

## Investment and Capital Stock Division **Mining Activity 1998 Supplement** Annual Survey on Mineral Exploration, Deposit Appraisal, mine Complex Development, Capital and Repair Expenditures

*Target date for receipt: Please return before March 15, 1999* 

FO	RM	AM8	

Confidential when completed

Si vous préférez ce questionnaire en français veuillez cocher ou téléphoner

 $\odot$ 

Activity - Location:	Mail Contact Name:
	Title:
	c/o:
	Address:
_egal Name of Operation:	postal(ZIP) code:
	– Type of Ownership:
	<ul> <li>(Instruction A in Reporting Guide)</li> <li>Please report expenditures for the period January 1 to December 31,</li> </ul>
	1998. If this is not possible, please indicate the period covered.
Business Name:	
	Month Year Month Year
	CONFIDENTIALITY:
	<ul> <li>"Statistics Canada is prohibited by law from publishing any statistic which would divulge information obtained from this survey that relates to</li> </ul>
Геlephone Contact Name:	<ul> <li>any identifiable business/institution/individual without the previou written consent of that business/institution/individual. The data reporter</li> </ul>
Felephone ( ) - Ext.	on this questionnaire will be treated in confidence, used for statistic purposes and totals published in a format that safeguards confidentiali
	as required by the Statistics Act. The confidentiality provisions of the Statistics Act are not affected by either the Access to Information Act of
Number: ()	any other Legislation".
AUTHORITY:	FOR STATISTICS CANADA USE ONLY
This survey is conducted jointly under the authority of the Statistics Act Chapter S19, Revised Statutes of Canada 1985, the Department of	f
Energy, Mines and Resources Act, and the appropriate Mining and/or Statistics Act of the Provinces. Survey results are thus shared with the	
following agencies and the use of the data governed by these acts.	H.R'd SMO V. BK.F. Corr. A. TICS CANADA AND THE FOLLOWING FEDERAL AND PROVINCIA
DEPARTMENTS MENTIONED BELOW.	
DEPARTMENTS MENTIONED BELOW.	
	AIRE CONSULT THE REPORTING GUIDE
TO COMPLETE THE QUESTIONN	2. CHANGE OF OWNERSHIP:
TO COMPLETE THE QUESTIONNA • JOINT VENTURES: * (See Reporting Guide, General Instructions 2)	<ul><li>2. CHANGE OF OWNERSHIP:</li><li>(a) Did any change of ownership occur during 1998?</li></ul>
TO COMPLETE THE QUESTIONN/ • JOINT VENTURES: * (See Reporting Guide, General Instructions 2) (a) Are you reporting for a joint venture?	2. CHANGE OF OWNERSHIP:
TO COMPLETE THE QUESTIONN/         • JOINT VENTURES: *         (See Reporting Guide, General Instructions 2)         (a) Are you reporting for a joint venture?         1       Yes       2         No	<ul><li>2. CHANGE OF OWNERSHIP:</li><li>(a) Did any change of ownership occur during 1998?</li></ul>
TO COMPLETE THE QUESTIONN/ • JOINT VENTURES: * (See Reporting Guide, General Instructions 2) (a) Are you reporting for a joint venture?	<ul> <li>2. CHANGE OF OWNERSHIP:</li> <li>(a) Did any change of ownership occur during 1998?</li> <li>1</li></ul>
TO COMPLETE THE QUESTIONN/         • JOINT VENTURES: *         (See Reporting Guide, General Instructions 2)         (a) Are you reporting for a joint venture?         1       Yes       2         No         (b) If yes, are you reporting for the entire venture?	<ul> <li>2. CHANGE OF OWNERSHIP:</li> <li>(a) Did any change of ownership occur during 1998?</li> <li>1 Yes 2 No</li> <li>(b) If sold during 1998, give name and address of present owner</li> </ul>
TO COMPLETE THE QUESTIONN/         • JOINT VENTURES: *         (See Reporting Guide, General Instructions 2)         (a) Are you reporting for a joint venture?         1       Yes         2       No         (b) If yes, are you reporting for the entire venture?         1       Yes         2       No         (c) List other participants and their share of venture.	<ul> <li>2. CHANGE OF OWNERSHIP: <ul> <li>(a) Did any change of ownership occur during 1998?</li> <li>1 Yes</li> <li>2 No</li> </ul> </li> <li>(b) If sold during 1998, give name and address of present owner <ul> <li>Name:</li></ul></li></ul>
TO COMPLETE THE QUESTIONN/         JOINT VENTURES: *         (See Reporting Guide, General Instructions 2)         (a) Are you reporting for a joint venture?         1       Yes       2         No         (b) If yes, are you reporting for the entire venture?         1       Yes       2         No       (c) List other participants and their share of venture.	<ul> <li>2. CHANGE OF OWNERSHIP: <ul> <li>(a) Did any change of ownership occur during 1998?</li> <li>1 Yes</li> <li>2 No</li> </ul> </li> <li>(b) If sold during 1998, give name and address of present owner <ul> <li>Name:</li> <li>Address:</li> <li>(c) If purchased during 1998, give name and address of previous owner</li> </ul> </li> </ul>
<b>TO COMPLETE THE QUESTIONN/ JOINT VENTURES:</b> *         (See Reporting Guide, General Instructions 2)         (a) Are you reporting for a joint venture?         1       Yes         2       No         (b) If yes, are you reporting for the entire venture?         1       Yes         2       No         (c) List other participants and their share of venture.	<ul> <li>2. CHANGE OF OWNERSHIP: <ul> <li>(a) Did any change of ownership occur during 1998?</li> <li>1 Yes 2 No</li> </ul> </li> <li>(b) If sold during 1998, give name and address of present owner <ul> <li>Name:</li></ul></li></ul>
I. JOINT VENTURES: *         (See Reporting Guide, General Instructions 2)         (a) Are you reporting for a joint venture?         1       Yes         2       No         (b) If yes, are you reporting for the entire venture?         1       Yes         2       No         (c) List other participants and their share of venture.	<ul> <li>2. CHANGE OF OWNERSHIP: <ul> <li>(a) Did any change of ownership occur during 1998?</li> <li>1 Yes 2 No</li> </ul> </li> <li>(b) If sold during 1998, give name and address of present owner <ul> <li>Name:</li></ul></li></ul>
DOINT VENTURES: * (See Reporting Guide, General Instructions 2) (a) Are you reporting for a joint venture?     1	2. CHANGE OF OWNERSHIP:         (a) Did any change of ownership occur during 1998?         1       Yes       2       No         (b) If sold during 1998, give name and address of present owner         Name:
<b>TO COMPLETE THE QUESTIONN/</b> • JOINT VENTURES: *         (See Reporting Guide, General Instructions 2)         (a) Are you reporting for a joint venture?         1       Yes         2       No         (b) If yes, are you reporting for the entire venture?         1       Yes         2       No         (c) List other participants and their share of venture.	2. CHANGE OF OWNERSHIP:         (a) Did any change of ownership occur during 1998?         1       ☐ Yes       2       ☐ No         (b) If sold during 1998, give name and address of present owner         Name:
TO COMPLETE THE QUESTIONN     JOINT VENTURES: * (See Reporting Guide, General Instructions 2) (a) Are you reporting for a joint venture?     1	2. CHANGE OF OWNERSHIP:         (a) Did any change of ownership occur during 1998?         1       Yes       2       No         (b) If sold during 1998, give name and address of present owner         Name:

SECTION 1: EXPLORATION, DE COMPLEX EXPENI	EPOSIT APPRAIS DITURES, 1998	AL F	AND MINE	s in Can	adian Dolla		TALIZE	D AND/OR E	XPEN	ISED)
	EXPLORATIO	N /	AND DEPOSIT	APPRA	AISAL - OFF	MINE SIT	E			
Property and/or area	Field expenditures on all physical work and surveys*		Mineral lease rental and other land costs*	admi and over	enditures on nistration general rhead in e field*	Head o expens provinc whic operatior being rep	e in e for h ns are	Totals		
(1)	\$ (2)		\$ (3)		\$ (4)	\$ (5)		\$ (6)		
1.1			(*)		( )					
									-	
	125 **	126	5	127		128		129 <b>BOX</b>	A	
1.2 TOTALS										
	EXPLORATIO	)N .	AND DEPOSIT	i APPR/	AISAL - ON		=			
Property and/or area	Field expenditures on all physical work and surveys*		Mineral lease ren and othe land cost	ital er	c admini and g overh	ditures on stration eneral ead in field*	e pr ope	ead office xpense in ovince for which erations are ng reported*		Totals
(1)	\$ (2)		\$ (3)			\$ 4)		\$ (5)	<b> </b>	\$ (6)
1.3									134 140	
									146	
	154	**	155		156		157		152 158	BOX B
									-	
1.4 TOTALS										
		Min	NE COMPLEX	DEVEL					1	
Property and/or area	Field expenditures on all physical work and surveys*		Mineral lease ren and othe land cost	ital er	c admini and g overh	ditures on stration eneral ead in field*	e pr ope	ead office xpense in ovince for which erations are ng reported*		Totals
(1)	\$ (2)		\$ (3)		: (*	\$ 4)		\$ (5)		\$ (6)
1.5									163 169	
									175	
									181	
1.6 TOTALS	183	**	184		185		186		187	BOXC

ACTUAL 1928         Data decis         Data decis         Data decis         Trail Capital Benerations of Used to	SECT	TION 2: CAPITA	AL AND REPAIR EXP	PENDITURES *							
Best Propring All prove & a and // Prove & a and // B         Total Dial Sectors In Canada In					ACTU	AL 1998		-			
Cube days d (m) m (control       (m) m (control)       (m) m (control	6										
Column (1)         S	0	Guide page 4									
L         Info         JOCCONSCISSOOD         JOCCONSCISSOOD <thjocconscissood< th=""> <thjocconscissood< th=""> <thj< td=""><td></td><td>0</td><td>\$</td><td></td><td>\$</td><td></td><td></td><td></td><td></td></thj<></thjocconscissood<></thjocconscissood<>		0	\$		\$						
2.2       Production of the series of the ser			188	XXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
NON-AGSIDENTIAL CONSTRUCTION"         21       0001-5599       NON-AGSIDENTIAL CONSTRUCTION"         201       10       112       113       114       117       118         201       202       210       214       205       204       205         203       1       206       210       211       212       206         203       1       206       217       219       221       223       224       205         203       1       205       223       224       225       226       226         203       1       205       223       224       226       233       226       233         204       1       274       275       274       275       274       275       274       275         21       1       272       273       275       274       275       274       275         24       10       272       273       273       274       275       274       275         24       475       10       472       275       274       275       275         24       470       470       470       470 <td></td> <td></td> <td></td> <td></td> <td><u> </u></td> <td></td> <td><u> </u></td> <td>XXXXXXX</td> <td>XXXXXXXXXXXXXX</td>					<u> </u>		<u> </u>	XXXXXXX	XXXXXXXXXXXXXX		
21       2001 - 599       1001 - 100         211       10       15       16       107       108         211       202       202       202       204       208       201         211       202       202       202       204       209       201         213       214       202       203       211       212       211       212         213       214       213       214       225       209       210       211       212         226       11       200       231       232       203       231       232       203       231         226       11       201       217       236       202       231       232       203       201         237       244       244       246       246       247       203       201       201         241       12       244       245       246       267       203       201       203       201       203       201       203       201       201       201       201       201       201       201       201       201       201       201       201       201       201       201	Н							XXXXXX	××××××××××××××××××××××××××××××××××××××		
201       202       203       204       205         208       211       212       211       212         215       1       200       211       212         216       1       210       217       218       219         216       1       220       221       211       212       213         216       1       230       231       222       233       236         223       1       244       245       246       247         236       1       251       228       253       241         237       238       259       261       261       261         241       253       259       267       283       251       251         25       700       250       269       267       283       271       275       273         25       700       264       1       264       1       264       267       283       271       275       275         26       600       601       1000       2000       401       402       401       422       431         26       600       401 <td< td=""><td>2.3</td><td></td><td></td><td>N</td><td>ION-RESIDENTIA</td><td></td><td>TION *</td><td></td><td></td></td<>	2.3			N	ION-RESIDENTIA		TION *				
28       200       210       211       212         216       216       217       218       219         212       1       216       217       218       219         213       223       223       224       225       228         214       230       231       232       233       240         243       1       224       226       233       240         244       244       245       244       247       244         250       218       223       244       245       244         264       265       246       247       255       256         271       216       272       273       274       275       276         271       270       270       273       274       275       276       278         25       6001       203       400       401       402       403       403         275       778       278       278       278       278       278         26       6001       401       402       403       403       403         274       427       428       427 </td <td>194</td> <td></td> <td>195</td> <td>196</td> <td></td> <td>197</td> <td></td> <td>198</td> <td></td>	194		195	196		197		198			
213       214       217       218       219         222       233       223       224       225       233         239       230       251       222       233         230       244       245       244       247         230       244       245       244       247         230       251       222       233       244         231       251       222       233       244         240       244       245       244       247         250       251       252       253       254         251       252       253       254       254         251       252       253       254       254         261       252       277       274       275         271       272       274       275       274       275         274       275       274       275       274       273       274         280       000       401       402       401       402       401       402         401       403       404       405       401       401       401       401         4	201		202	203		204		205			
22       1       23       224       225       228         239       1       230       231       232       233         246       237       238       239       241         247       244       245       246       247         250       1       251       252       253       254         257       1       258       256       260       261         264       1       266       267       278       277         274       272       273       274       275       278         276       271       278       274       275       278         276       270       278       274       275       278         25       6001 - 500       500       401       402       401       402         41       413       414       416       416       416       416         410       413       414       416       416       416       416         411       420       423       430       437       444       445       444         411       413       414       416       416       416 <td>208</td> <td></td> <td>209</td> <td>210</td> <td></td> <td>211</td> <td></td> <td>212</td> <td></td>	208		209	210		211		212			
23       230       231       232       233         238       237       238       239       240         241       257       238       239       240         250       1       251       252       253       254         257       256       257       268       257       268         257       256       257       268       257       268         271       252       255       256       257       268         271       272       273       274       275       276         274       275       273       274       275       277         275       277       278       276       277       278         276       270       273       274       275       277         276       277       278       278       278       278         276       277       278       278       278       278         276       277       278       278       278       279         278       279       277       478       471       471       472         279       420       421       423<	215		216	217		218		219			
230       1       237       238       239       240         240       244       245       246       247         250       1       251       252       253       254         257       1       258       259       260       261         264       1       266       266       267       288         271       1       272       273       274       275         264       1       272       273       274       275         274       274       275       274       275       276         255       6001 - 6999       MACHNERY AND COUPLENT.       BOX D →       277       278         25       6001 - 6999       MACHNERY AND COUPLENT.       402       403       401       402         405       1       406       407       408       403       401       402         405       1       406       407       408       403       404       405         410       411       412       413       414       415       416       416         411       422       423       444       445       455       461       <	222		223	224		225		226			
243       1       244       246       246       247         250       1       251       252       253       254         277       1       285       266       267       268         271       1       285       266       267       268         271       1       272       273       274       275         Colspan="2">Colspan="2"         Colspan="2">Colspan="2">Colspan="2">Colspan="2"         Colspan="2">Colspan="2"         Colspan="2"         Colspan="2" <td <="" colspan="2" td=""><td>229</td><td></td><td>230</td><td>231</td><td></td><td>232</td><td></td><td>233</td><td></td></td>	<td>229</td> <td></td> <td>230</td> <td>231</td> <td></td> <td>232</td> <td></td> <td>233</td> <td></td>		229		230	231		232		233	
250       1       251       252       253       254         267       1       268       259       260       261         264       1       255       266       267       288         271       1       272       273       274       275         24 TOTAL NOR-RESIDENTAL CONSTRUCTON- The total of box D Buold equal the total of SECTION D LINE 18.1.1       BOX D $\longrightarrow$ 778       ••••••••••••••••••••••••••••••••••••	236		237	238		239		240			
257       1       256       259       260       261         284       1       255       266       257       288         271       1       272       273       274       275         277       276       278       277       288         271       1       277       278       276         276       276       000       000       000       000       000         255       6001 - 599       MACHINEY AND EQUIPMENT       800 ± 400       401       402         405       1       406       407       408       409       401       402         406       1       406       407       408       409       401       402         411       413       414       415       416       419       422       423         420       421       422       443       444       444       444       444         471       446       443       455       458       451       458         464       455       458       456       457       458       463         473       476       477       473       473 <td< td=""><td>243</td><td></td><td>244</td><td>245</td><td></td><td>246</td><td></td><td>247</td><td></td></td<>	243		244	245		246		247			
294       1       265       266       267       288         271       1       272       273       274       275         Content of the Natural Resources Canada form EX3         Restance Canada form EX3         Restance Canada form EX3         Sector Content of the Natural Resources Canada form EX3         AC         "Codes         MACHINERY AND EQUIPMENT         Antion Code Sector Content of the Natural Resources Canada form EX3         Antion Code Sector Content of the Natural Resources Canada form EX3         Antion Code Sector Code Code Sector Content of the Natural Resources Canada form EX3         Antion Code Sector Code Code Sector Code Code Code Code Code Code Code Code	250		251	252		253		254			
271       272       273       274       275         271       274       275       273       274       275         271       The bidge factor 5 bidge canada form EX3.       BOX D       273       273         25       6001-8999       MACHINERY AND EQUIPMENT*       BOX D       402         388       1       0       403       403       403       409         412       1       413       414       415       416       419         420       421       422       423       423       424       444         431       414       415       416       444       445         440       441       442       443       444       445       444         441       446       445       444       445       444       445       444       445       444       445       444       445       444       445       444       445       446       465       465       466       466       466       466       466       466       466       466       466       466       466       466       466       466       466       466       466       466       466	257		258	259		260		261			
2.4 TO TAL NON-RESIDENTIAL CONSTRUCTON- column 3 of the Natural Resources Canada form EX3.       2778         2.5       e001-9399       MACHINERY AND EQUIPMENT*         388       389       400       401       402         405       406       407       408       409         412       413       414       415       416         419       420       421       422       423         426       427       428       429       430         433       434       435       438       437         440       441       442       443       444         447       448       449       450       451         454       485       456       457       453         454       485       466       457       453         461       462       463       464       465         475       483       484       489       500       451         475       476       477       478       479       452         464       463       466       466       466       466         475       476       477       478       479       471 <td< td=""><td>264</td><td></td><td>265</td><td>266</td><td></td><td>267</td><td></td><td>268</td><td></td></td<>	264		265	266		267		268			
The total of box 0 should equal the total of SECTION D LINE 18.1.1       BOX D         2.5       column 3 of the Natural Resources Canada from EX3         388       I       399       400       401       402         405       I       406       407       406       407       406       409         411       413       414       415       416       416         412       I       420       421       422       423         426       I       427       428       429       430         433       I       434       435       436       437         440       I       441       442       443       444         472       I       448       449       450       451         454       I       455       456       457       458         461       I       462       463       464       465       466         463       I       464       463       464       465       466         469       I       463       477       478       479       462         461       I       462       463       464	271		272	273		274		275			
**Codes 001 - 8999         **MACHINERY AND EQUIPMENT*           388         398         400         401         402           405         1         408         400         401         402           405         1         408         407         408         409           412         1         413         414         415         416           419         1         420         421         422         423           426         1         427         428         429         430           433         1         434         435         436         437           440         1         441         442         443         444           441         442         443         444         445           441         445         449         450         451         456           451         1         455         456         457         458         456           461         1         462         463         464         465         466           462         1         476         477         478         479         477           422         1 <t< td=""><td></td><td></td><td>The total of box D sho</td><td>ould equal the total of</td><td>SECTION D LINE</td><td>18.1.1</td><td>BOX D —</td><td>278</td><td>•</td></t<>			The total of box D sho	ould equal the total of	SECTION D LINE	18.1.1	BOX D —	278	•		
399         400         401         402           405         406         407         408         409           412         413         414         415         416           419         413         414         415         416           419         422         423         424         422         423           426         427         428         429         430         431           431         434         435         436         437         444           440         441         442         443         444         444           441         442         443         444         444         444         444           447         448         449         450         451         455         456         457         458         451           454         1         455         456         457         458         451         452         463         464         465           468         469         470         471         472         473         473         482         463         464         465         466         463         464         465         466	0.5		column 8 of the Natur	al Resources Carlada			I <b>T</b> *				
405       406       407       408       409         412       413       414       415       416         419       420       421       422       423         426       427       428       429       430         433       434       435       438       437         440       441       442       443       444         447       441       442       443       444         447       448       449       450       451         454       455       456       457       458         461       462       463       464       465         468       469       470       471       472         475       478       477       478       479         482       483       484       495       486         489       549       505       506       507         510       511       512       513       514         Contract work evand work evand the other of SECTION D LINE 18.12       BOX E →         Contract work evand work evand the other of SECTION D LINE 18.12       639         Contoth work endown			399	400	MACHINERTA			402			
1       1       11       11       11       11         412       1       413       414       415       416         419       1       420       421       422       423         426       1       427       428       429       430         433       1       434       435       436       437         440       1       441       442       443       444         447       1       448       449       450       451         454       1       455       456       457       458         461       462       463       464       465       465         468       469       470       471       472       473       479         482       1       483       484       485       486       486         488       1       490       491       492       493       500       507         510       1       511       512       513       514       514       514         2.6       TOTAL MACHINERY AND EQUIPMENT The totrail deb	405										
10       10       10       10       10       10         410       10       420       421       422       423         426       1       427       428       429       430         433       1       434       435       436       437         440       1       441       442       443       444         447       1       448       449       450       451         454       1       455       456       457       458         461       462       463       464       465       466         468       1       469       470       471       472       473         475       1       476       477       478       479       486         489       1       490       491       492       493       500       507         510       511       512       513       514       517       •         2.6       TOTAL MACHINERY AND EQUIPMENT To the Natural Resources Canada form EX3       Machinery & Equipment (2)       638       .00       639       .00         503       1       514       512       513       514				-				416			
26       1       427       428       429       430         433       434       435       436       437         440       434       435       436       437         440       441       442       443       444         447       448       449       450       451         454       465       466       457       458         461       462       463       464       465         468       469       470       471       472         475       476       477       478       479         482       483       484       485       486         489       490       491       492       493         499       500       506       507       511         511       512       513       514       514         52       511       512       513       514         53       0       504       505       506       507         511       512       513       514       512       513       514         2.7       TOTAL MACHINERY AND EQUIPMENT The total of DECONTON D LINE 18.12       Machinery & Contraction								423			
33       434       435       436       437         440       441       442       443       444         447       448       449       450       451         454       455       456       457       458         461       462       463       464       465         468       469       470       471       472         475       476       477       478       479         482       483       484       485       486         489       490       491       492       493         496       497       498       499       500         503       504       505       506       507         511       512       513       514       514         514       514       514       514       514         510       511       512       513       514         511       512       513       514       514         514       514       514       514       514         511       512       513       514       514         514       514       514       514       51								430			
440       441       442       443       444         447       448       449       450       451         454       455       456       457       458         461       462       463       464       465         468       469       477       478       479         475       476       477       478       479         482       483       484       485       486         489       490       491       492       493         496       497       498       499       500         503       504       505       506       507         510       511       512       513       514         Contract MACHINERY AND EQUIPMENT rolumn 8 of the Natural Resources Canada form EX3.         Non-Residential Construction (1)       Machinery & Equipment (2)         638				-							
447       1       448       449       450       451         454       455       456       457       458         461       462       463       464       465         468       469       470       471       472         475       476       477       478       479         462       483       484       485       486         489       490       491       492       493         496       497       498       499       500         503       504       505       506       507         510       511       512       513       514         Column 8 of the Natural Resources Canada form EX3         Non-Residential Construction (1)       Machinery & Equipment (2)         638       0.00       639       0.00         Box 638 and 639 should equal HNE 18.2.1 and UNE 18.2.2 column 8 of the Natural Resources       643 south         1       you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages       New (1)       Used Assets (2)       Renovation (3)         2.8       Non-Residential Construction       640       641       642       645											
454       1       455       456       457       458         461       462       463       464       465         468       469       470       471       472         475       476       477       478       479         482       483       484       485       486         489       1       490       491       492       493         496       499       500       500       500       500         503       504       505       506       507       511         510       511       512       513       514       517       •         Column 8 of the Natural Resources Canada form EX3.         Non-Residential Construction (1)       Machinery & Equipment (2)         2.7       TOTAL NON-CAPITALIZED REPAIR AND       638       0       639       .00         Sort 638 and 630 should equal LINE 18,2.2 and the Natural Resources       Non-Residential Construction (3)       .00       639       .00         2.7       TOTAL NON-CAPITALIZED REPAIR AND       638 and 630 should equal LINE 18,2.1 and LINE 18,2.1 and LINE 18,2.1 and LINE 18,2.2 and LINE 18,2.2 and LINE 18,2.1 and LINE 18,2.2 and LINE 18,2.1 and LINE 18,2.1 and LINE 18,2.2 and LINE 18,2.1 and LINE 18,2.1 and LINE 18,2.1											
461       462       463       464       465         468       469       470       471       472         475       469       470       471       472         475       476       477       478       479         482       483       484       485       486         489       480       491       492       493         496       497       498       499       500         503       504       505       506       507         510       511       512       513       514         Construction ND LINE 18.1.2       BOX E $\rightarrow$ Construction (1)       Equipment (2)         2.7       TOTAL MACHINERY AND EQUIPMENT The total of box E should equal the total of SECTION D LINE 18.1.2       BOX E $\rightarrow$ 7       •       638       .00       639       .00       639       .00         80x E 2 0 clumn 8 of the Natural Resources Canada form EX3.       638       .00       639       .00         1f you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages       New (1)       Used Assets (2)       Renovation (3)       Renovation (3)			-	-				458			
Image: Construction (1)         Construction (1)         Construction (1)         Construction (1)           468         469         470         471         472           475         476         477         478         479           482         483         484         485         486           489         490         491         492         493           496         497         498         499         500           503         504         505         506         507           510         511         512         513         514           2.6 TOTAL MACHINERY AND EQUIPMENT The total of box E should equal the total of SECTION D LINE 18.1.2         BOX E         517           2.7 TOTAL NON-CAPITALIZED REPAIR AND MAINTENANCE EXPENDITURES'         638         00         639         00           Box 638 and 639 and 639 and 649 and LINE 18.2.1 and UNE 18.2.2 column 8 of the Natural Resources         643         00         639         00           If you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages         New (1)         Used Assets (2)         Renovation (3)         100%           2.8 Non-Residential Construction         640         641         642         4645								465			
475       1       476       477       478       479         482       483       484       485       486         489       490       491       492       493         496       497       498       499       500         503       504       505       506       507         510       511       512       513       514         Column 8 of the Natural Resources Canada form EX3         Non-Residential Construction (1)       Equipment (2)         Column 8 of the Natural Resources Canada form EX3         If you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages (1)       New (1)       Used Assets (2)       Renovation (3)         2.8       Non-Residential Construction       640       641       642       %       100%         2.9       Machinery and Equipment       643       %       644       %       645       %       100%         2.10       What were the expenditures on items for building and other construction and for machinery, equipment and tools that were construction and for machinery, equipment and tools that were construction and for machinery, equipment and tools that were construction and for machinery, equipment and tools that were construction and for machinery, equipme	468										
482       1       483       484       485       486         489       490       491       492       493         496       1       497       498       499       500         503       504       505       506       507         510       1       511       512       513       514         Column 8 of the Natural Resources Canada form EX3.         Non-Residential Construction (1)         Requipment (2)         639       .00         639       .00         639       .00         Should equal the total of SECTION D LINE 18.1.2         BOX E —         517         •       Construction (1)       Equipment (2)         638       .00       639       .00         639       .00       639       .00       639       .00         16       you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E below.       New (1)       Used Assets (2)       Renovation (3)       .00         2.8       Non-Residential Construction       640       %       644       %       645       %       100%         2.9	475										
489       490       491       492       493         486       497       498       492       493         496       497       498       499       500         503       504       505       506       507         510       511       512       513       514         Column 8 of the Natural Resources Canada form EX3.         Non-Residential Construction (1)         Column 8 of the Natural Resources Canada form EX3.         Non-Residential Construction (1)         Column 8 of the Natural Resources Canada form EX3.         Non-Residential Construction (1)         Column 8 of the Natural Resources Canada form EX3.         Non-Residential Construction (1)         Column 8 of the Natural Resources Canada form EX3.         Non-Residential Construction (2)         Colspan= 639 should equal LINE 18.2.1 and LINE 18.2.2 column 8 of the Natural Resources Canada form EX3.         If you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages       New (1)       Used Assets (2)       Renovation (3)         2.8 Non-Residential Construction       640       641       642       9       100%       <			-								
496       497       498       499       500         503       504       505       506       507         510       511       512       513       514         2.6 TOTAL MACHINERY AND EQUIPMENT The total of box E should equal the total of SECTION D LINE 18.1.2       BOX E       517         2.6 TOTAL MACHINERY AND EQUIPMENT The total of box E should equal the total of SECTION D LINE 18.1.2       BOX E       517         2.7 TOTAL NON-CAPITALIZED REPAIR AND MAINTENANCE EXPENDITURES*       Non-Residential Construction (1)       Machinery & Equipment (2)         2.7 TOTAL NON-CAPITALIZED REPAIR AND more charge state data form EX3       639       .00         Box 638 and 639 should equal LINE 18.2.1 and LINE 18.2.2 column 8 of the Natural Resources       639       .00         Box 638 and 639 should equal LINE 18.2.1 and LINE 18.2.2 column 8 of the Natural Resources       .00         If you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages       New (1)       Used Assets (2)       Renovation (3)         2.8 Non-Residential Construction       640       %       644       %       644       %         2.9 Machinery and Equipment       643       %       644       %       645       %       100%         2.10 What were the expenditures on items for building and oth				-							
503       504       505       506       507         510       511       512       513       514         2.6 TOTAL MACHINERY AND EQUIPMENT The total of box E should equal the total of SECTION D LINE 18.1.2       BOX E       517         Column 8 of the Natural Resources Canada form EX3.         Non-Residential Construction (1)       Machinery & Equipment (2)         2.7       TOTAL NON-CAPITALIZED REPAIR AND MAINTENANCE EXPENDITURES*       638       .00       639       .00         Box 638 and 639 should equal LINE 18.2.2 column 8 of the Natural Resources Canada form EX3.       Box 638 and 639 should equal LINE 18.2.1 and LINE 18.2.2 column 8 of the Natural Resources       641       642       %       100%         2.8 Non-Residential Construction       640       %       641       %       642       %       100%         2.8 Non-Residential Construction       643       %       644       %       644       %       645       %       100%         2.10 What were the expenditures on items for building and other construction and for machinery, equipment and tools that were charged to current expenses rather Machinery caltailized as part of construction and for machinery, equipment and tools that were charged to current expenses rather Machinery caltailized as part of construction       Machinery & Construction       Machinery & Construction	496		497	498							
510       511       512       513       514         2.6       TOTAL MACHINERY AND EQUIPMENT The total of box E should equal the total of SECTION D LINE 18.1.2 column 8 of the Natural Resources Canada form EX3.       BOX E       517         2.7       TOTAL NON-CAPITALIZED REPAIR AND MAINTENANCE EXPENDITURES*.       Non-Residential Construction (1)       Machinery & Equipment (2)         2.7       TOTAL NON-CAPITALIZED REPAIR AND MAINTENANCE EXPENDITURES*.       638       .00       639       .00         Box 638 and 639 should equal LINE 18.2.1 and LINE 18.2.2 column 8 of the Natural Resources Canada form EX3.       If you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages       New (1)       Used Assets (2)       Renovation (3)         2.8       Non-Residential Construction       640       641       642       100%         2.9       Machinery and Equipment       643       644       %       645       %         2.10       What were the expenditures on items for building and other construction and for machinery, equipment and tools that were charged to current expenses rather Machinery capitalized as part of construction       Machinery as Equipment 684       685	503										
2.6 TOTAL MACHINERY AND EQUIPMENT The total of box E should equal the total of SECTION D LINE 18.1.2       BOX E       517         2.7 TOTAL NON-CAPITALIZED REPAIR AND MAINTENANCE EXPENDITURES*       Non-Residential Construction (1)       Machinery & Equipment (2)         2.7 TOTAL NON-CAPITALIZED REPAIR AND MAINTENANCE EXPENDITURES*       638       .00       639       .00         Box 638 and 639 should equal LINE 18.2.1 and UNE 18.2.2 column 8 of the Natural Resources       638       .00       639       .00         If you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages       New (1)       Used Assets (2)       Renovation (3)       100%         2.8 Non-Residential Construction       640       %       644       645       %       100%         2.9 Machinery and Equipment       643       %       644       645       %       100%         2.10 What were the expenditures on items for building and other construction and for machinery, equipment and tools that were charged to current expenses rather Machinery capitalized as part of 694       Machinery & Construction       Machinery & Equipment       645       645	510										
The total of box E should equal the total of SECTION D LINE 18.1.2       BOX E			2.6 TOTAL MACHINE	RY AND EQUIPMEN	IT				•		
Construction (1)       Equipment (2)         2.7       TOTAL NON-CAPITALIZED REPAIR AND MAINTENANCE EXPENDITURES*			The total of box E sho column 8 of the Natura	uld equal the total of s al Resources Canada	form EX3.						
MAINTENANCE EXPENDITURES*       .00       .00         Box 638 and 639 should equal LINE 18.2.1 and LINE 18.2.1 and LINE 18.2.2 column 8 of the Natural Resources Canada form EX3.         If you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages (1)       New (1)       Used Assets (2)       Renovation (3)         2.8       Non-Residential Construction       640       %       641       %       642       %       100%         2.9       Machinery and Equipment       643       %       644       %       645       %       100%         2.10       What were the expenditures on items for building and other construction and for machinery, equipment and tools that were charged to current expenses rather Machinery capitalized as part of construction       Non-Residential Machinery & Equipment (684)       Non-Residential (685)									ł		
If you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages       New (1)       Used Assets (2)       Renovation (3)         2.8       Non-Residential Construction       640       641       642       %       100%         2.9       Machinery and Equipment       643       %       644       %       645       %       100%         2.10       What were the expenditures on items for building and other construction and for machinery, equipment and tools that were charged to current expenses rather Machinery capitalized as part of       Non-Residential Construction       Machinery & Equipment         684       685       685       685       685       685       685						.00		.00			
If you were not able to provide a breakdown for columns 2, 3 and 4, and if box D and/or E is greater than zero, estimate percentages       New (1)       Used Assets (2)       Renovation (3)         2.8       Non-Residential Construction       640       641       642       %       100%         2.9       Machinery and Equipment       643       %       644       %       645       %       100%         2.10       What were the expenditures on items for building and other construction and for machinery, equipment and tools that were charged to current expenses rather Machinery capitalized as part of       Non-Residential Construction       Machinery & Equipment         684       685       685       685       685       685       685					LINE 18.2 Canada fo	.2 column 8 of t orm EX3.	he Natural Resou	irces			
2.9       Machinery and Equipment       643       %       644       %       645       %       100%         2.10       What were the expenditures on items for building and other construction and for machinery, equipment and tools that were charged to current expenses rather Machinery capitalized as part of 684       Non-Residential Construction       Machinery & Equipment	for col	lumns 2, 3 and 4, eater than zero,	and if box D and/or E			d Assets	Renovat				
2.9       Machinery and Equipment       643       644       644       645       %       100%         2.10       What were the expenditures on items for building and other construction and for machinery, equipment and tools that were charged to current expenses rather Machinery capitalized as part of 684       Non-Residential Construction       Machinery & Equipment	2.8	Non-Residential C	Construction	640	<u>%</u> 641	0/	642	0/.	100%		
2.10 What were the expenditures on items for building and other construction and for machinery, equipment and tools that were charged to current expenses rather Machinery capitalized as part of 684 685	2.9	Machinery and Eq	Juipment	643	644		645		100%		
charged to current expenses rather Machinery capitalized as part of 684 685	2.10	What were the	expenditures on item		other Non-F	Residential		ry &			
		construction and charged to current fixed assets?	t expenses rather Mach	inery capitalized as p	and of	.00		.00			
** If reporting significant expenditures for other asset groups (Codes ending in 99) please describe below and/or page 6.	** If r	eporting signification	ant expenditures for o	ther asset groups ((	Codes ending in 9		ribe below and/		Page 3		

SECTION 4: DETAIL OF EXPENDITURES FOR FIXED ASSETS *				
		Residential Instruction		hinery and quipment
If percentage or expenditure is zero for a question, please check the applicable zero box		%		%
4.1 What is the percentage of <b>interest payments capitalized</b> included in Box D and Box E?	678	Zero 🗖	679	Zero 🗖
4.2 What is the percentage of Box D and Box E representing capital expenditures on assets acquired for capital (financial) lease to others?	680	Zero 🗖	681	Zero 🗖
		\$		\$
	676	Zero 🗖	677	Zero 🗖
4.3 What is the total value of your <b>work in progress</b> at year end?*				
4.4 If you are capitalizing your leased fixed assets in accordance with the Canadian Institute of Chartered Accountants recommendations, what is the total value of assets acquired through capital (financial) lease?*	682	Zero 🗖	683	Zero 🗖
				Units
4.5 If in Section 2.5 you have reported capital expenditures for assets 6401-6499 (computer assisted), please report the number of robots added*			686	Zero 🗖

SECTION 5: ANALYSIS OF CAPITAL EXPENDITURES		
	Non-Residential Construction % of Box D	Machinery and Equipment % of Box E
5.1 Capacity expansion/new mine	687	688
5.2 Replacement and/or modernization	689	690
5.3 Pollution abatement and control	691	692
5.4 Improvement to working environment (health, safety, security, etc.)	693	694
5.5 Reduction of energy costs	695	696
	697	698
5.6 Other (specify major reasons)	100%	100%

SECTION 6: CHANGES IN CAPITAL EXPENDITURES PLANS		
	Non-Residential Construction	Machinery and Equipment
	Box D	Box E
From the expenditures reported previously	Please check	appropriate box
on the Preliminary Estimates 1998	(701) 🗖	(702) 🗖
6.1 Abandoned plans (indefinitely)	(701)	(702)
6.2 Deferred plans to future year(s)	(705) 🗖	(706) 🗖
6.3 Reduced the size of the currently planned project(s)	(709) 🗖	(710) 🗖
	(713)	(714)
6.4 Expanded the size of the currently planned project(s)		-
6.5 Introduced additional project(s) into current plans	(717)	(718)
	(721) 🗖	(722 🛛
6.6 Project(s) ahead of schedule or completed		
6.7 Project(s) behind schedule	(725) 🗖	(726)
	(700)	(700)
6.8 Better information or revised reporting procedures	(729)	(730)
6.9 Other(s)	(733) 🗖	(734)
Page 4	I	5-4600-344

SALS/SALES OF FIXED ASSET		
Selling Price	Accumulated Capital Cost*	Age
\$ (2)	\$ (3)	Years (4)
735	861	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
736	737	738
NON-RE	SIDENTIAL CONSTRUCTION/MACHINE	RY AND EQUIPMENT
740	741	742
744	745	746
748	749	750
752	753	754
756	757	758
760	761	762
764	765	766
768	769	770
772	773	774
776	777	778
779	• 780	•
	Selling Price         \$         (2)         735         736         736         737         738         740         744         745         752         756         760         764         772         776	Selling Price         Accumulated Capital Cost*           \$ (2)         \$ (3)           735         861           736         737           NON-RESIDENTIAL CONSTRUCTION/MACHINEF           740         741           744         745           752         753           756         757           760         761           764         769           772         773           776         777

	100%
8.6 Other (specify major reason below)	886
8.5 Assets no longer needed (surplus)	885
8.4 Energy inefficient	884
8.3 Outdated technology	883
8.2 Damaged or destroyed	882
8.1 End of expected useful life	881
	% of Disposals/Sales Box H or I(1)

SECTION 9: CAPACITY UTILIZATION					
				%	
				849	
9.1 For 1998 this mine operated at what per	centage of its c	apacity?			
Capacity is defined as maximum production operating practices with respect to the use substitution of one product for another, use a p	of productive fa	cilities, overtime, workshifts, holidays,	etc. When any of	your facilities	
9.2 If this mine was operating at less than cap	acity during 1998	3, what is the principal reason? (Please	check the appropriat	e box)	
insufficient orders	(850)	mines shutdown (e.g. upgrading, equi	ipment failure)	8)	354) 🔲
insufficient labour available	(851)	startup of new operation		3)	355)
lack of materials or supplies	(852)	sufficient inventory on hand		(8	356)
strike or work stoppage	(853)	other reasons - specify			357) 🔲
9.3 If this mine was operating at more than ca	pacity during 199	98, what is the principal reason? (Pleas	e check the appropria	ate box)	
stronger demand for product	(858)	other reasons - specify			360)
insufficient inventory on hand	(859)				
Name of person responsable for reporting capa (print or type)	acity utilization (if	different from name on page 7)	Telephone number		
				-	
5-4600-344.1					Page 5

IF REPORTING EXPENDITUR	ES FOR OTHER ASSET GROUPS (CODE	ES ENDING IN 99) IN SECTIONS	2 AND 7 PLEASE DESCRIBE:
		AL 1998	
Asset Code	Description of Asset	Asset Code	Description of Asset
99		99	
99		99	
99		99	
999		99	
99		99	
99		99	
99		99	
99		99	
9 9		99	

COMMENTS

USE OF DATA REPORTED:

Data collected in these surveys on capital and repair expenditures is included in the publications "Private and Public Investment in Canada - Catalogue 61-205" and in "Capital Expenditures by Type of Assets - Catalogue 61-223". These publications serve analysts interested in assessing the employment potential for labour, materials and services as a result of these expenditures for additions and maintenance of fixed assets (productive capacity) in any year in each industry in each province and territory. Totals are published in a format that safeguards confidentiality as required by the Statistics Act.

## FEDERAL-PROVINCIAL AGREEMENTS TO SHARE INFORMATION:

In order to avoid duplication and ease the burden on respondents, Statistics Canada has entered into the following data sharing agreements concerning this survey:

Under section 11 of the *Statistics Act* with the statistical bureaus of Newfoundland, New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, Alberta and British Columbia. Statistics Canada only enters into section 11 agreements with provincial statistical agencies that have statistics acts similar to the federal act. These agencies have the authority to collect this information and the same provisions for confidentiality and penalties for disclosure of information as the Federal Statistics Act;

Under section 12 of the *Statistics Act* with the Newfoundland Department of Mines and Energy, the Prince Edward Island Department of the Provincial Treasury, the Nova Scotia Department of Finance, the Nova Scotia Department of Natural Resources, the New Brunswick Department of Natural Resources and Energy and Mines (be below), the Budget Planning and Economics Division of Alberta Treasury, the British Columbia Ministry of Employment and Investment, the Northwest Territories Bureau of Statistics, the Yukon Bureau of Statistics and Natural Resources Canada. The agreements we have with these agencies require that they keep the information confidential and use it only for statistical and research purposes. Under section 12, respondents may object to the sharing of their information with any of these agencies by giving notice in writing to the Chief Statistician and by returning their letter of objection along with the completed questionnaire in the enclosed envelope.

Further to the section 12 agreement with the Saskatchewan Department of Energy and Mines, Statistics Canada is collecting the information for itself pursuant to the *Statistics Act* and on behalf of the Saskatchewan Department of Energy and Mines pursuant to *The Mineral Resources Act* (Saskatchewan). In this case, respondents do not have the right to object to sharing their information since the party to the Agreement is authorized by law to require the respondent to provide the information.

Name of person responsible for this report (Print or type)	Official position	Date of this report							
				М		Y			
Business address (if different from mailing address)		Telephone number							