

# MAINE STATE LEGISLATURE

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1 (Governor's Bill)  
2 SECOND REGULAR SESSION  
3

4 ONE HUNDRED AND TENTH LEGISLATURE  
5

6 **Legislative Document**

**No. 2043**

7  
8 H. P. 2129 House of Representatives, March 2, 1982  
Referred to the Committee on Taxation. Sent up for concurrence  
and 2,500 ordered printed.

Presented by Representative Kane of South Portland.  
EDWIN H. PERT, Clerk

9 Cosponsors: Senator Carpenter of Aroostook, Senator Violette of  
Aroostook and Representative Masterman of Milo.

10  
11 STATE OF MAINE  
12

13 IN THE YEAR OF OUR LORD  
14 NINETEEN HUNDRED AND EIGHTY-TWO  
15

16 AN ACT to Create an Excise Tax on  
17 Mining Companies.  
18

19 Be it enacted by the People of the State of Maine as follows:

20 Sec. 1. 5 MRSA c. 18 is enacted to read:

21 CHAPTER 18

22 MINING EXCISE TAX TRUST FUND

23 §451. Statement of purpose

24 The purpose of this chapter is to establish the Maine  
25 Mining Excise Tax Trust Fund to replace, generally, the loss  
26 to the State of a nonrenewable natural resource and to deal  
27 with extraordinary government costs required by mining.

28 §452. Creation of the Maine Mining Excise Tax Trust Fund

1 There is created a separate trust fund to be known as  
2 the Maine Mining Excise Tax Trust Fund, in this chapter  
3 called the "trust fund." The fund shall be invested by the  
4 Treasurer of State in accordance with section 138.

5 §453. Board of trustees

6 1. Creation. There is created the Maine Mining Excise  
7 Tax Trust Fund Board of Trustees, in this chapter called the  
8 board. The board shall consist of 5 members.

9 2. Appointment of members. The board's members shall  
10 be appointed by the Governor and shall be subject to review  
11 by the joint standing committee of the Legislature having  
12 jurisdiction over taxation and to confirmation by the Legis-  
13 lature. The board members may be removed for cause.

14 3. Terms. Of the initial appointees: One shall serve  
15 a term of one year; one shall serve a term of 2 years; one  
16 shall serve a term of 3 years; one shall serve a term of 4  
17 years; and one shall serve a term of 5 years. Upon expira-  
18 tion of these terms, members shall serve for 5 years. Mem-  
19 bers shall be eligible for reappointment.

20 4. Chairman. The chairman of the board shall be named  
21 by the Governor, and shall serve as chairman at the pleasure  
22 of the Governor.

23 §454. Powers and duties of the board

24 1. Powers. The board may authorize expenditure of  
25 income of the trust fund for projects in accordance with  
26 section 455. The board may act in its own capacity to carry  
27 out the purposes of this section, and shall have the author-  
28 ity to purchase real estate with the consent of the Governor  
29 and to enter into contracts in its own name. The board may  
30 transfer responsibility to carry out the purposes set forth  
31 in section 455, and may transfer funds therefore, to state  
32 agencies and institutions of higher education when that  
33 transfer is consented to in writing by the agency accepting  
34 responsibility and by the Governor. The board shall carry  
35 out its duties in accordance with chapter 375.

36 2. Consultation. The board shall consult with the  
37 Commissioner of Conservation, Commissioner of Environmental  
38 Protection, Commissioner of Inland Fisheries and Wildlife,  
39 the Director of the State Planning Office, and such other  
40 state agencies as may be necessary in making decisions on  
41 the expenditures of funds or transfer of responsibilities.

1           3. Concurrence of 3 members required for expendi-  
2 ture. No expenditure of funds or transfer of responsibility  
3 may be made without the concurrence of 3 board members.

4           4. Reinvestment of funds. The board may direct that  
5 the Treasurer of State reinvest any portion of the income  
6 earned by the trust fund with the principal of the trust  
7 fund. Any such funds reinvested shall not be considered  
8 principal of the trust fund for the purposes of section 455,  
9 subsection 1, paragraph B.

10          5. Location. For administrative purposes, the board  
11 shall be housed in the Department of Conservation. There is  
12 authorized one full-time position in the department to serve  
13 the board in carrying out this section.

14          6. Biennial report. The board shall prepare a bienn-  
15 ial report to be submitted to the Governor and Legislature.  
16 The report shall include an audited financial statement of  
17 the trust fund, a listing of activities undertaken by the  
18 board in the preceding 2 years and a general plan of  
19 expenditures and activities for the coming 2 years. The  
20 reports shall be submitted 30 days prior to the convening of  
21 the First Regular Session of each Legislature.

22          §455. Uses of the trust fund

23           1. Funds available. The board may utilize available  
24 funds as follows.

25           A. The board may utilize the income earned by the  
26 trust fund for the purposes of this section.

27           B. The board may utilize the principal of the trust  
28 fund for purposes of this section, provided that the  
29 principal shall only be used upon the recommendation of  
30 4 members of the board and the consent of the Governor.  
31 Not more than 10% of the principal of the trust fund  
32 may be used in any one year.

33           2. Uses. The eligible uses of the funds available  
34 from the trust fund shall be:

35           A. Purchase and development of land or other interests  
36 in real estate for park and recreational uses;

37           B. Purchase of wildlife habitat and unique natural  
38 areas; and

39           C. Restoration of lakes, rivers and streams.

1       Sec. 2. 36 MRSA §655, sub-§1, ¶Q is enacted to read:

2       Q. Minerals and mineral products as defined in section  
3       2855, subsections 6 and 7.

4       Sec. 3. 36 MRSA §656, sub-§1, ¶B, is repealed and the  
5       following enacted in its place:

6       B. All minerals as defined in section 2855, subsection  
7       7, and mines thereof, shall be exempt from taxation and  
8       shall in no event constitute an element of value of any  
9       real estate of which they are a part.

10      Sec. 4. 36 MRSA c. 367 is enacted to read:

11                                   CHAPTER 367

12                                   MINERAL EXCISE TAX

13      §2851. Preamble

14      It is the Legislature's belief that mining is an ac-  
15      ceptable and necessary activity in the State. Mining  
16      results in economic benefits to the locality where it  
17      occurs, as well as to the entire State and the Nation.  
18      Those who conduct mining do so by their own initiative and  
19      by investing their capital. When mining is conducted,  
20      investments of the State are also made to provide public  
21      facilities and services. Aesthetic costs and the permanent  
22      loss of valuable assets also result from mining. It is the  
23      Legislature's intent that the mineral excise tax be fairly  
24      related to the services provided by the State and its sub-  
25      divisions, as well as account for the costs of mining and  
26      the permanent loss of valuable assets.

27      §2852. Findings

28                   The Legislature makes the following findings.

29           1. Mineral resources fundamental. Mineral resources  
30      are fundamental to modern civilization.

31           2. Mineral resources as economic wealth. Mineral  
32      resources have historically been a primary source of eco-  
33      nomical wealth, are valuable and, once removed, are forever  
34      lost as an economic asset to the State. While the minerals  
35      themselves are nonrenewable assets, mining creates economic  
36      benefits to the State.

1       3. Development of mineral resources. Development of  
2 this country's mineral resources has involved only a small  
3 portion of its land area and may be expected to involve a  
4 similarly small portion of the land area of Maine.

5       4. Excise tax. The tax established by this chapter is  
6 not a property tax. It is an excise tax imposed on those  
7 engaged in and enjoying the privilege of conducting mining  
8 in the State.

9       5. Creation of additional costs to government by  
10 mining. The activity of mining may create additional costs  
11 to the State and its political subdivisions for government  
12 services, such as environmental monitoring and education and  
13 for highways, sewers, schools and other improvements which  
14 are necessary to accommodate the development of a mining  
15 industry.

16       6. Effect of mining on environment and other quali-  
17 ties. The activity of mining has effects on the environment  
18 and recreational and aesthetic qualities of the State.  
19 These effects constitute a cost to the State.

20       7. Quality of life. The activity of mining may sig-  
21 nificantly alter the quality of life in communities affected  
22 by mining.

23       8. Size of mining operation. As the size of a mining  
24 operation increases, the cost to the State and its political  
25 subdivisions increases, as do the effects on the environ-  
26 ment. As the size of a mining operation increases, the com-  
27 pany mining benefits from economies of scale in the mining  
28 operation.

29       9. Long-term and short-term economic costs. The State  
30 and its political subdivisions incur long-term and short-  
31 term economic costs as a result of mining.

32       10. Impact of mineral tax laws on mining indus-  
33 try. Mineral tax laws have a significant impact on the  
34 profitability of mining and the industry's ability to enter  
35 into and sustain production.

36 §2853. Purpose

37       It is the policy of the State to encourage the sound  
38 and orderly development of Maine's mineral resources. The  
39 object of this policy is to assure that the actions associ-  
40 ated with development of these resources will:

1           1. Expansion and diversification of econ-  
2 omy. Encourage expansion and diversification of the Maine  
3 economy and create new employment opportunities for Maine  
4 people;

5           2. Land use; environmental, safety and health regula-  
6 tions. Adhere to sound and effective land use, environ-  
7 mental, safety and health regulations administered through  
8 appropriate public agencies;

9           3. Assistance to municipalities and counties. Provide  
10 planning and development assistance to Maine municipalities  
11 and counties that will be significantly affected by mineral  
12 resource development; and

13           4. Scheme of taxation. Establish a practical scheme  
14 of taxation on mining companies which will:

15           A. Permit these companies to profitably operate mines  
16 within the State;

17           B. Encourage the economically efficient extraction of  
18 minerals; and

19           C. Compensate the State and its political subdivisions  
20 for present and future costs incurred or to be incurred  
21 as a result of the mining activity.

22   §2854. Excise tax in lieu of property taxes

23           Every mining company shall pay to the State Tax Asses-  
24 sor, for the use set forth in this chapter, an annual excise  
25 tax for the privilege of conducting mining within the State.  
26 The excise tax imposed by this chapter shall be in lieu of  
27 all property taxes on or with respect to mining property, as  
28 defined in section 2855, subsection 14.

29   §2855. Definitions

30           For the purposes of this chapter, unless the context  
31 otherwise indicates, the following terms have the following  
32 meanings.

33           1. Allowable deductions. "Allowable deductions" means  
34 accruals for reclamation and restoration costs as well as  
35 accruals for post-mining costs and all those deductions  
36 allowable in computing taxable income under the code,  
37 including, without limitation: All ordinary and necessary  
38 expenses of mining and mining processes; an allowance for  
39 depreciation which may be calculated by any method allowable

1 under the code; amortization of capital costs; and an allow-  
2 ance for recovery of exploration and development costs as  
3 defined in Sections 616 and 617 of the code, whether incur-  
4 red before or after the date of enactment of this chapter;  
5 provided that the deduction for percentage depletion con-  
6 tained in Section 613 of the code and the tax provided for  
7 in this chapter shall not be allowable deductions.

8 2. The code. The "code" means the United States  
9 Internal Revenue Code of 1954, as amended, and implementing  
10 regulations thereof in effect as of December 31, 1981.

11 3. Commencement of mining. "Commencement of mining"  
12 means and shall be deemed to occur when the surface soil is  
13 broken in order to facilitate or accomplish the extraction  
14 or removal of more than 1,000 cubic yards of a mineral ore  
15 body, top soil, other solid matter or minerals naturally  
16 lying over the ore body from the earth within 12 successive  
17 calendar months, except in connection with exploratory ac-  
18 tivity; or construction or reconstruction is commenced on  
19 fixtures, buildings or surface improvements which are mining  
20 property, as defined by this chapter, whichever occurs  
21 first.

22 4. Counties likely to be affected by mining. "Counties  
23 likely to be affected by mining" are the counties in which  
24 the mines are located plus any counties whose boundaries are  
25 no greater than 20 miles by paved road from the mine sites.

26 5. Exploratory activity. "Exploratory activity" means  
27 all activities undertaken by the owner or any person for the  
28 purpose of determining the existence of minerals or the  
29 quantity, quality or character of the minerals or feasi-  
30 bility of mining those minerals. These activities include,  
31 without limitation: Testing and evaluation of the land and  
32 subsurface; taking soil and stream sediment samples; drill-  
33 ing on the land including, without limitation, bulk sample  
34 drilling or excavation, performance of geophysical tests;  
35 and activity incidental to the foregoing; notwithstanding  
36 that the activity may involve the use of equipment on the  
37 land, may alter the character and appearance of the land or  
38 result in disturbance of the land, including, without  
39 limitation, the creation of trails or roads, removal of  
40 trees, the planting of new vegetation or the marking of  
41 sample holes.

42 6. Gross income from mining. "Gross income from  
43 mining" means that amount of income attributable to a  
44 mining company from the process of extraction of minerals  
45 from the ground and the application of mining processes,



1 including mining transportation, and as further defined in  
2 the United States Internal Revenue Code of 1954, Section  
3 613, as amended, in this chapter called the code, and the  
4 implementing regulations thereof.

5 7. Installed cost of mining property. "Installed cost  
6 of mining property" means the basis under section 1012 of  
7 the code for all mining property with a useful life beyond  
8 the tax year.

9 8. Land. "Land" means real estate and all natural  
10 resources and any interest in or right involving such real  
11 estate or natural resources including, without limitation,  
12 minerals and mineral rights, timber and timber rights and  
13 water and water rights. The term "land" does not include  
14 structures constructed, placed or located within a mine site  
15 by a person or machine, such as buildings, structures, fix-  
16 tures, fences, bridges, dikes, canals or other improvements  
17 within a mine site.

18 9. Mine site. "Mine site" means the entire area  
19 owned, leased or otherwise subject to the possessory control  
20 of a mining company within which mining or the application  
21 of mining processes or activities incidental thereto, occur  
22 or may reasonably be foreseen to occur. The mine site may  
23 include, without limitation, the area occupied or to be  
24 occupied by the excavation, tailings, waste rock, or  
25 overburden storage areas, mills, pipes, canals, roads,  
26 administrative and other buildings, improvements and struc-  
27 tures appurtenant or related to any of the foregoing and  
28 rights-of-way or easements related to any of the foregoing.  
29 The mine site shall be determined taking into account all  
30 relevant information including, but not limited to, plans or  
31 permits approved under the site location of development law,  
32 Title 38, chapter 3, subchapter 1, Article 6.

33 10. Minerals. "Minerals" means all naturally-occurring  
34 metallic minerals.

35 11. Mining and mining processes. The terms "mining"  
36 and "mining processes" have the following meanings.

37 A. "Mining" and "mining processes" mean:

38 (1) The extraction of minerals from the ground;  
39 or

40 (2) Processes used in the separation or extrac-  
41 tion of the mineral or minerals from other mate-  
42 rial from the mine or other natural deposit,

1 including, but not limited to: Crushing; grinding;  
2 and beneficiation by concentration including grav-  
3 ity, flotation, amalgamation, electrostatic or  
4 magnetic; cyanidation; leaching; crystallization;  
5 or precipitation; but not including electrolytic  
6 deposition; roasting; thermal or electric smelting  
7 or refining.

8 B. Mining and mining processes do not include  
9 exploratory activity.

10 12. Mining company. "Mining company" means any person  
11 who engages in the mining or the application or mining pro-  
12 cesses of any minerals in the State and is a combination of  
13 2 or more persons or employs 2 or more employees, as defined  
14 in Title 26, section 663, subsection 3, in that mining.

15 13. Mining income. "Mining income" means gross  
16 income from mining for each mine site, reduced by allowable  
17 deductions attributable to each such mine site, whether the  
18 cost or event giving rise to the deduction occurred before  
19 or after the effective date of this chapter.

20 14. Mining property. "Mining property" means all real  
21 estate comprising the mine site and all other real estate  
22 and all tangible personal property on, under or within a  
23 mine site which is owned, leased or otherwise subject to  
24 possessory control by a mining company, exclusive of tan-  
25 gible personal property which is leased to the mining com-  
26 pany and with respect to which the lessor is subject to  
27 property taxation by a municipality in this State other than  
28 the one in which the mine site is located. It does not  
29 include those vehicles upon which state excise taxes are  
30 paid for the current registration period pursuant to Title  
31 36, chapter 111.

32 15. Municipality likely to be affected by mining. A  
33 "municipality likely to be affected by mining" is a muni-  
34 cipality identified according to the procedure set forth in  
35 section 2864, subsection 1, or a municipality which is  
36 determined to be affected after an appeal under section  
37 2864, subsection 6.

38 16. Tax year. "Tax year" means an annual accounting  
39 period ending on the last day of the month of the period  
40 used by the mining company as its taxable year for federal  
41 income tax purposes.

42 17. Termination of mining. "Termination of mining"  
43 means and shall be deemed to occur on March 31st of any year  
44 if:

1 A. The mining company has permanently abandoned mining  
2 during the previous 12 months ; or

3 B. During the previous 2 years, there has been:

4 (1) Extraction, removal or sale of less than  
5 1,000 cubic yards of a mineral ore body , top  
6 soil, other solid matter or materials nat-  
7 urally lying over the ore body from the  
8 earth; and

9 (2) No construction or reconstruction of any  
10 fixtures, buildings or surface improvements  
11 which are mining property, as defined by this  
12 chapter.

13 18. Valuation of mining property. "Valuation of  
14 mining property" means the value of all mining property  
15 excluding land on or within a mine site in an amount equal  
16 to the installed cost of the mining property in place on the  
17 last day of the tax year, which would be subject to property  
18 tax except for the exemption provided in section 2854.

19 §2856. Returns; credits; extensions

20 1. Annual return. Every mining company shall file,  
21 for each tax year with the State Tax Assessor on or before  
22 the date the mining company's federal income tax return is  
23 due to be filed, without regard to extension on the federal  
24 return, an annual return on a form specified by the State  
25 Tax Assessor, which shall provide such information for the  
26 mining company's tax year with respect to valuation of  
27 mining property, gross income from mining and allowable  
28 deductions as is required to compute the tax due under  
29 section 2857 for the tax year. The return shall indicate  
30 the tax due for the tax year computed in accordance with  
31 section 2857. The return shall also set forth all credits  
32 to which the mining company is entitled pursuant to subsec-  
33 tion 2 or section 2862. The mining company shall pay the  
34 tax due, less any credits, at the time it files its annual  
35 return.

36 2. Credits. Credits shall be allowed, and grants  
37 shall be determined as follows.

38 A. A credit against the tax imposed by this chapter  
39 shall be allowed for property taxes levied and paid in  
40 the State on property which becomes mining property  
41 after March 31st of any year. The amount of the credit  
42 shall be computed as follows: The number of days

1 remaining in the property tax year beginning with the  
2 date mining commences and the next March 31st, inclu-  
3 sive, shall be divided by 365; the percentage thus  
4 arrived at shall be multiplied by the property taxes  
5 levied and paid during that property tax year against  
6 mining property. The credit may be used in the year in  
7 which the property tax was paid or in any year there-  
8 after.

9 B. Grants may be made to the Department of Educational  
10 and Cultural Services for training as follows.

11 (1) Any mining company may make grants to the  
12 Department of Educational and Cultural Services  
13 for the purpose of establishing and carrying out  
14 training programs at vocational-technical insti-  
15 tutes in skills appropriate to mining in the  
16 State.

17 (2) Such grants accepted by the Department of  
18 Educational and Cultural Services, up to a total  
19 of \$250,000 may be used as a credit against the  
20 mineral excise tax in the year in which the grant  
21 is made or in any year thereafter.

22 3. Computation. In computing a mining company's  
23 mining income, gross income from mining and allowable deduc-  
24 tions shall be computed as if each mine were a separate tax  
25 payer.

26 A. If a sale comprising any portion of gross income  
27 from mining occurs by contract, covenant or agreement  
28 between parent and subsidiary companies, between compa-  
29 nies which are wholly or partially owned by a common  
30 parent or between companies otherwise affiliated, the  
31 State Tax Assessor may distribute, apportion or allo-  
32 cate on a reasonable basis gross income from mining,  
33 allowance deductions, credits or allowances between or  
34 among those companies, if the distribution, apportion-  
35 ment or allocation is necessary in order to prevent  
36 evasion of taxes imposed by this chapter, or to clearly  
37 reflect the mining income of any such mining company  
38 or companies.

39 4. Extensions. The State Tax Assessor may grant a  
40 reasonable extension of the time for filing a return or pay-  
41 ment of tax required by this chapter on such terms and con-  
42 ditions as he may require. In no event may the extension  
43 exceed 8 months.

1 §2857. Amount of tax

2 The amount of the annual excise tax on mining companies  
3 shall be the sum of the excise taxes due on each mine site.  
4 The excise tax due on each mine site shall be the greater of  
5 the following:

6 1. Tax on mining property. The valuation of mining  
7 property multiplied by 0.005; or

8 2. Tax on mining income. The amount of the tax on  
9 mining income is as follows.

10 A. If the amount of mining income is less than  
11 \$10,000,000, the tax due shall be the mining income  
12 multiplied by 0.04.

13 B. If the amount of mining income is equal to or  
14 greater than \$10,000,000, the tax due shall be the  
15 mining income multiplied by a percentage which is  
16 determined by multiplying 0.04 by a fraction, the  
17 numerator of which is gross income from mining, and the  
18 denominator of which is gross income from mining less  
19 mining income, reduced by federal income taxes for the  
20 tax year with respect to the mine site if it were a  
21 separate taxpayer.

22 §2858. Lien of tax

23 If the tax imposed by this chapter is not paid when  
24 due, the State Tax Assessor may file in the office of the  
25 registry of deeds of the county where the property is locat-  
26 ed with respect to real property, fixtures or other property  
27 designated in Title 11, section 9-401, subsection (1), para-  
28 graph (a), and the State Tax Assessor may file in the office  
29 of the Secretary of State with respect to all other prop-  
30 erty, a notice of lien specifying the amount of tax, penalty  
31 and interest due, the name and last known address of the  
32 taxpayer liable for the amount and the fact that the State  
33 Tax Assessor has complied with this chapter in the assess-  
34 ment of the tax. From the time of the filing of a notice of  
35 lien in a registry of deeds, the amount set forth in the  
36 notice of lien constitutes a lien upon all real property,  
37 fixtures or other property designated in Title 11, section  
38 9-401, subsection (1), paragraph (a), of the taxpayer in the  
39 county then owned by him or thereafter acquired by him in  
40 the period before the expiration of the lien. From the time  
41 of the filing of a notice of lien in the office of the  
42 Secretary of State, the amount set forth in the notice of  
43 lien constitutes a lien upon all other property in this

1 State of the taxpayer then owned by him or thereafter ac-  
2 quired by him in the period before the expiration of the  
3 lien for which an effective lien could not be recorded in a  
4 registry of deeds. In the case of any prior mortgage on any  
5 real or personal property so written as to secure a present  
6 debt and also future advances by the mortgagee to the mort-  
7 gagor, the lien provided in this section, when notice has  
8 been filed in the proper office, shall be subject to the  
9 prior mortgage, unless the State Tax Assessor also notifies  
10 the mortgagee of the recording of the lien in writing, in  
11 which case any indebtedness thereafter created from the  
12 mortgagor to the mortgagee shall be junior to the lien pro-  
13 vided in this section. The lien provided in this section  
14 has the same force, effect and priority as a judgment lien  
15 and shall continue for 5 years from the date of recording,  
16 unless sooner released or otherwise changed. The lien may,  
17 within the 5-year period or within 5 years from the date of  
18 the last extension of the lien in the manner provided by  
19 this section, be extended by filing for record in the appro-  
20 priate office a copy of the notice and from the time of that  
21 filing the lien shall be extended for 5 years, unless sooner  
22 released or discharged.

23 §2859. Release of lien

24 The State Tax Assessor shall issue to the taxpayer a  
25 certificate of release of the lien or release all or any  
26 portion of the property subject to any lien provided for in  
27 this chapter or subordinate the lien to other liens if:

28 1. Liability satisfied or unenforceable. The State  
29 Tax Assessor finds that the liability for the amount  
30 demanded, together with costs, has been satisfied or has  
31 become unenforceable by reason of lapse of time;

32 2. Bond with surety. There is furnished to the State  
33 Tax Assessor a bond with surety approved by the State Tax  
34 Assessor in a sum sufficient to equal the amount demanded,  
35 together with costs, the bond to be conditioned upon payment  
36 of any judgment rendered in proceedings regularly instituted  
37 by the State Tax Assessor to enforce collection thereof at  
38 law or of any amount agreed upon in writing by the State Tax  
39 Assessor to constitute the full amount of the liability;

40 3. State interest of no value. The State Tax Assessor  
41 determines at any time that the interest of this State in  
42 the property has no value; and

43 4. Lien on other property of taxpayer. The State Tax  
44 Assessor determines that the taxes are sufficiently secured

1 by a lien on other property of the taxpayer or that the  
2 release or subordination of the lien will not endanger or  
3 jeopardize the collection of the taxes.

4 §2860. Enforcement of lien

5 Any lien provided for by section 2858 may be enforced  
6 at any time after the tax liability with respect to which  
7 the lien arose becomes due after written notice and demand  
8 for payment of the tax liability has been made upon the  
9 mining company. Enforcement shall be by means of a civil  
10 action brought by the Attorney General in the name of the  
11 State in the Superior Court of the county in which the prop-  
12 erty is located to subject any property, of whatever nature,  
13 of the mining company, or in which he has any right, title  
14 or interest, to the payment of the tax or liability. The  
15 court shall, after the parties have been duly notified of  
16 the action, proceed to adjudicate all matters involved  
17 therein and finally determine the merits of all claims to  
18 and liens upon the property, and, in all cases where a claim  
19 or interest of the State therein is established, may decree  
20 a sale of the property, by the proper officer of the court  
21 and a distribution of the proceeds of such sale according to  
22 the findings of the court. If the property is sold to  
23 satisfy a lien held by the State, the State may bid at the  
24 sale such sum, not exceeding the amount of the lien with  
25 expenses of sale, as the State Tax Assessor directs.

26 §2861. Taxpayer not a resident

27 When notice and demand for the payment of a tax is  
28 given to a nonresident and it appears to the State Tax  
29 Assessor that it is not practicable to locate property of  
30 the taxpayer sufficient in amount to cover the amount of tax  
31 due, he shall send a copy of the notice of lien provided for  
32 in section 2858 to the taxpayer at his last known address,  
33 together with a notice that the notice of lien has been  
34 filed with the registry of deeds or the Secretary of State.  
35 Thereafter, the Attorney General, at the request of the  
36 State Tax Assessor, may institute any action or proceeding  
37 to collect or enforce the claim in any place and by any  
38 procedure that a civil judgment of a court record of this  
39 State could be collected or enforced.

40 §2862. Prepayment of taxes

41 1. Prepayment. A mining company may prepay to the  
42 State Tax Assessor at any time a portion of the taxes due  
43 under this chapter not to exceed \$250,000 in any one year or  
44 \$500,000 for any mine site.

1           2. Prepayment of taxes as a credit. If a mining com-  
2 pany prepays any portion of the taxes due under this chap-  
3 ter, it may take that prepayment as a credit against the  
4 taxes due under this chapter, in the year of payment or in  
5 any year thereafter.

6       §2863. Use of tax revenues

7           The excise tax revenues shall be used as follows.

8           1. Reimbursement. The Treasurer of State shall reim-  
9 burse each municipality 50% of the property tax revenues  
10 loss suffered by that municipality during the previous cal-  
11 endar year as a result of the exemptions established by this  
12 chapter, and by section 655, paragraph O and by section 656,  
13 paragraph B. The property tax revenue loss shall be deter-  
14 mined pursuant to the following procedure.

15           A. The State Tax Assessor shall make the following  
16 determinations:

17                   (1) The total amount of property taxes levied by  
18 the municipality in the previous calendar year;

19                   (2) The municipal valuation which resulted in  
20 subparagraph (1); and

21                   (3) The valuation of the property which is exempt  
22 as a result of this chapter.

23           B. The State Tax Assessor shall add the valuation as  
24 determined in paragraph A, subparagraph (2), to the  
25 valuation as determined in paragraph A, subparagraph  
26 (3), and divide the sum into the figure determined in  
27 paragraph A, subparagraph (1).

28                   (1) The valuation of minerals for purposes of  
29 this section shall be the gross income from mining  
30 for the tax year ending prior to April 1st of each  
31 year.

32           C. The State Tax Assessor shall apply the rate calcu-  
33 lated in paragraph B to the valuation of the exempt  
34 property to determine the amount of tax revenue loss.

35           D. The Treasurer of State shall use the excise tax  
36 revenues to pay to each municipality 50% of the tax  
37 revenue loss as determined by paragraph B. The Treas-  
38 urer of State shall pay to the municipality this 50% by  
39 February 1st of the year following the year in which  
40 property tax revenue was lost by the municipality.



1        2. Remaining funds. Except as provided in paragraph  
2 G, any amount remaining after the reimbursement prescribed  
3 in subsection 1 shall be used as follows.

4        A. In the first year following the commencement of  
5 mining, an amount equal to the taxes attributable in  
6 that year to a mine site shall be distributed as fol-  
7 lows:

8            (1) 22.5% shall be deposited in the General Fund;

9            (2) 70% shall be distributed by the Treasurer of  
10 State to municipalities likely to be affected by  
11 mining at that mine site, in accordance with  
12 section 2864; and

13            (3) 7.5% shall be distributed by the Treasurer of  
14 State to the counties likely to be affected by  
15 mining at that mine site, in accordance with  
16 section 2864.

17        B. In the 2nd year following the commencement of  
18 mining, an amount equal to the taxes attributable in  
19 that year to a mine site shall be distributed as fol-  
20 lows:

21            (1) 22.5% shall be deposited in the General Fund;

22            (2) 10% shall be deposited in the Maine Mining  
23 Trust Fund established by Title 5, chapter 18;

24            (3) 60% shall be distributed to municipalities  
25 likely to be affected by mining at that mine site;  
26 and

27            (4) 7.5% shall be distributed to the counties  
28 likely to be affected by mining at that mine site.

29        C. In the 3rd year following the commencement of  
30 mining, an amount equal to the taxes attributable in  
31 that year to a mine site shall be distributed as fol-  
32 lows:

33            (1) 25% shall be deposited in the General Fund;

34            (2) 20% shall be deposited in the Maine Mining  
35 Trust Fund;

36            (3) 50% shall be distributed to municipalities  
37 likely to be affected by mining at that mine site;  
38 and

1           (4) 5% shall be distributed to the counties  
2           likely to be affected by mining at that mine site.

3           D. In the 4th year following the commencement of  
4           mining, an amount equal to the taxes attributable in  
5           that year to a mine site shall be distributed as fol-  
6           lows:

7                   (1) 25% shall be deposited in the General Fund;

8                   (2) 30% shall be deposited in the Maine Mining  
9                   Trust Fund;

10                  (3) 40% shall be distributed to municipalities  
11                  likely to be affected by mining at that mine site;  
12                  and

13                  (4) 5% shall be distributed to the counties  
14                  likely to be affected by mining at that mine site.

15           E. In the 5th year following the commencement of  
16           mining, an amount equal to the taxes attributable in  
17           that year to a mine site shall be distributed as fol-  
18           lows:

19                   (1) 25% shall be deposited in the General Fund;

20                   (2) 40% shall be deposited in the Maine Mining  
21                   Trust Fund;

22                  (3) 30% shall be distributed to the municipali-  
23                  ties likely to be affected by mining at that mine  
24                  site; and

25                  (4) 5% shall be distributed to the counties  
26                  likely to be affected by mining at that mine site.

27           F. In the years following the 5th year after the com-  
28           mencement of mining, any mineral excise tax revenues  
29           attributable to a mine site and not paid by the Treas-  
30           urer of State to municipalities or counties likely to  
31           be affected by mining at that mine site for bond repay-  
32           ment under section 2865 shall be distributed as fol-  
33           lows:

34                   (1) 30% to the General Fund;

35                   (2) 60% to the Maine Mining Trust Fund; and

36                   (3) 10% to municipalities likely to be affected  
37                   by mining at that mine site.

1 G. If, prior to the commencement of extraction of min-  
2 erals for sale, a mining company ceases construction of  
3 a mine site, any taxes due during the period of con-  
4 struction cessation shall be distributed according to  
5 the most recently applicable provision of this subsection.  
6

7 H. Any amounts paid in accordance with section 2862  
8 and which are in excess of the amounts due under  
9 section 2857 in each year shall be distributed as fol-  
10 lows:

11 (1) 90% to municipalities likely to be affected  
12 by mining at the mine site at which excess pay-  
13 ments were received; and

14 (2) 10% to counties likely to be affected by  
15 mining at the mine site from which excess payments  
16 were received.

17 §2864. Distribution of revenues to municipalities and coun-  
18 ties likely to be affected by mining

19 1. Identification of eligible municipalities. Prior  
20 to the commencement of each fiscal year, the State Tax  
21 Assessor will identify those municipalities likely to be  
22 affected by mining and provide the Treasurer of State with  
23 a list of those municipalities. In making the determina-  
24 tion, the State Tax Assessor will utilize the method set  
25 forth in paragraphs A and B.

26 A. As used in this section, unless the context other-  
27 wise indicates, the following terms have the following  
28 meanings.

29 (1) The "population" of each municipality will be  
30 determined from the United States Decennial Cen-  
31 sus, the United States quinquennial census or the  
32 intercensal estimates issued by the Department of  
33 Human Services, whichever provides data for the  
34 most recent year.

35 (2) Two municipalities are "contiguous" only if  
36 one can pass directly by paved highway from one to  
37 the other without passing through a 3rd municipal-  
38 ity or unorganized territory.

39 (3) The municipality in which a mine site is  
40 located is the "first zone." If a mine site  
41 extends across the boundaries of 2 or more munic-

1 ipalities, the first zone shall include all such  
2 municipalities. If a mine site is within the  
3 unorganized territory, the municipality which is  
4 closest to the mine site shall be the first zone.

5 (4) The municipalities which are contiguous to  
6 the first zone shall be the "2nd zone."

7 (5) "Subsequent zone" means municipalities which  
8 are contiguous to the next innermost zone.

9 (6) "Presumed effect" is a mathematical expres-  
10 sion of the proportion of the population in each  
11 zone weighted by proximity to a mine site.

12 B. The method of calculating a municipality's share of  
13 funds shall be as follows.

14 (1) The population of each zone shall be calcu-  
15 lated by summing the populations for all munici-  
16 palities within the zone for which population data  
17 is available.

18 (2) In the first year after the commencement of  
19 mining and in all years following the 5th year  
20 after the commencement of extraction of minerals  
21 for sale, the proportion of presumed effect  
22 occurring in each zone is determined as follows.

23 (a) The proportion of presumed effects  
24 occurring in the first zone is the dividend  
25 of a fraction whose numerator is the popu-  
26 lation of the first zone and whose denomina-  
27 tor is the sum of the population of the first  
28 zone and the 2nd zone.

29 (b) The proportion of the presumed effects  
30 occurring in a given zone beyond the first  
31 zone shall be calculated by taking the  
32 remainder of the product of the results of  
33 calculations indicated by subdivisions (i),  
34 (ii) and (iii), when subtracted from the  
35 product of the calculations indicated by sub-  
36 divisions (iv) and (v).

37 (i) The population in the next outer-  
38 most zone from the zone whose presumed  
39 effects are being calculated is to be  
40 divided by the sum of the population for  
41 each zone from the next outermost zone  
42 inward to the first zone.

1                   (ii) The population in the zone whose  
2 presumed effects are being estimated is  
3 to be divided by the sum of the popu-  
4 lation in all zones from the zone whose  
5 presumed effects are being calculated  
6 inward to the first zone.

7                   (iii) The population in each zone  
8 inward from the zone whose presumed  
9 effects are being estimated is to be  
10 divided by the sum of the population  
11 from that zone inward to the first zone;  
12 this calculation is performed for each  
13 zone inward from the zone whose effects  
14 are being estimated to the first zone.

15                  (iv) The population in the zone whose  
16 presumed effects are being estimated is  
17 to be divided by the sum of the popu-  
18 lation in all zones from the zone whose  
19 presumed effects are being calculated  
20 inward to the first zone.

21                  (v) The population in each zone inward  
22 from the zone whose presumed effects are  
23 being estimated is to be divided by the  
24 sum of the population from that zone  
25 inward to the first zone; this calcula-  
26 tion is performed for each zone inward  
27 from the zone whose effects are being  
28 estimated to the first zone.

29                  (3) Beginning in the 2nd year after a mine is  
30 opened and continuing to the 5th year after the  
31 commencement of extraction of minerals for sale,  
32 whenever revised population data are available at  
33 the time when these calculations are to be made,  
34 the proportion of presumed effects in the first  
35 zone and each zone is determined as follows.

36                  (a) The proportion of presumed effects in  
37 the first zone is calculated by dividing the  
38 product of the square of the population in  
39 the first zone in the year for which the most  
40 recent data is available and the population  
41 in the 2nd zone in the year preceding the  
42 year for which the most recent data is avail-  
43 able by the product of the population of the  
44 first zone in the year preceding the year for  
45 which the most recent data is available, the

1 population in the 2nd zone in the year for  
2 which the most recent data is available, and  
3 the sum of the population of the first zone  
4 and the population of the 2nd zone in the  
5 year for which the most recent data is avail-  
6 able.

7 (b) The proportion of presumed effects in  
8 each zone is calculated as the product of:

9 (i) The result of the calculation indi-  
10 cated by subparagraph 2, division (b);  
11 and

12 (ii) The product of the population in  
13 the zone for which the presumed effects  
14 are being estimated in the period for  
15 which the most recent data is available  
16 divided by the population in that zone  
17 in the period preceding the year for  
18 which the most recent data is available,  
19 and the population in the next outermost  
20 zone in the year preceding that in which  
21 the most recent data is available  
22 divided by the population in the next  
23 outermost zone in the year for which the  
24 most recent data is available.

25 2. Distribution of revenues among municipalities. The  
26 Treasurer of State shall distribute the funds authorized  
27 under section 2863 to the municipalities likely to be  
28 affected by mining on the basis of each town's share of pre-  
29 sumed effects of the mine. This share is calculated as the  
30 product of each municipality's share, expressed as a per-  
31 cent, of the population in the zone in which it is located,  
32 and the share of each zone, expressed as a percent, of all  
33 zones which account for at least 90% of the total presumed  
34 effect.

35 A. In calculating that portion of the presumed effect  
36 which accounts for 90% of the total presumed effect,  
37 numbers may be rounded to the nearest 1/100.

38 B. Any portion of funds not accounted for by the por-  
39 tion of presumed effects of all zones which account for  
40 at least 90% of the total presumed effect shall be dis-  
41 tributed equally among all eligible municipalities.

42 3. Distribution of funds to counties likely to be  
43 affected by mining. Funds to be distributed among counties

1 likely to be affected by mining shall be divided evenly  
2 among all counties.

3 4. Data and calculations to be made public; com-  
4 ments. The State Tax Assessor shall make public the data  
5 and calculations made under this section and shall provide  
6 at least 30 days for comments prior to submitting the list  
7 of municipalities to the Treasurer of State.

8 5. Use of funds. Municipalities and counties may use  
9 funds under section 2863 to provide public facilities and  
10 services required by mining activity.

11 6. Appeals. A municipality which has been determined  
12 to be unlikely to be affected by mining may appeal this  
13 determination to the Administrative Court established by  
14 Title 4, chapter 25. In making its appeal, the municipality  
15 must show by a preponderance of evidence that impacts are  
16 occurring or will occur.

17 A. A municipality which is determined to be likely to  
18 be affected under this subsection shall receive funds  
19 in the proportion of that municipality's population to  
20 the population of all the municipalities in the outer-  
21 most zone as defined in subsection 1, paragraph A,  
22 subparagraph (5).

23 7. Reporting. Municipalities and counties which  
24 receive funds under this section shall report annually to  
25 the Treasurer of State the uses and expenditure of funds.

26 §2865. Refund

27 If the State Tax Assessor determines, upon written  
28 application by a mining company or during the course of an  
29 audit, that any tax has been paid erroneously or illegally  
30 or computed incorrectly, he shall certify to the State Con-  
31 troller the amount in excess of that legally due, from whom  
32 it was collected or by whom paid, and that amount shall be  
33 credited by the State Tax Assessor on any taxes then due  
34 from the mining company and the balance shall be refunded to  
35 the mining company, or its successors, administrators,  
36 executors, or assigns. No credit may be allowed unless a  
37 written petition therefor, stating the ground upon which  
38 refund is claimed, is filed with the State Tax Assessor or  
39 the overpayment is discovered in an audit within 3 years of  
40 the date of overpayment. The State Tax Assessor shall have  
41 the right to cancel or abate any tax which has been ille-  
42 gally levied.

1     §2866. Withdrawal of land from the tree growth tax law

2             For purposes of the definition of "forest land" set  
3 forth in section 573, subsection 3 and of determining the  
4 applicability of the tree growth tax law provided in sub-  
5 chapter II-A, land which would otherwise be included within  
6 the definition of "forest land" shall not be excluded by  
7 reason of any exploratory activity, as defined in section  
8 2855, subsection 15, taking place on that land, whether  
9 before or after the effective date of this chapter and the  
10 land shall continue to qualify as "forest land" within the  
11 meaning of the definition and for purposes of the tree  
12 growth tax law until the commencement of mining, as defined  
13 in section 2855, subsection 8 whereupon such land shall no  
14 longer qualify as forest land.

15     §2867. Rules

16             The State Tax Assessor may promulgate rules to adminis-  
17 ter this chapter.

18   STATEMENT OF FACT

19             This bill is a redraft of L. D. 1621, submitted to the  
20 First Regular Session of the 110th Legislature. References  
21 to modifications, deletions and additions in this bill refer  
22 to changes made from L. D. 1621.

23             Section 1 of the bill establishes the Maine Excise Tax  
24 Mining Trust Fund. Among other things, section 1 does the  
25 following:

- 26             1. Establishes a mining excise tax trust fund;
- 27             2. Deletes the provisions for grants to municipalities  
28 and instead inserts a provision permitting the prepayment of  
29 taxes for local government impact assistance;
- 30             3. Creates a 5-member board of trustees.
- 31             4. Establishes the powers and duties of the board.  
32 The board is authorized to act in its own capacity or may  
33 transfer responsibility to state agencies or institutions of  
34 higher education in carrying out its purposes. A majority  
35 of the board is required to make decisions. The board is  
36 required to consult with state agencies in making its deci-  
37 sions, and to prepare a biennial report of its activities to  
38 the Governor and Legislature. The board is authorized to  
39 direct that any unused funds be reinvested. For administra-



1 tive purposes, the board is housed in the Department of Con-  
2 servation, and one position is authorized to support the  
3 board; and

4 5. Identifies the permissible uses of trust fund  
5 moneys. Such uses are limited to the purchase and devel-  
6 opment of land for parks and recreation uses, the purchase  
7 of wildlife habitat and unique natural areas and the resto-  
8 ration of lakes, rivers and streams.

9 Funds available for these purposes are the income  
10 earned by the trust fund and up to 10% of the principal of  
11 the trust fund in any one year. The principal may only be  
12 used if the Governor consents.

13 Sections 2 and 3 of the bill now provide for an exemp-  
14 tion for minerals from real and personal property taxes  
15 whether or not they are being mined, to clarify that the tax  
16 contained in this bill is the only tax to be applied to  
17 metallic mineral deposits.

18 Section 4 of this bill establishes the mineral excise  
19 tax, and the formulas for its determination, collection and  
20 redistribution.

21 Proposed sections 2851, 2852 and 2853 of Title 36, have  
22 been slightly modified from the previous bill for editorial  
23 purposes.

24 Proposed section 2855 of Title 36, changes several def-  
25 initions found in the original bill. The changes are as  
26 follows.

27 Mining income. "Mining income" is defined as federal  
28 taxable income, but without deductions for percentage deple-  
29 tion or deduction of the mineral excise tax. This is now  
30 the base for the variable portion of the tax.

31 Gross income from mining. This definition substitutes  
32 for "gross proceeds" in the original. This definition  
33 incorporates by reference the definition of gross income  
34 from mining found in the United States Internal Revenue  
35 Code.

36 Allowable deductions. Deductions allowed from gross  
37 income to calculate mining income are all usual business  
38 expenses allowed in calculating federal taxable income, an  
39 allowance for depreciation, and amortization of  
40 non-depreciable development and exploration expenditures.  
41 These are also defined by reference to the United States

1 Internal Revenue Code. Funds set aside for future reclama-  
2 tion are also allowed as deductions.

3 Tax year. The firm's federal income "tax year" is now  
4 the period over which the tax is calculated, rather than the  
5 calendar year.

6 Mine site. The definition of "mine site" is amended to  
7 permit reference to plans or permits approved by the Board  
8 of Environmental Protection under the Site Location of Devel-  
9 opment Law.

10 Minerals. The word "ore" is dropped from the defini-  
11 tion so as not to limit the term to metallic minerals in  
12 their ore state.

13 Mining and mining processes. The definition is changed  
14 to be consistent with the United States Internal Revenue  
15 Code definitions. The definitions of the commencement and  
16 ending of mining are slightly modified to clarify the condi-  
17 tions under which mining is determined to begin and end and  
18 made separate definitional sections.

19 Installed cost. The term "installed cost" replaces the  
20 term "purchase price" as the basis of valuation; it is de-  
21 fined by reference to the United States Internal Revenue  
22 Code.

23 Valuation of mine property. The definition now fixes  
24 the value on the last day of the tax year.

25 Municipality likely to be affected by mining. This  
26 definition is included for purposes of the revenue sharing  
27 provision established in section 2864. The definition  
28 refers to the formula in that section.

29 Counties likely to be affected by mining. This defini-  
30 tion is for the same purpose as Title 36, section 2855, sub-  
31 section 13. Counties likely to be affected are defined as  
32 the county in which a mine is located, plus any county whose  
33 boundary is not greater than 20 miles from the mine.

34 Exploratory activity. This subsection is added to de-  
35 fine exploratory activity as the activities normally engaged  
36 in to discover and test the quality and quantity of mineral  
37 deposits.

38 The definition of mineral products is deleted, since it  
39 is no longer needed.

1 In proposed Title 36, section 2856, quarterly returns  
2 are eliminated; companies will only be required to file  
3 annual returns. The credit for any property taxes paid is  
4 unchanged. A new credit for contributions of up to \$250,000  
5 towards the development of training programs at  
6 vocational-technical institutes in skills relevant to mining  
7 is established. Provision is also made in this section for  
8 the State Tax Assessor to determine the distribution of  
9 income and deductions in the case of non-arms length trans-  
10 actions in the sale of minerals.

11 Proposed Title 36, section 2857, sets the excise tax  
12 rate on mine property at 5 mills. The rate on mining  
13 income is set at 4% on amounts less than \$10,000,000. On  
14 amounts above \$10,000,000, the rate is determined by multi-  
15 plying 4% by an adjustment factor which is gross income from  
16 each mine site divided by gross income less mining income:

$$\frac{\text{Gross}}{\text{Gross} - (\text{Mining Income} - \text{Federal Income Taxes})}$$

17  
18  
19 This formula increases the rate as the mining company's  
20 profitability increases.

21 Proposed Title 36, section 2862, of allows companies to  
22 prepay up to \$250,000 in any one year, or a total of  
23 \$500,000, of the excise tax. This will allow funds to be  
24 distributed to municipalities and counties in the construc-  
25 tion period of a mine, when the regular tax revenues will be  
26 low, but the effects on the local governments will be great-  
27 est.

28 The company is allowed to credit the prepayments  
29 against the mining excise tax.

30 Proposed Title 36, section 2863, slightly modifies the  
31 original version for clarification. A definition of the  
32 value of minerals as equal to gross income from mining is  
33 included for purposes of determining the valuation of min-  
34 erals in calculating reimbursement to towns. This defini-  
35 tion provides a practical means of assessing the value of  
36 minerals and avoids the difficulties encountered in attempt-  
37 ing to assess the value of minerals still in the ground.

38 A subsection is added which distributes the taxes due  
39 each year and any prepayments among the General Fund, the  
40 trust fund and the local governments. Local governments are  
41 allocated a declining share of the revenues over the first 5  
42 years of a mine, since this is when impacts are likely to be  
43 the greatest. A small 10% of the funds are provided to com-

1 munities after year 5. The distribution of revenues is as  
2 follows:

3 Taxes due and paid in each year:

4	Year	1	2	3	4	5	6+
5	General Fund	22.5%	22.5	25	25	25	30
6	Trust Fund	0	10	20	30	40	60
7	Municipalities	70	60	50	40	30	10
8	Counties	7.5	7.5	5	5	5	0

9 Any funds prepaid by the mining company:

10	Municipalities	90%
11	Counties	10%

12 Proposed Title 36, section 2864, defines the procedure  
13 for determining the distribution of revenues to the counties  
14 and municipalities. The funds are distributed to municipal-  
15 ities through formulas which take into account population of  
16 municipalities, population changes after the beginning of  
17 mining and the distance from a municipality to the mine. In  
18 the first year, the formulas provide the greatest portion of  
19 funds to municipalities with the greatest population which  
20 are closest to the mine. After the first year, the formulas  
21 adjust the distribution to account for actual population  
22 changes in the period between the 2nd year and the 3rd year  
23 after the beginning of extraction of minerals. This is the  
24 period when population changes resulting from mining are the  
25 greatest, and so adjustments for those changes are incorpo-  
26 rated in the formulas. After the 3rd year following begin-  
27 ning of extraction of minerals, the formula for in the first  
28 year is again used.

29 The formulas divide communities into a first zone,  
30 which is the municipality in which a mine is located or the  
31 nearest municipality to the mine, and zones of contiguous  
32 municipalities around the first zone. Contiguous in this  
33 case means "bordering on." A municipality's share of funds  
34 is determined first by determining the population of the  
35 zone of that municipality weighted by distance from the  
36 mine. This weighted population figure is called the "pre-  
37 sumed effect" since it represents the idea that the effects  
38 of mining on a municipality will tend to be in proportion to  
39 that municipality's population and the distance to the mine.  
40 The precise share of funds for each municipality is then  
41 calculated by determining that municipality's share of the  
42 population of the zone in which it is located.

1 The formulas, expressed in mathematical terms, are as  
 2 follows:

3 A. The formula for calculating the share of the first  
 4 zone in the first year and in the years following the  
 5 3rd year after the beginning of actual mining is:

$$6 \quad \quad \quad P$$

$$7 \quad \quad \quad 1$$

$$8 \quad E = \frac{P_1}{P_1 + P_2}$$

$$9 \quad 1 \quad \quad 1 \quad 2$$

$$10$$

11 Where:

12 E1 = The portion of the presumed effect in the first  
 13 zone (denoted by the subscript "1").

14 P1 = The population of the first zone.

15 P2 = The population of the 2nd zone.

16 B. The formula for determining the share of funds going  
 17 to each of the other zones in the same period as in A,  
 18 up to the zone which accounts for 90% of the presumed  
 19 effect is:

$$20 \quad \quad \quad P \quad \quad \quad P$$

$$21 \quad \quad \quad z+1 \quad \quad \quad z+2$$

$$22 \quad E = \sum_i \left| \frac{P_{z+1}}{P_i} \right| - \sum_i \left| \frac{P_{z+2}}{P_i} \right|$$

$$23 \quad z \quad \quad \quad \Sigma \quad P \quad \quad \quad \Sigma \quad P$$

$$24 \quad \quad \quad i=1 \quad i \quad \quad \quad i=1 \quad i$$

$$25$$

26 Where:

27 Ez = The portion of presumed effect in a given zone  
 28 (denoted by the subscript "z").

29 Pz+1 and Pz+2 are the populations of the next outermost  
 30 zone and the 2nd outermost zone from the zone being  
 31 calculated.

32  $\sum_{i=1}^{z+1} P_i$  is the sum of the populations of each zone from  
 33 the first zone outward to zone z+1.  
 34

35  $\sum_{i=1}^{z+2} P_i$  is the same as above, except it extends to the  
 36 2nd outermost zone from the zone being  
 37

1 estimated.

2  
3 The symbol  $\sum_{i=1}^{z+1} P_i$  (capital "Sigma") is a mathematical  
4 term which means "take the sum of all those numbers denoted  
5 by subscripts from 1 to z+1."  
6

7 The symbol  $\prod_i$  (capital "Pi") is a mathematical term  
8 which means "take the product of all those numbers  
9 denoted with subscript i."

10 C. The formula for determining the share of the first  
11 zone beginning in the 2nd year (when population changes  
12 from the mine have begun) and extending for  
13 the period until 3 years after the commencement of sale  
14 of minerals (the point at which population changes will  
15 generally be minimal) is:

$$E_1 = \frac{P(1)(t) \cdot P(1)(t-1)}{P(1)(t-1) \cdot P(2)(t) + P(1)(t) \cdot P(2)(t)}$$

21 Where:

22  $E_1$  = The presumed effect in the first zone.

23  $P(1)(t)$  = The population of the first zone in the  
24 year for which calculation is being made.

25  $P(1)(t-1)$  = The population of the first zone in the  
26 previous year.

27  $P(2)(t)$  and  $P(2)(t-1)$  are the same as the above 2  
28 terms, except for the 2nd zone.

29 D. The formula for all subsequent zones for the same  
30 period as in C is:

$$E_z = \sum_i \left[ \frac{P(z+1)(t)}{\sum_{i=1}^{z+1} P(i)(t)} - \sum_i \frac{P(z+2)(t)}{\sum_{i=1}^{z+2} P(i)(t)} \right]$$

$$\text{times} \left[ \frac{P(z)(t)}{P(z)(t-1)} - \frac{P(z+1)(t-1)}{P(z+1)(t)} \right]$$

Where the terms are as indicated in B and C.

A review period of 30 days is required during which time the results of these calculations are made available for comment. An appeal to the Administrative Court is also authorized for any town not included by the formula but which can show that it will be affected by mining.

If more than one county receives funds, they will split the funds equally.

An annual reporting of expenditures is required of towns and counties that receive funds.

Proposed Title 36, section 2865, is added to be consistent with other provisions of the Maine tax law which allow for refunds in the event of errors.

Proposed Title 36, section 2866, of clarifies the point at which a mine is removed from the provisions of the tree growth tax, by fixing the point at which the use of the land changes as the opening of the mine, as defined in the bill.

Sections 5 and 6 in the original bill are no longer needed.

No mines subject to this tax are expected to begin construction during the current biennium. The earliest a mine could begin is approximately 1983. Revenues from the tax would depend on the value of mine property in a given year, and the level of mining income, which is primarily determined by the price of metals sold.