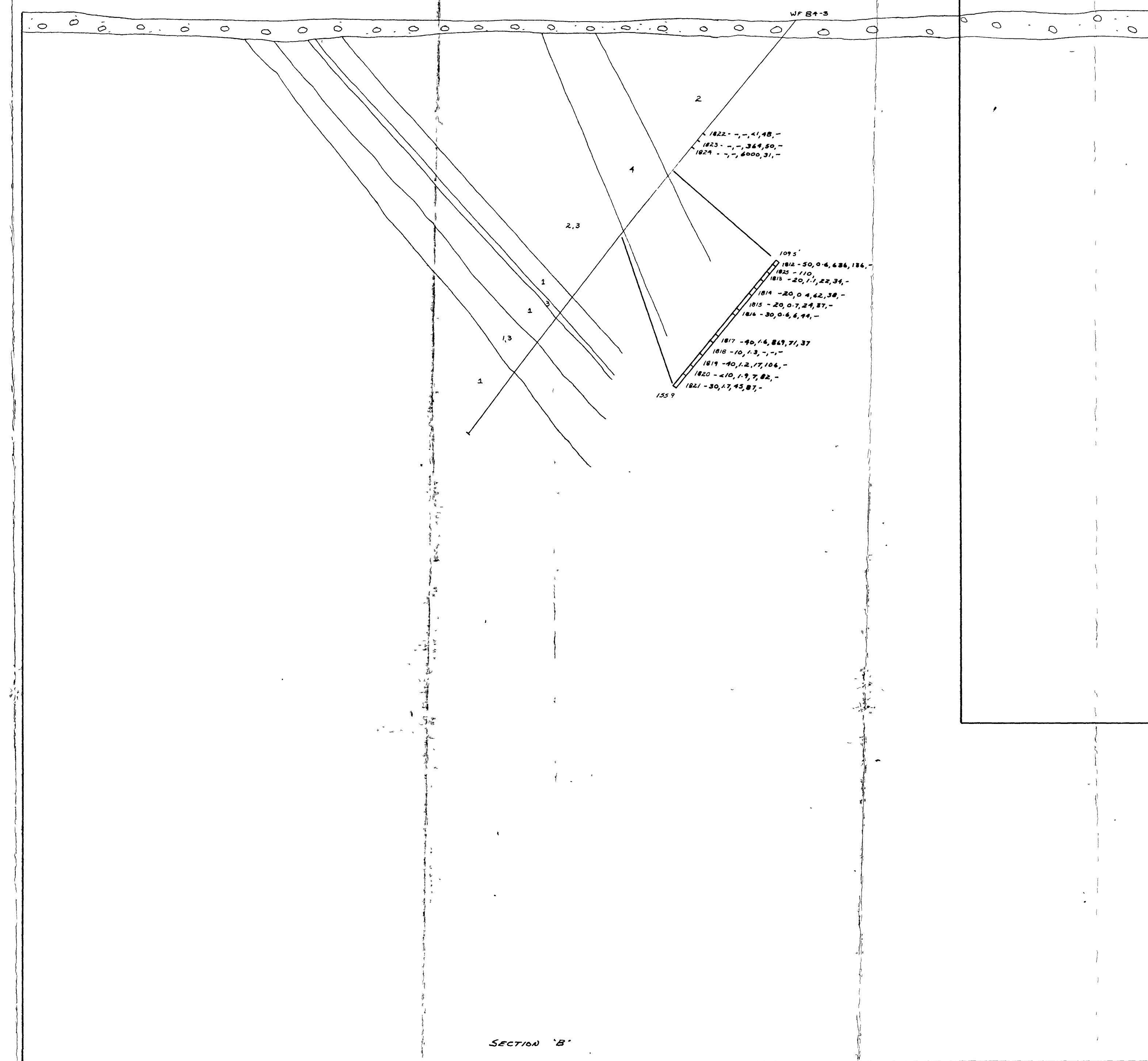
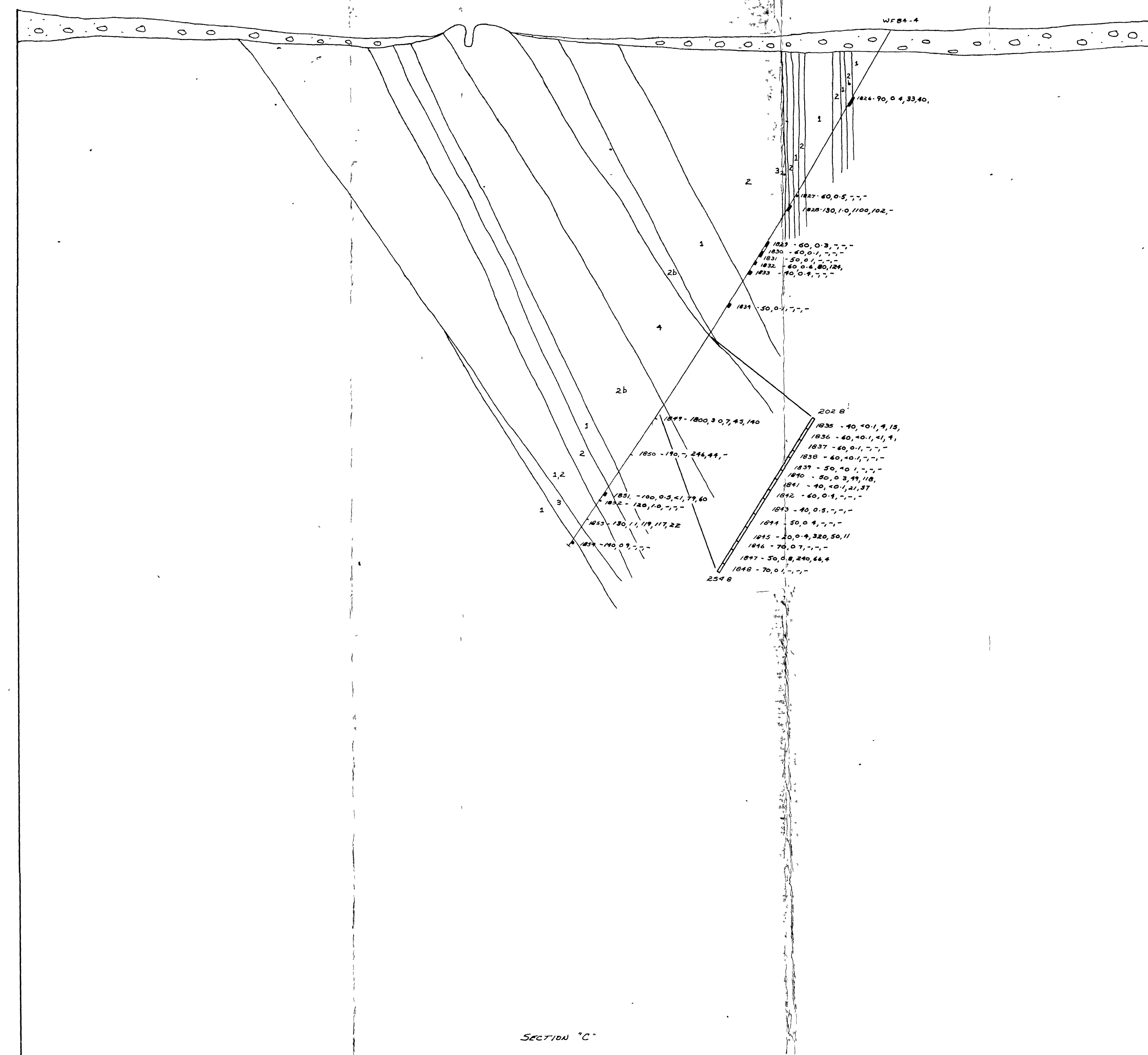
QUEENS COUNTY, NOVA SCOTIA

WESTFIELD GRID

DIAMOND DRILL HOLE SECTIONS

DATE FEB 28, 1985	SCALE 1" = 40'	DRAWING NO.
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OCT 25 15 25 '85
MINES
AND ENERGY



RECEIVED 02/25/1985 MINES AND ENERGY		
85 074		
435405		
SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT		
QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID		
GEOCHEMICAL ANALYSIS OF DRILL CORE		
DATE	SCALE	DRAWING NO.
FEB 28, 1985	1" = 40'	9



LEGEND

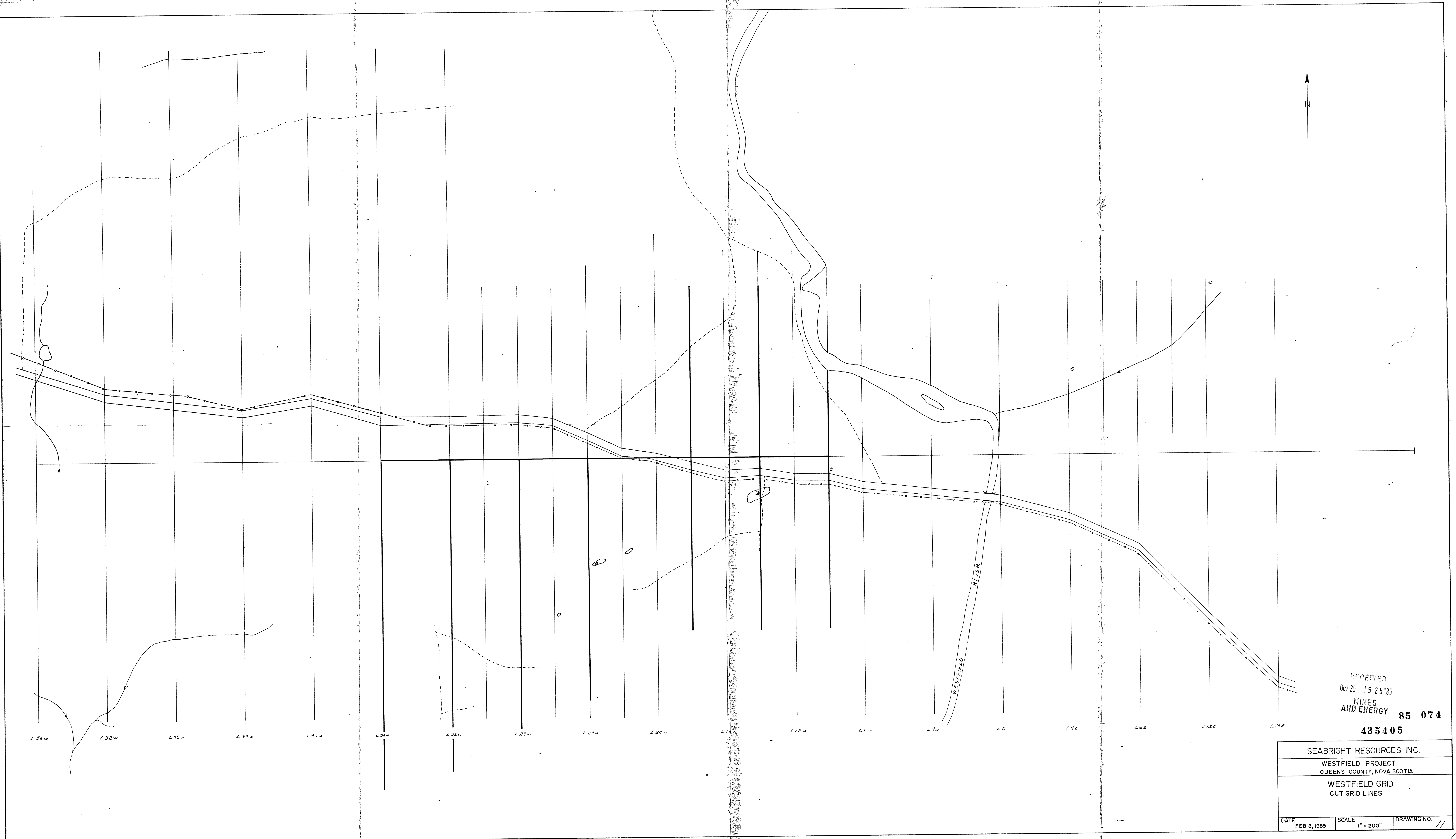
DEVONIAN
2 - granodiorite, biotite granite
CAMBRO-ORDOVICIAN
1 - Halifax Formation - slate, greywacke

12 cleavage
35 fold w/ plunge
— quartz vein
--- fault zone
— diamond drill hole
● shaft, pit

85 074
435405

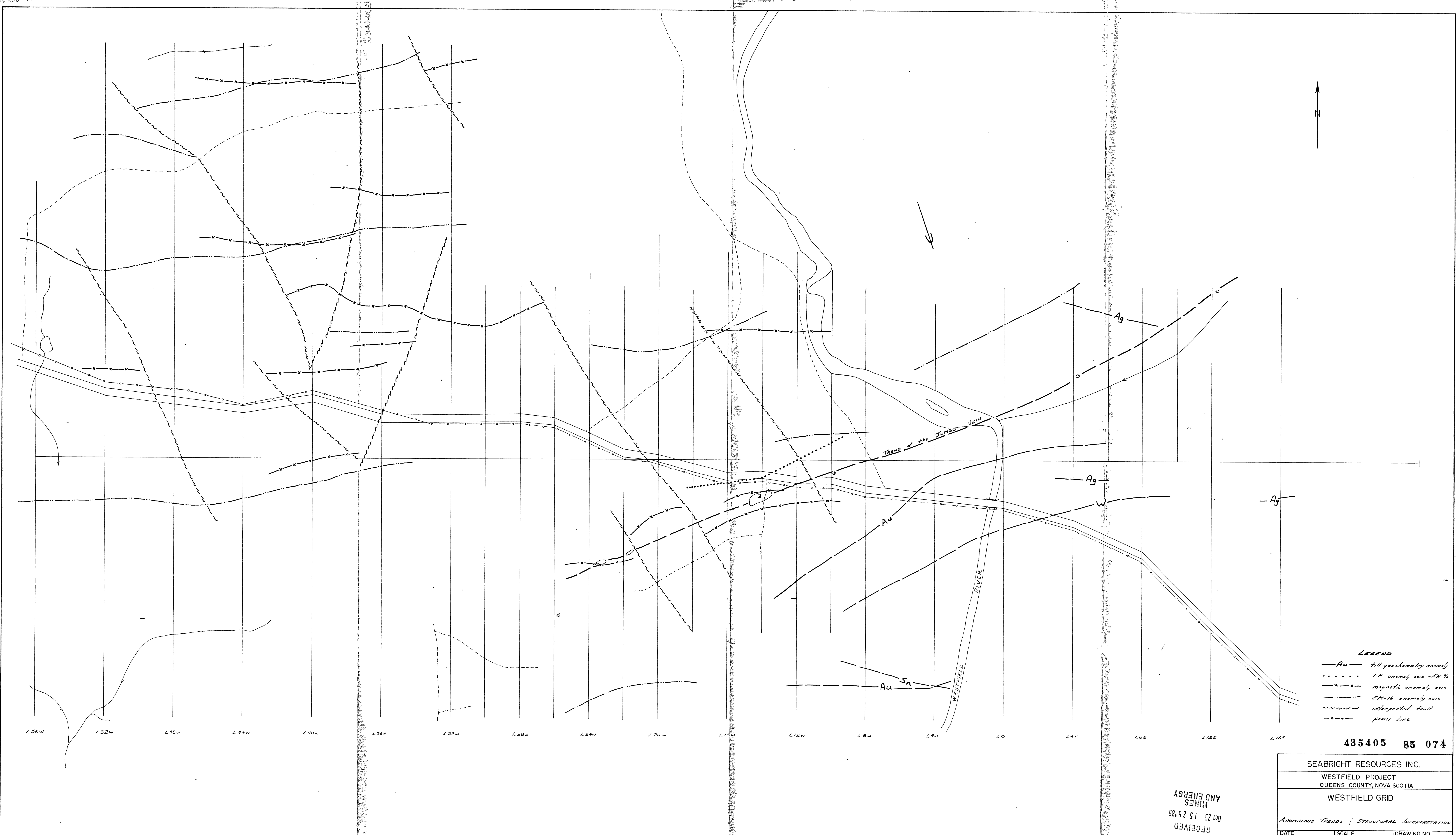
RECEIVED
Oct 25 15 25 '85
MINES
AND ENERGY

SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID GEOLOGY		
DATE FEB 28, 1985	SCALE 1" = 200'	DRAWING NO. 10



RECEIVED
Oct 25 15 25 '85
MINES
AND ENERGY 85 074
435405

SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID CUT GRID LINES		
DATE FEB 8, 1985	SCALE 1" = 200'	DRAWING NO. //

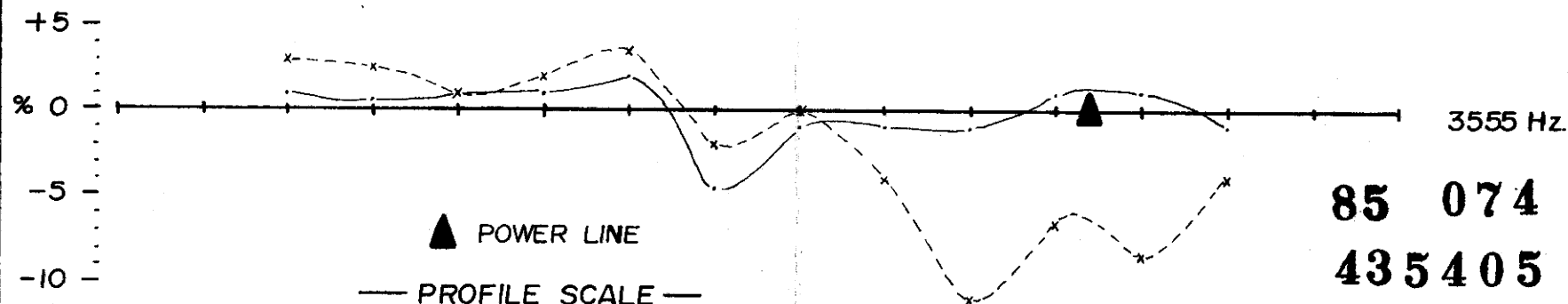
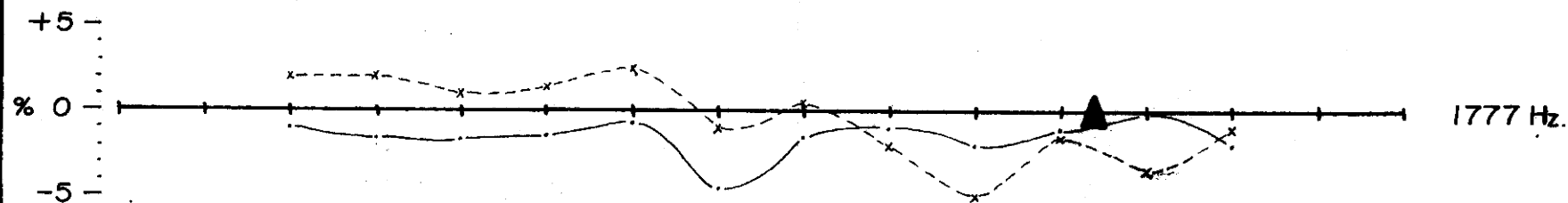
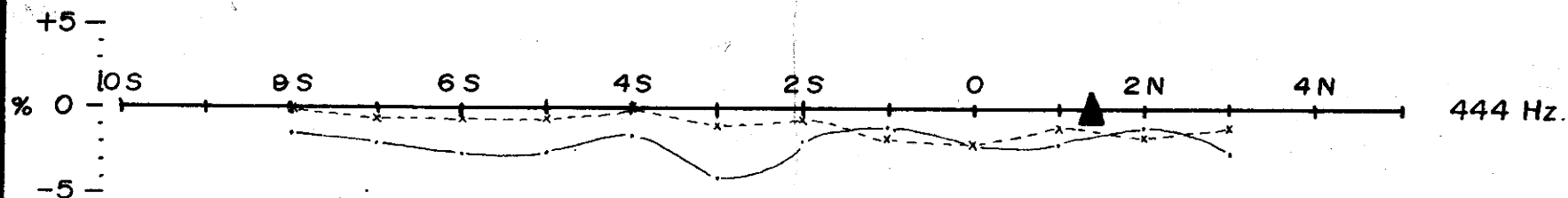


- LEGEND**
- Au- till geochemistry anomaly
 - I.P. anomaly axis -FE%
 - x-x- magnetic anomaly axis
 - EM-16 anomaly axis
 - ~~~~~ interpreted fault
 - o-o- power line

435405 85 074

SEABRIGHT RESOURCES INC.		
WESTFIELD PROJECT QUEENS COUNTY, NOVA SCOTIA		
WESTFIELD GRID		
ANOMALOUS TRENDS : STRUCTURAL INTERPRETATION		
DATE	SCALE 1"=200'	DRAWING NO. 12

RECEIVED
OCT 25 15 25 '85
MINES
AND ENERGY



▲ POWER LINE

— PROFILE SCALE —

1" = 10%

— in phase

x---x out of phase

+

-

400' Coil separation

85 074

435405



NORTHEAST
EXPLORATION
services limited

- * project management
- * geophysical surveys
- * geochemical surveys
- * geological consulting
- * line cutting
- * claim staking

875 St. Peter, Ave. Bathurst, New Brunswick, Canada E2A 2E1

(508) 548-2582

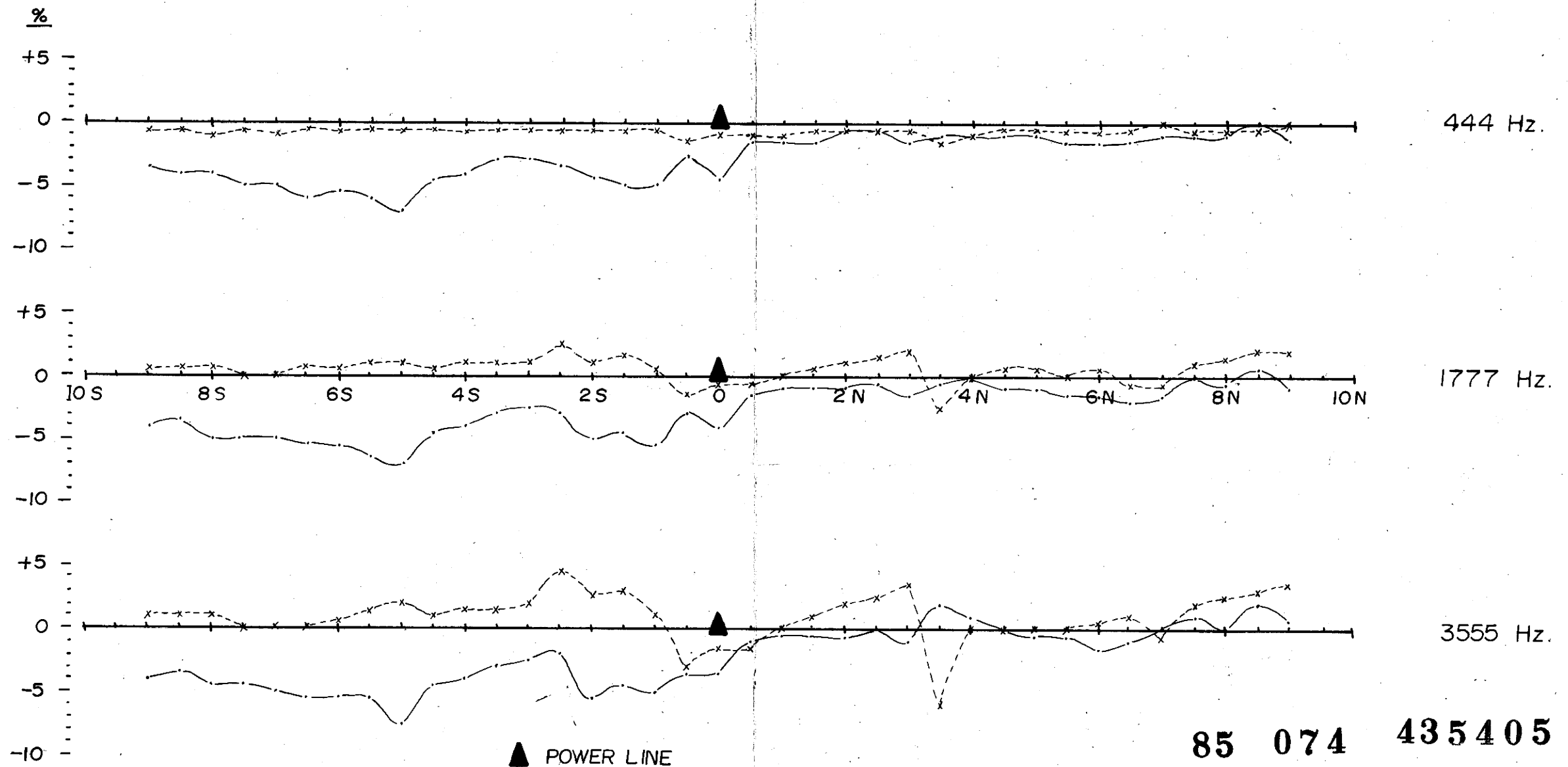
MAX MIN II SURVEY 13
L 10 W
WEST FIELD PROPERTY
for
SEABRIGHT RESOURCES Inc.

SCALE	MTS	DRAWN BY	CHECKED BY	DATE	FILE NO.
1"=200'		E. Godin		Dec. 84	

RECEIVED

OCT 25 15 27 '85

MINES
AND ENERGY



▲ POWER LINE

—PROFILE SCALE—

1" = 10%

— in phase
x--x out of phase

+

-

200' Coil separation

85 074 435405



NORTHEAST
EXPLORATION
services limited

* project management
* geophysical surveys
* geochemical surveys
* geological consulting
* line cutting
* claim staking

875 St-Peter, Ave Bathurst, New Brunswick, Canada E2A 2Z1

(506) 548-2582

MAX MIN II SURVEY

L 14 W

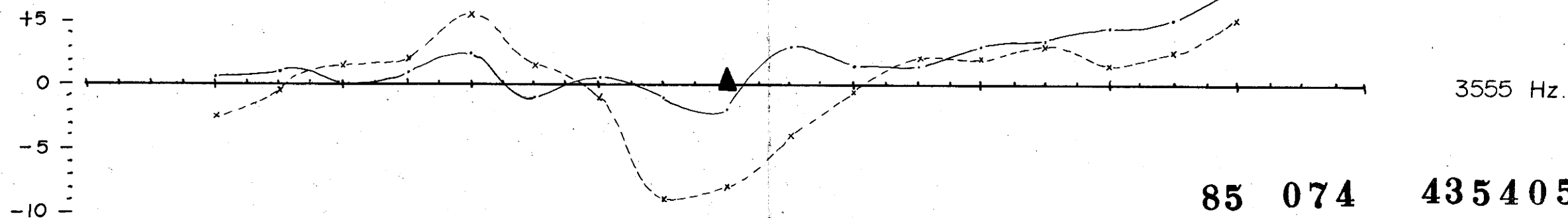
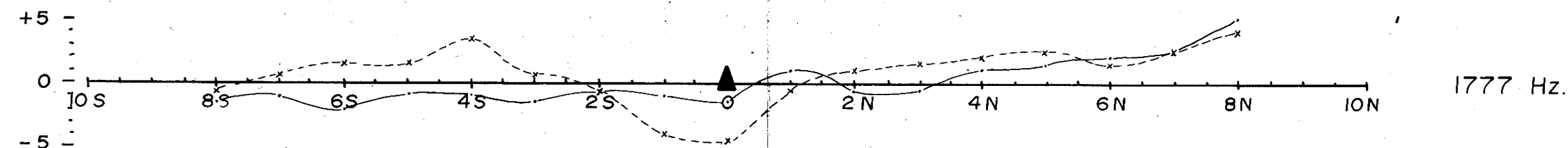
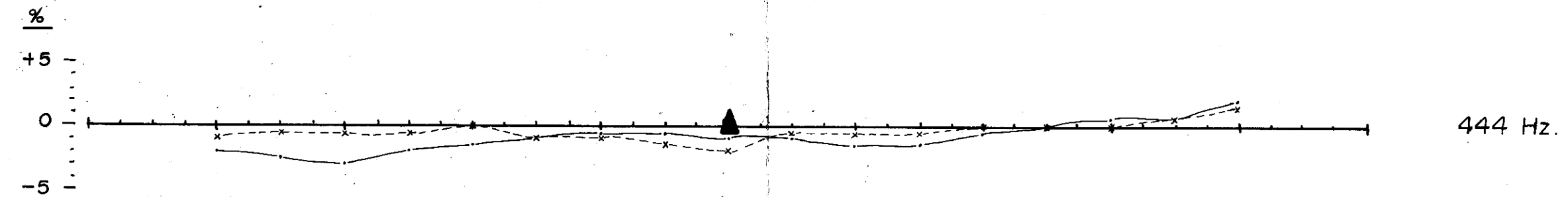
WEST FIELD PROPERTY

for

SEABRIGHT RESOURCES Inc.

SCALE	N.T.S.	DRAWN by	CHECKED	REVISED	DATE	FILE No.
1"=200'		E. Godin			Dec. 84	

RECEIVED
OCT 25 15 27 '85
MINES
AND ENERGY

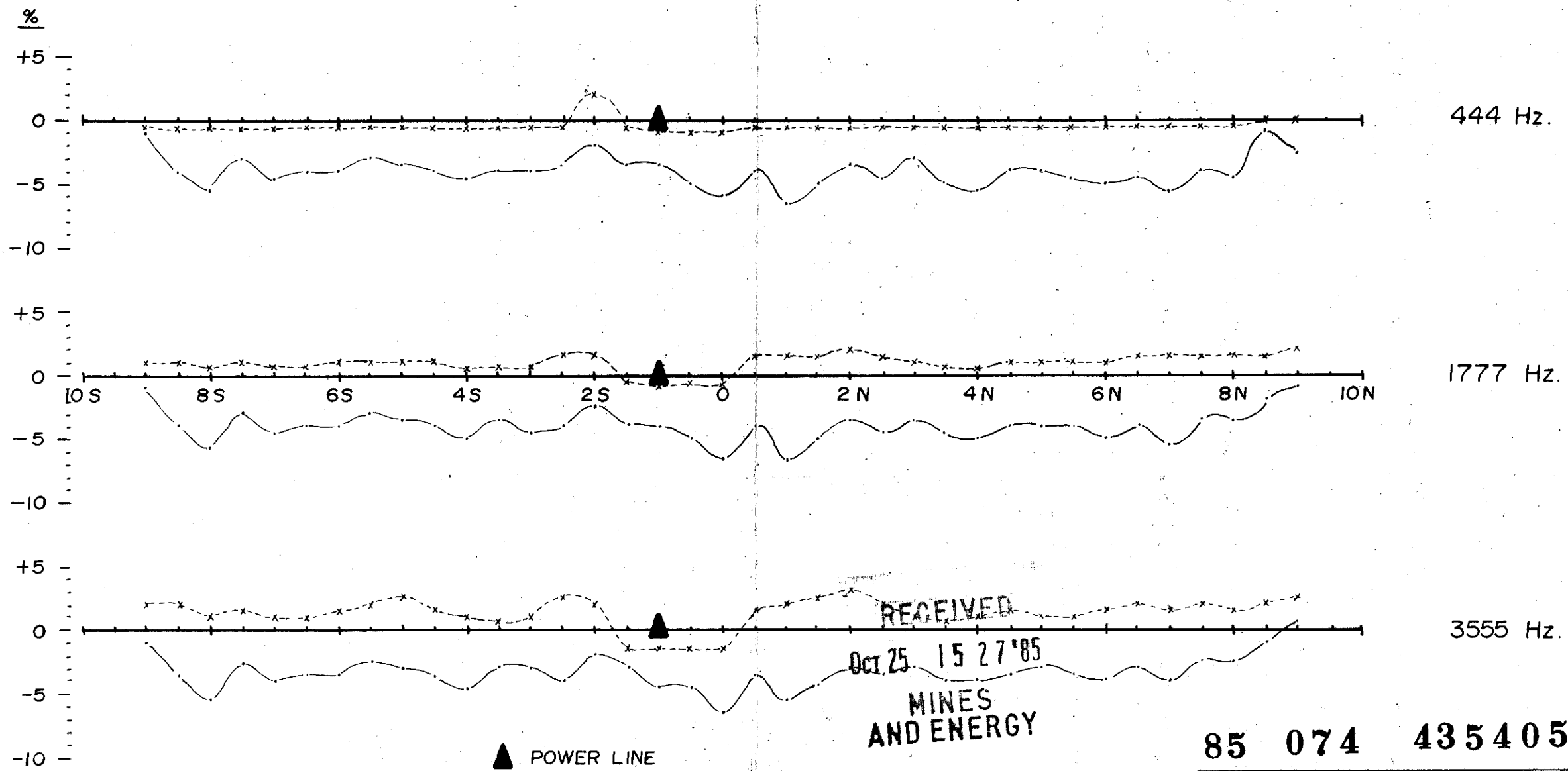


▲ POWER LINE
 — PROFILE SCALE —
 1" = 10 %
 — in phase
 x--x out of phase
 +
 —
 400' Coil separation

RECEIVED
 OCT 25 15 27 '85
 MINES
 AND ENERGY

85 074 435405

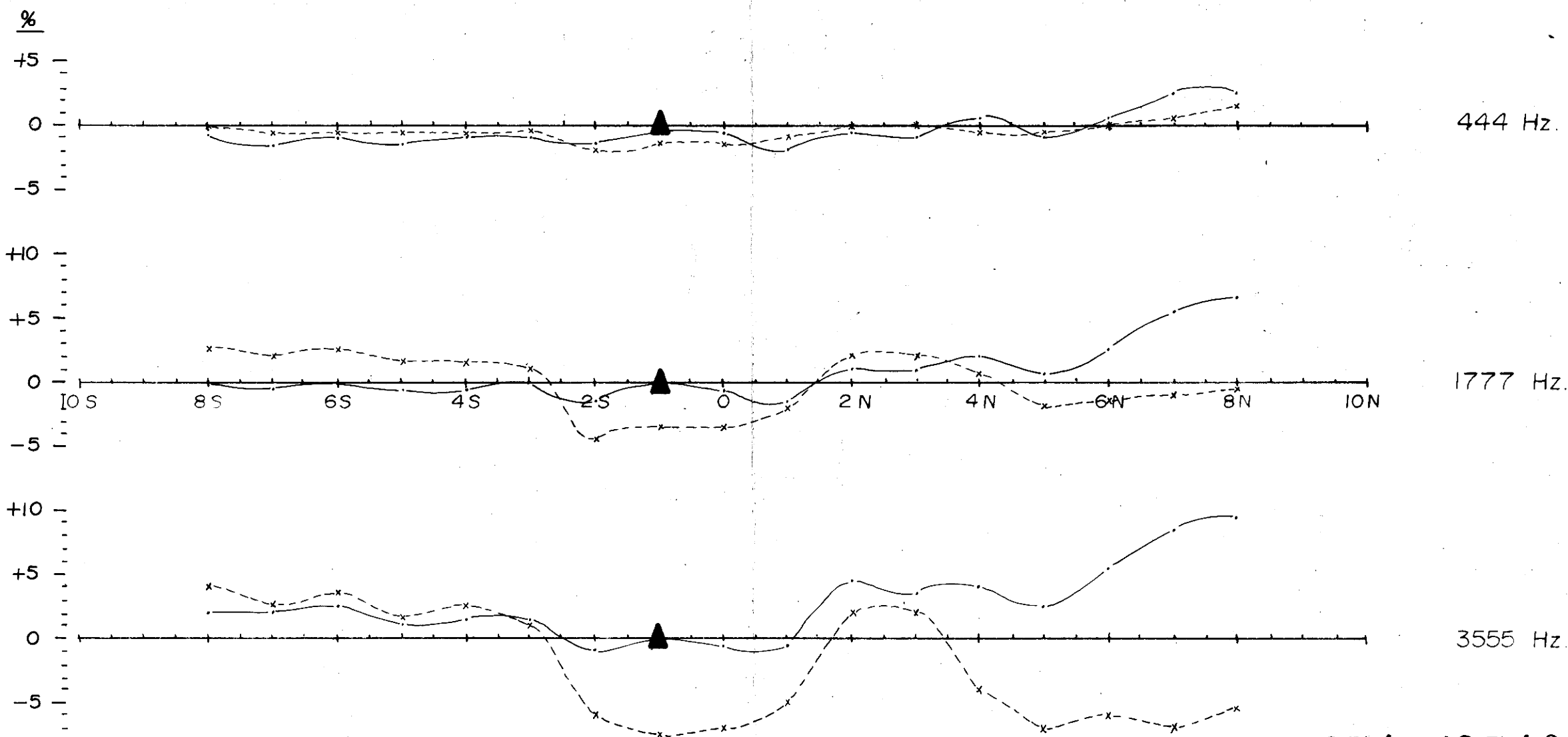
 NORTHEAST EXPLORATION services limited		* project management * geophysical surveys * geochemical surveys * geological consulting * line cutting * claim staking	
875 St-Peter, Ave. Bathurst, New Brunswick, Canada E2A 2Z1 (506) 548-2592			
MAX MIN II SURVEY 15			
L 14 W			
WEST FIELD PROPERTY			
for			
SEABRIGHT RESOURCES Inc.			
SCALE	N.T.S.	DRAWN by	CHECKED
1"=200'		E. Godin	
REVISD	DATE	FILE No.	
	Dec. 84		



RECEIVED
OCT 25 15 27 '85
MINES
AND ENERGY

85 074 435405

		NORTHEAST EXPLORATION services limited		• project management • geophysical surveys • geochemical surveys • geological consulting • line cutting • claim staking	
675 St-Peter Ave. Bathurst, New Brunswick, Canada E2A 2Z1 (506) 546-2362					
MAX MIN II SURVEY L 18 W WEST FIELD PROPERTY for SEABRIGHT RESOURCES Inc.				16	
SCALE	N.T.S.	DRAWN by	CHECKED	REVISED	DATE
1"=200'		E. Godin			Dec. 84
				FILE No.	



▲ POWER LINE

— PROFILE SCALE —

1" = 10 %

— in phase

x--x out of phase

+

—

400' Coil separation

85 074 435405

RECEIVED
OCT 25 15 27 '65
MINES
AND ENERGY

 NORTHEAST EXPLORATION services limited		875 St. Peter Ave. Bathurst, New Brunswick, Canada E2A 2Z1	
MAX MIN II SURVEY 17			
L 18 W			
WEST FIELD PROPERTY for SEABRIGHT RESOURCES Inc.			
SCALE	N.T.S.	DRAWN by	CHECKED
1"=200'		E. Codin	
REVISED	DATE		
	Dec 64		

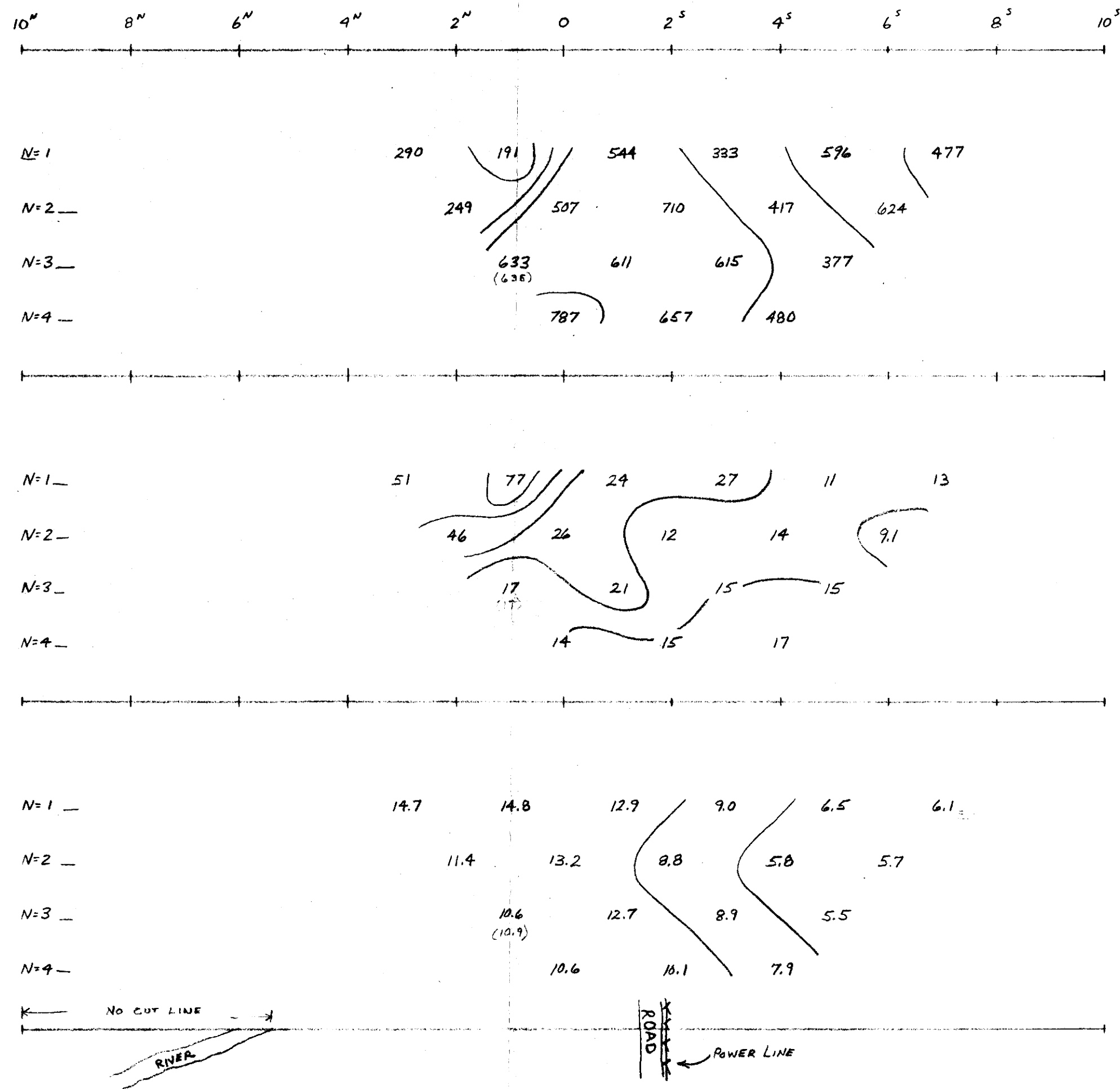
18

EASTERN GEOPHYSICS LIMITED
 GROUND SURVEY INDUCED POLARIZATION
 CONTRACTED BY CUIVIER MINES
 AREA WESTFIELD, N.S.
 LINE 10 W
 EQUIP. IPV-1 / IRT-1
 FREQ. 254 Hz & 4.0 Hz
 SCALE 1" = 200 ft
 DATE DECEMBER 17, 1984
 OPER. B. d'Entremont

435405 85 074

LINE 10W

RECEIVED
 OCT 25 15 26 '85
 MINES
 AND ENERGY

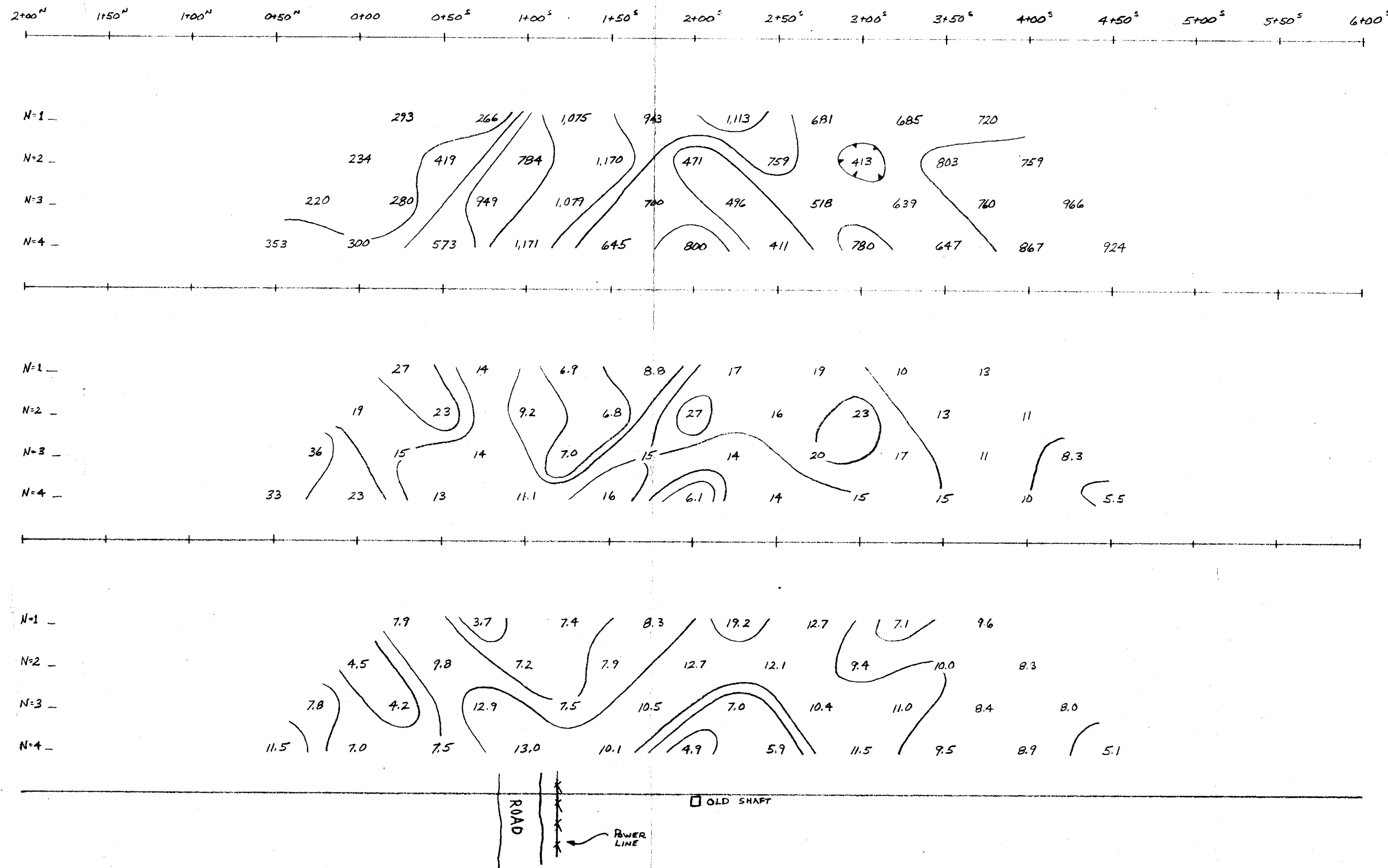


EASTERN GEOPHYSICS LIMITED
 GROUND SURVEY INDUCED POLARIZATION
 CONTRACTED BY CUIVER MINES INC.
 AREA WESTFIELD, N.S.
 LINE 14^W
 EQUIP. IPV-1 / IPT-1
 FREQ. 25 HZ & 4.0 HZ
 SCALE 1" = 50'
 DATE December 12/84
 OPER. B. d'Entremont

435405 85 074

LINE 14^W
 (a = 50 ft.)

RECEIVED
 OCT 25 15 28 '85
 MINES
 AND ENERGY



$\rho_a / 2\pi$

M.F.

F.E.

EASTERN GEOPHYSICS LIMITED

GROUND SURVEY INDUCED POLARIZATION

CONTRACTED BY CUIVIER MINES INC.

AREA WESTFIELD, N.S.

LINE 14W

EQUIP IPV-1 & IPT-1

FREQ. 25 HZ & 4.0 HZ

SCALE 1" = 100'

DATE December 19, 1984

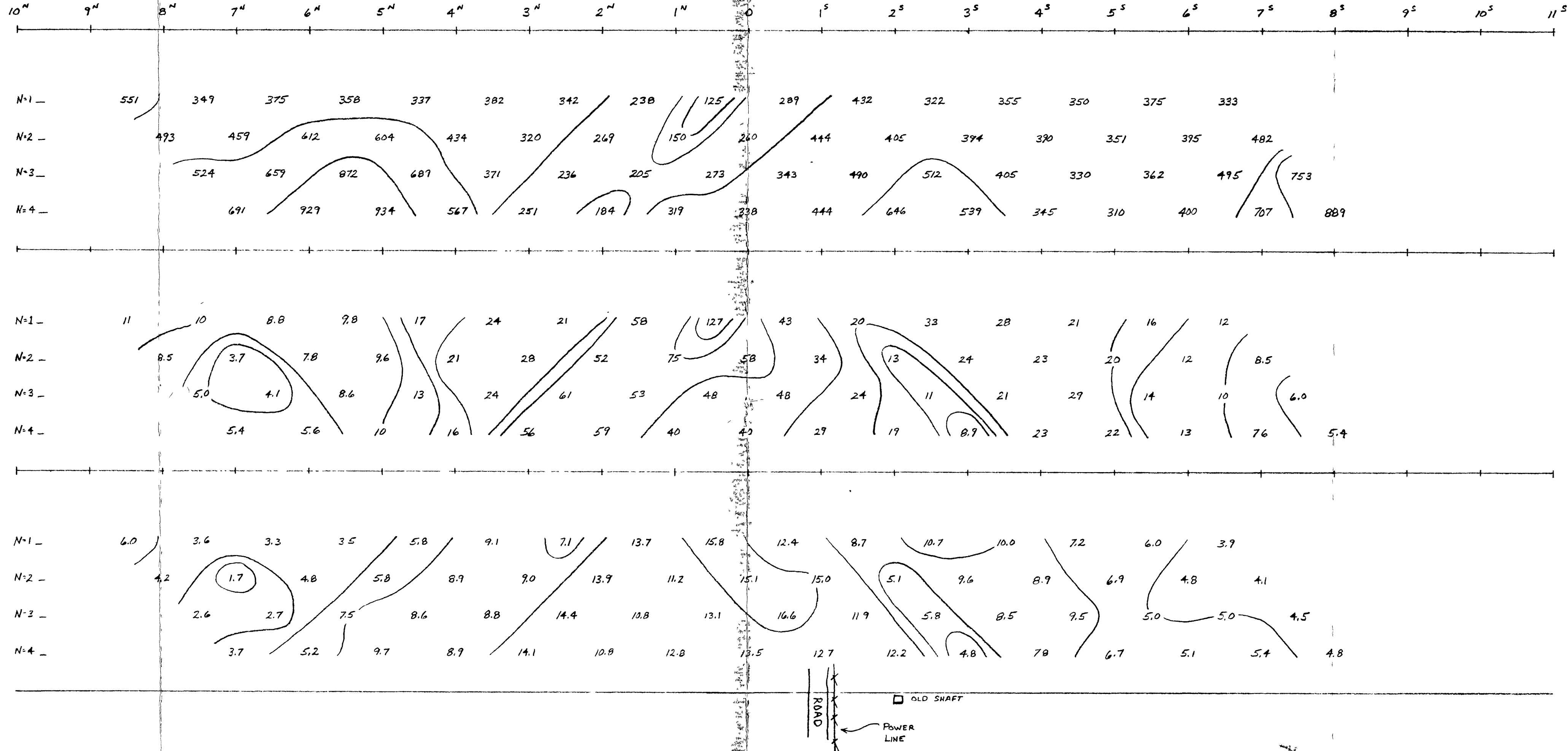
OPER. P. d'Entremont

435405 85 074

LINE 14W
(a = 100 ft.)

RECEIVED -
Oct 25 15 27 '85 -
MINES
AND ENERGY

20



$P_0/2\pi$

M.F.

F.E.

EASTERN GEOPHYSICS LIMITED
GROUND SURVEY INDUCED POLARIZATION
CONTRACTED BY CUVIER MINES INC.
AREA WESTFIELD, N.S.
LINE 14 W
EQUIP. IPV-1 / IPT-1
FREQ. 125 HZ & 40 HZ
SCALE 1" = 200 ft.
DATE December 17 / 84
OPER. B. d'Entremont

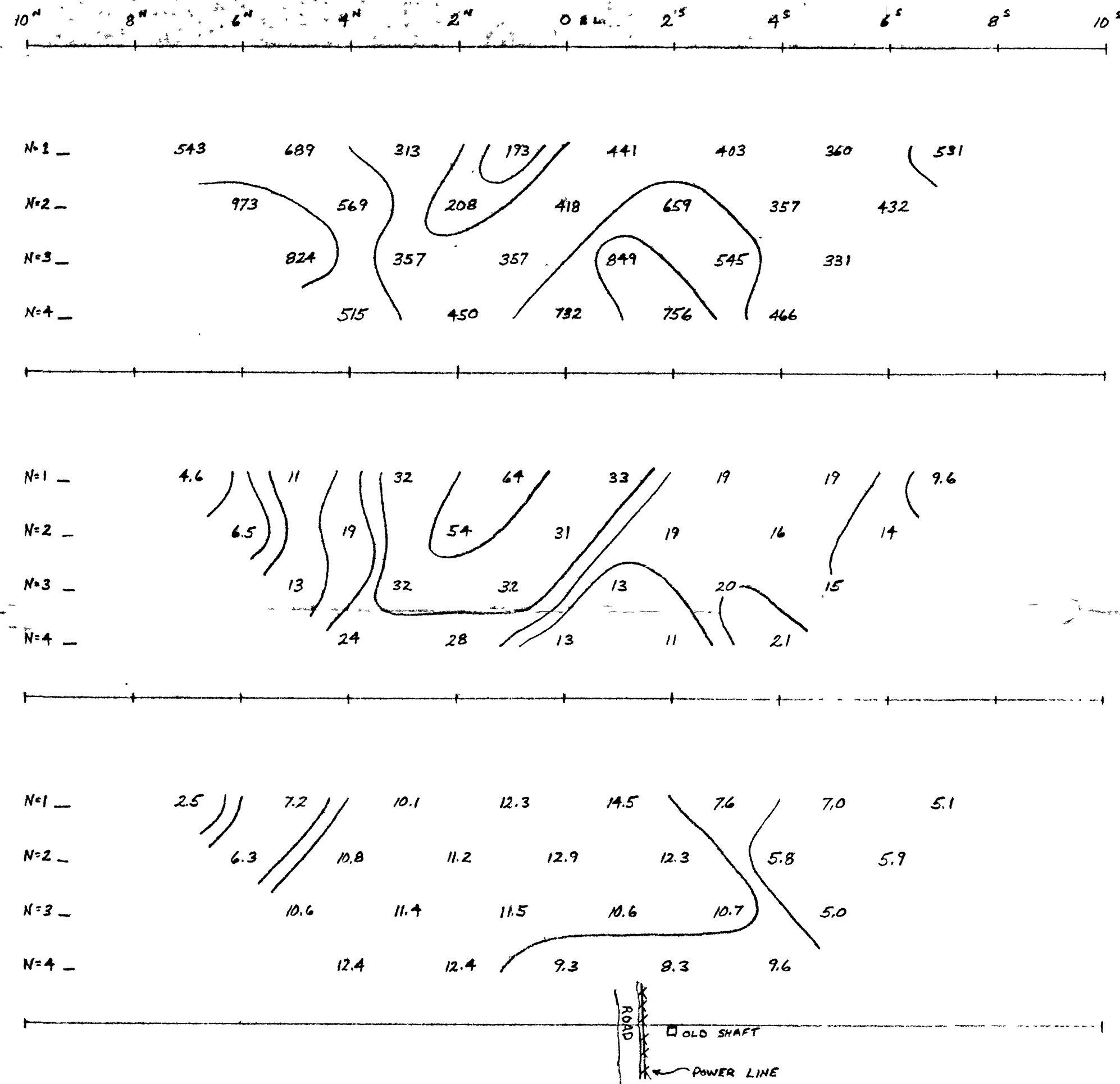
435405

85 074

LINE 14W
(a = 200 ft.)

2701 YFS
Oct 25 15 26 '85
MINES
AND ENERGY

21



$\rho_a/2\pi$

M.F.

F.E.

EASTERN GEOPHYSICS LIMITED
 GROUND SURVEY INDUCED POLARIZATION
 CONTRACTED BY: CUIVIER MINES INC.
 AREA WESTFIELD, N.S.
 LINE 18 W
 EQUIP. IPV-1 / IPT-1
 FREQ. 25 HZ & 40 HZ
 SCALE 1" = 200'
 DATE December 17, 1984
 OPER. B. d'Entremont

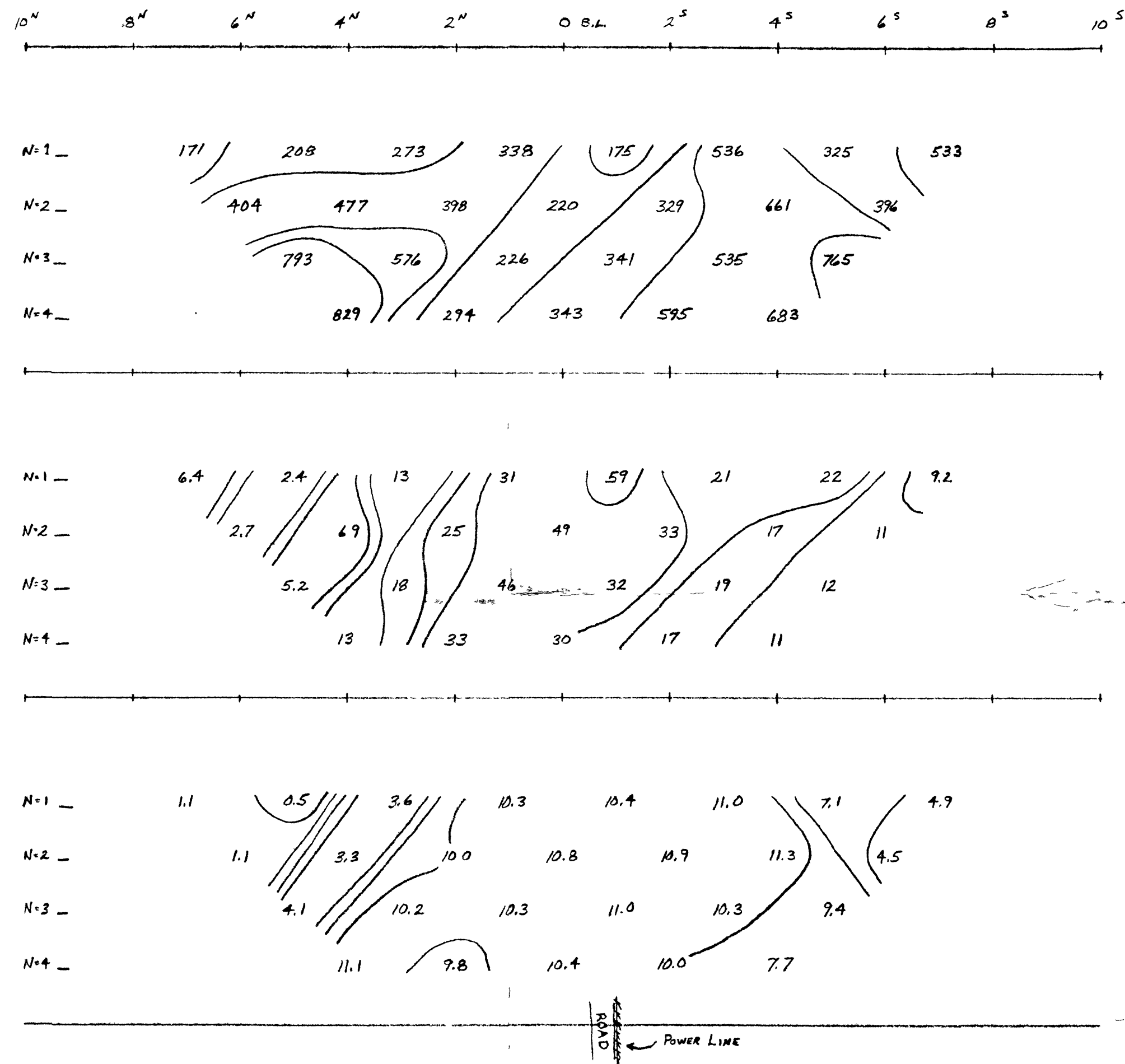
RECEIVED
 OCT 25 15 26 '85
 MINES
 AND ENERGY

435405

85 074

LINE 18 W

22



$\rho_a / 2\pi$

M.F.

F.E.