GM 01843-B

DIAMOND DRILL RECORD

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Énergie et Ressources naturelles
Québec

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS Quebec Mining Explorers

LEVEL
LOCATION L4 32,Sta.4 37
DATE STARTED July 1,1943
DATE COMPLETED " 14,1943

CORRECTED DIPS			
COLLAR	45*		

LATITUDE
DEPARTURE
ELEVATION
BEARING S-15*-E
LENGTH 685'

HOLE NO. S - 1
SHEET NO. 1
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
0	64.0	Casing.	
64.0	109.5	Fine-grained diorite (Microdiorite)Type E, scattered Pyrite 75.-76.0 spec.Iron Thr. at 76.6, a few feldspar phenos.	
109.5	120.2	Diorite. Type D	
120.2	130.5	Microdiorite, Type E	
130.5	138.3	Diorite (Type A ?)	
138.3	200.2	Microdiorite, Pyrite at 139.4, 143.0, 157.1, 184.6, 185.4, 187.6-188.5. Quartz Vein 167.2-167.7	
200.2	210.6	Microdiorite with phenos of albite & carbonate Porphyritic	
210.6	218.1	Diorite, Type D, Well min. 213.8-215.0, Qtz. & Pyr. thrs. at 214.3 Pyrite at 217.1	
218.1	224.2	Gnstne with small intrusions of diorite	
246.8	251.5	Microdiorite, Pyrite thrs at 247.9, 249.1	
251.5	295.5	Diorite, type D, Porphyritic 285.3-289.4	
295.5	298.2	Fine-grained dark diorite. Serpentinized,scattered fine pyrite	
298.2	301.1	Diorite, type D	
301.1	305.4	Gnstne, Scattered 2 mm, crystals of pyrite, silic. 305.0-305.4.	
305.4	320.8	Feldspar porphyry, medium-grained, sheared near contacts Well mineralized with pyrite from309, dark ground mass.	
320.8	325.6	Gnstne., porphyritic at places, pyrite thrs. at 338.9, 343.1. Coarse, pyr. at 341.7, 342.0-344.6	
325.6	341.5	Gnstne (hloritic microdiorite ?)	
341.5	354.4	Diorite, type D	
354.4	356.3	Gnstne	
356.3	361.0	Diorite, type D	
361.0	361.9	Microdiorite	
361.9	365.7	Gnstne	
365.7	445.2	Gnstne (Coarse - grained),well mineralized with pyr.& tourm.qtz. thrs 366.2-367.5, 432.2-432.9, low angle ¼" qtz str. at 416.1,scattered pyrite	
445.2	476.6	Coarse-grained feldspar porphyry,scattered, pyrite,2" qtz str.at 446.8	
476.6	481.9	Diorite, type D,scattered pyrite,well m . 478.9-479.9 Altered(Chloritic phenos)450.8 - 456.5, Pyrite at 459.7	
481.9	487.3	Gnstne.	
487.3	511.0	Diorite, tpe D,scattered pyrite, sheared 506.9-511.0.	

FOOTAGE	WIDTH DWTS.	SAMPLE NUMBER	ASSAYS % Cu.	% Zn.	ozs./ton Au.	ozs./ton Ag.	AVERAGES % Cu.	% Zn.	ozs./ton Au.	ozs./ton Ag.
110 - 117		(Alll' samples Nil, Tr or .20 DTWS).								
167 - 168	-									
185 - 190		(All 1 ' samples Nil or .20 DTWS)								
210 - 214		(All 1 ' samples Tr)								
286 - 288		(All 1 ' samples Tr.)								
295 - 299		(All 1 ' samples Nil or Tr.)								
240 - 247		(All 2-3' samples Tr. or Nil)								
214 - 216		(All 2 ' samples Nil or .20 DWTS)								
220 - 225		(All 1 ' samples Tr. or .20 DWTS)								
247 - 250		(All 1 ' samples Nil or Tr)								
305 - 306	Tr									
310 - 315		(All 1 ' samples Nil, Tr or .20 DWTS)								
338 - 345		(All 1 ' samples Nil, Tr or .20 DWTS)								
356 - 361		(All 1 ' samples Nil, Tr. or.40 DWTS)								
366 - 368		(All 1 ' samples Nil or Tr.)								
432 - 433	Tr									
425 - 447		(All 1, 2 & 3' samples Nil or Tr.)								
479 - 480	-									
510 - 511	-									

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE
Date:
No GM: 1843-B

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 1
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
511.0	516.0	Gnstne. a few qtz carb. thres.	
516.2	590.6	Gnstne. (Altered Diorite?), scattered pyrite, a few qtz-carb.thrs. at / 580.0-590.0	
590.6	594.6	Microdiorite	
594.6	603.1	Gnstne.	
603.1	612.1	Microdiorite	
612.1	643.6	Gnstne, Tourm. thrs. 617.0 -617.3, pyrite & qtz.thrs. 618.8-619.2 ½" qtz carb. str. at 638.9	
643.6	644.7	Highly silicified and well mineralized diorite; about 40% qtz.	
644.7	649.5	Microdiorite, 1" qtz-carb. str. at 648.5	
649.5	650.4	Diorite, type D	
650.4	650.9	Quartz	
650.9	656.9	Microdiorite, silicified 651.4-651.7	
656.9	659.0	Quartz	
659.0	685.0	Microdiorite, Pyrite thrs. at 663.3, 664.0 Ground core 669.0-671.3, heavy mineralization 672.5-673.1	
		End of Hole.	

FOOTAGE	WIDTH	SAMPLE NUMBER
	DWTS	
511 - 514		(All 1 ' samples Tr or .20 DWTS)
514 - 515	.40	
515 - 517		(All 1 ' samples Nil or .20 DWTS)
617 - 620		(All 1 ' samples Nil or Tr.)
638 - 639	-	
643 -644	-	
644 - 645	Tr	
648 - 649	3.20	
650 - 651	Tr	
651 - 652	2.00	
656 - 657	.20	
657 - 658	.40	
658 - 659	-	
659 - 660	Tr	
663 - 664	1.60	
664 - 665	-	
672 - 673	-	
673 - 674	-	
580 - 581	.20	
581 - 582	.40	
582 - 600		(All 1 ' samples Nil, Tr. or .20 DWTS)
645 - 656		(All 1, 2 samples Nil, Tr. or .20 DWTS)
660 - 663		(All 1 ' samples Nil or Tr.)

ASSAYS % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.	AVERAGES % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS: Quebec Mining Explorers

LEVEL

LOCATION: L 34, Sta. 48

DATE STARTED: July 15, 1943

DATE COMPLETED: " 24,1943

CORRECTED DIPS			
COLLAR	45*		

LATITUDE

DEPARTURE

ELEVATION

BEARING: N-50°-W

LENGTH: 689 '

HOLE NO.: S - 2

SHEET NO.: 1

LOGGED BY: G. Dumont (4)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
0	64.0	Casing.	
64.0	75.4	Diorite, type D. Altered, pyrite at 64.3, 69.7, 73.2.	
		Microdiorite 74.2-74.9	
75.4	81.9	Greenstone	
81.9	84.7	Microdiorite, scattered fine pyrite	
84.7	137.1	Diorite, tpe D.,qtz-pyr. thr. at 89.5,	
		coarse grained diorite 94.6-98.0, 106.1-116.5 scattered Pyrite	
		qtz-carb. thr. at 120.4,coarse pyrite at 122.6, 123.0, 123.7	
137.1	144.4	Microdiorite	
144.4	150.2	Diorite, type D	
150.2	155.8	Microdiorite, silicified & well min. 150.2-150.9	
		Low quartz thr. & pyr. 151.9-152.4,well min. at 153.2, 153.8.	
		Qtz. carb. thr. & pyr. at 153.8	
155.8	219.9	Old diorite, type A, 1" silicif. & well min. at 158.7,174.0,174.8	
		Qtz.-carb. thrs. & pyr. 185.6-187.3,qtz.& pyr. thr. at 208.2,213.3	
		Tourm. thrs. at 209.1,well min. 210.0-21018	
219.9	221.1	Quartz,Tourm. & Pyr.	
221.1	250.3	Old Diorite, type A, Qtz. thr. & Pyr. at 223.9,232.7,235.5	
		½" Low angle,qtz & Pyr. at 236.8	

FOOTAGE	WIDTH DWTS	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
64 - 65	.60									
69 - 70	.20									
73 - 75	-									
87 - 89	Tr. & Nil.									
90 - 91	Tr									
89 - 90	20.40									
91 - 92	.20									
118 -120	.20 & Tr.									
120-121	2.60									
122-123	1.40									
123- 124	.40									
150- 154		(All 1-2' samples Nil or Tr.								
158 - 159	-									
155 - 166		(Alll ' samples Nil or Tr.)								
121 - 122	-									
124 - 125	.20									
166 - 177		(All 1 ' samples Nil, Tr. or .20 DWTS)								
174 - 175	Tr.									
185 - 186	.40									
186 - 187	.60									
187 - 188	Tr.									
208 - 209	-									
209 - 210	.40									
210 - 211	.80									
213 - 214	.20									
219 - 220	Tr.									
183 - 184	.20									
184 - 185	-									
188 - 189	-									
189 - 190	-									
211 - 212	Tr									
212 - 213	-									
214 - 215	.40									

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 2
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
		Very well mineralized 236.5 - 240-0 2 " qtz str. - Pyr. at 239.1 Qtz diorite at 237.5 (blue qtz eyes)	
250.3	252.8	Ground Core, Mud, Fault ?	
252.8	259.3	Old diorite, type B silicified - Pyr. 252.5 - 252.7	
259.3	261.5	Quartz low contacts Pyrite at contacts	
261.5	264.4	Old diorite, type B well mineralized.	
264.4	265.4	Quartz Pyrite at contacts	
265.4	271.2	Old diorite , Qtz blebs 265.9 - 266-4, ½" qtz str. at 266.6 well mineralized 269.4 - 270.6	
271.2	271.7	Quartz low angle contact at 271.7	
271.7	281.9	Old diorite, type B with Pyrite scattered qtz - carb. thrs	
281.9	343.0	Old diorite, type A well mineralized 296.2 - 296.6 Pyrite at 302.5 altered with a few qtz. carb. thrs 314.6- 318.0 Qtz - carb. thrs 325.5 - 329.6 Qtz. carb. thrs - Pyr. at 332.5 Qtz - carb. bleb 334.3 - 334.6 low thr. & Pyr. 335.0 - 335.5	
343.0	346.0	Greenstone, Qtz. - carb. str. at 343.5	
346.0	371.2	Old Diorite, Type A scattered Pyrite	
371.2	372.0	Qtz, heary pyrite and silicified altered diorite	
372.0	376.7	Old Diorite well mineralized, Qtz - carb. thrs at 372.6- 373.4	
376.7	418.8	Old Diorite, scattered fine pyrite well mineralized 378.5-379.0 Qtz & Pyr. thrs. at 381.5 1" qtz, chlorite, pyr. & altered diorite at 390.2 Pyrite at 406.4 , 407.6 , 409.6 , 413.6	
418.4	419.1	Quartz, Pyrite, altered & well mineralized diorite	
419.1	489.8	Old diorite, scatterd pyr. Qtz - carb str. & Pyr. at 423.6 well mineralized 423.6 - 42422 sheared & with pyr. 427.8 -428.4 Qtz - carb thr. 437.5 , 444.3 , 445.1 Qtz - carb. thrs 445.9 - 446.5 altered & with Pyr. 451.7 - 452.1 Qtz - carb. thr. at 453.1 Pyrite at 455.1 , 457.9 ½ " qtz - carb. str. & Pyr. at 471.7 ½ " qtz str. at 477.1 Qtz - carb. thr. & Pyr. at 480.5 silicified & Epidote rich 487.6 - 48777 " " " 487.2 - 487.3 " " " 488.2 - 488.4 Thrs & Pyr. 489.0 - 489.8	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.	AVERAGES % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.
220 - 224		(All 1' Samples Nil or 20 DWTS)								
232 - 233	-									
236 - 240		(All 1' samples Trace 20, 40, 60 DWTS)								
244 - 245	.20									
252 - 253	.20									
258 - 273		(All 1' samples Nil or Tr.)								
296 - 297	.40									
302 - 303	.20									
314 - 315	-									
315 - 316	.40									
233 - 234	.40									
234 - 235	Tr									
303 - 306		(All 1' samples Tr. 40, 80, DWTS)								
316 - 317	Tr									
317 - 318	Tr									
326 - 330		(All 1' samples Nil Tr. 20, 60, DWTS)								
332 - 333	.20									
334 - 335	-									
335 - 336	-									
343 - 344	.40									
370 -379		(All 1' samples Tr. 20, 40 DWTS)								
381 - 382	.40									
390 - 391	.20									
406 - 410		(All 1' samples Nil Tr. 20 DWTS)								
413 - 414	-									
417 - 420		(All 1' samples Nil 20 DWTS)								
420 - 421	Tr.									
423 - 424	Tr									

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 2
SHEET NO. 3
LOGGED BY G.Dumont(?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
489.8	496.9	Altered, silicified & very well mineralized Diorite Qtz - carb. . thrs. & Pyr. Scattered Epidote rich & Pyr . 490.3 - 491.5 Highly silicified, & qtz strs, Pyrite 492.7 - 493.2 , 495.2 - 498.6	
496.9	555.8	Old Diorite Pyrite at 508.0 , 511.2 , 534.4 , Qtz- carb str. at 510.6 altered & with qtz - carb thrs & Pyr. 522.8, 523.4 Low qtz strs ½ " at 522.8, 523.1 well mineralized 525.0 - 526.0 Altered 528.1 - 528.6 , 547.7 - 549.4 Low qtz - carb. thr. at 548.2 , 548.5 altered and with Pyr. thrs 548.9 - 549.3	
555.8	559.4	Microdiorite (Aplite dyke)	
559.4	590.0	Old Diorite, Qtz - carb. thr. at 563.4 low thr. & Pyr. at 567.0 Qtz - carb. thr. at 573.8 silicified & altered 582.7 - 583.1 Well mineralized & 3/4"qtz str. at 583.0 Qtz str. & Pyr at 583.6 Well mineralized 586.2 - 586.9 Silicified 586.6 - 586.9	
590.0	594.4	Fine - grained, old diorite scattered Pyrite, Silicified 1" at 592.3	
594.4	597.7	Greenstone Silicified 2" at 594.8 Qtz - carb. thrs 595.4 , 595.5 , 595.6 , 595.9 Qtz - carb. thrs. 596.2 , 596.8	
597.7	604.2	Sheared & Silicified greenstone Felsitic 600.8 - 601-1 scattered fine pyrite & qtz - carb. thrs. ½ " qtz - carb str. at 599.4	
604.2	616.7	Diorite type D . Pyrite Silicified & Pyr 606.3 - 606.6 Thr. & Pyr. at 606.8 Silicified & Pyr. 608.0 - 608.4 Qtz - carb. thrs. & Pyr. at 608.6 , 608.9 , 609.6 , 609.9 , 610.9 , 612.2 , 612.6 616.4	
616.7	-619.2	Feldsp. porphyry(Porphyritic Diorite) well mineralized	
619.2	628.1	Fine - grained diorite with fine pyrite Qtz thrs. & Pyr. at 621.3 , 621.8 , 6 2.5 well mineralized 624.6 - 625.0	
628.1	629.5	Well silicified & mineralized diorite	
629.5	630.5	Diorite	
630.5	631.6	Well silicified & mineralized diorite	
631.6	642.7	Fine - grained diorite Silicified & with qtz strs. & Pyr. 637.9 - 638.3 , 642.4 - 642.7	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
424 - 425	.20									
427.- 428	.20									
428 - 429	Tr									
437 - 438	.60									
444 - 447		(All 1 ' Samples Tr. .20 DWTS)								
451 - 456		(All 1 & 2 ' samples Tr. .20 DWTS)								
457 - 458	Tr									
471 - 472	-									
477 - 478	-									
480 - 481	Tr									
487 - 499		(All 1' samples Nil Tr. .20, .40, .80 DWTS)								
522 - 526		(All 1 & 2 ' samples Nil, Tr. .20, DWTS)								
547 - 548	-									
348 - 360		(All 1' samples Nil or Tr.)								
379 - 395		(All 1 & 2 ' samples Nil, Tr. .20, 60, .80 DWTS)								
548 - 549	Tr									
549 - 550	-									
555 - 556	-									
558 - 559	-20									
559 - 560	.40									
566 - 567	.20									
567 - 568	-									
582 - 583	-									
583 - 584	-									
586 - 587	.20									
592 -600		(All 1 & 2' samples Nil Tr. .20 .40 DWTS)								

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED. DIAMOND DRILL RECORD

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

REMARKS

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 2
SHEET NO. 4
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
642.7	645.3	Greenstone	
645.3	655.8	Fine - grained diorite, scattered Pyr.	
655.8	656.8	Greenstone, silicified & qtz thrs & Pyr 656.0 - 656.4	
656.8	662.1	Diorite Silicified & Pyr. 661.7 - 662.1	
662.1.	663.5	Greenstone	
663.5	672.5	Fine grained Diorite, Silicified 664.7 - 665.4 , 666.2 -667.1 Silicified & with Pyr. 2" at 667.9 , 668.7 " " " 670.4 - 671.0 , 671.3 - 67166	
672.5	674.8	Silicified & Mineralized diorite 1" qtz - carb. str. & Coarse Pyr. at 673.6	
674.8	675.1	Gnstne.	
675.1	678.5	Fine - grained diorite. Epidote scattered	
678.5	679.8	Feldspar Porphyry 1" qtz str. & Pyr at 679.7	
679.8	688.7	Diorite , type D	
		End of the Hole	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
606 - 607	.60									
608 - 609	.20									
618 - 632		(All 1' 2' 3' samples Nil & Tr.)								
637 - 638	-									
638 - 639	-									
642 - 643	-									
450 - 451	-									
454 - 455	.20									
456 - 457	1.60									
458 - 487		(All 1' 2' samples Nil or Tr.)								
500 - 501	Tr									
656 - 657	-									
661 - 662	-									
664 - 675		(All 1' samples Nil & Tr.)								
679 - 680										
574 - 594		(All 1' 2' 3' samples Nil or Tr.)								
535 - 574		(All 1' 2' samples Nil, Tr. .20- .40- .60- 80-1.20 DWTS)								

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line #40 Sta # 50

DATE STARTED July 25, 1943

DATE COMPLETED August 12, 1943

CORRECTED DIPS			
COLLAR	↙45°		

LATITUDE

DEPARTURE

ELEVATION

BEARING N-4*-W

LENGTH 607'

HOLE NO. S - 3

SHEET NO. 1

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
0.0	84.0	Casing	
84.0	88.4	Diorite , type D (Coarsely porphyritic)- Breccia? Qtz - feldsp. & Pyrite 86.0 - 86.4 Fracture	
88.4	90.2	Greenstone . Scattered Pyrite , Pyrite at 89.8, 90.1	
90.2	93.4	Diorite, type D (Coarsely porphyritic) fine - grained & well mineralized 93.0 - 93.4	
93.4	98.0	Greenstone, Qtz - carb thrs & Ox. of iron at 93.9, 94.6, 95.8 97.3, 99.6 , 99.9 Pyrite at 95.6 , 96.2	
98.0	103.0	Fine - grained diorite Qtz - carb thrs & ox. iron at 100.0 , 100.6, 101.5 , Pyrite thrs at 10033 , 101.2 , 101.4	
103.0	114.1	Greenstone . Scattered Pyrite ½" qtz str. & Pyr. at 106.2 ½" Pyr. str. at 107.4 Coarse pyrite at 109.1 , 113.0 , 103.0 , 113.1	
114.1	116.5	Diorite, type D Silicified, altered & well min. 114.5 - 115.3	
116.6	121.0	Greenstone . Well mineralized 116.5 - 117.5 well mineralized 118.5 - 119.3	
121.0	127.6	Greenstone, coarse - grained Scattered Pyrite , Pyrite str. at 125.3 Pyrite str. at 125.9	
127.6	148.1	Diorite, type D . Pyrite Altered and very well mineralized 127.6 - 131.5 Altered 145.5 - 148.1	
148.1	160.1	Gnstne . Pyrite Highly mineralized 148.5 - 149.3 Low angle ½ qtz str. & Pyr. at 152.0 ½ " qtz str. & Pyr. at 159.8 Pyrite thrs. at 150.7, 154.3, 159.4,	
160.1	301.9	Old diorite Pyrite Silicified, altered, coarse pyr. 160.1 - 160.9 Qtz - carb. str. at 161.3 Qtz- tourm. Pyr. 163.1 - 163.5 ½" qtz str. at 166.0 1" qtz str. & Pyr. at 170.3 , 171.6 Pyrite thrs at 163.9 , 165.1 , 167.8 , 168.4 , 168.9, 170.5 174.1 , 182.9 , 186.0 , 188.3 , 189.6 , 191.1 , 193.5 , 195.1 , 196.5 , Altered at 178.0 , 182.6 - 183.0 Sil. alt. & Pyr. 197.9 - 198.3Pyrite thr. at 200.7, 201.1 Qtz & Pyr thr. at 204.9, 218.1 , 209.5 , 208.9 , 216.6 , Qtz. & Pyr. str. at 211.5, 219.0	

FOOTAGE	WIDTH	SAMPLE NUMBER
84 - 116		(All 1' samples Nil, Tr. or .20 DWTS)
116 - 147		(All 1' samples Nil, Tr. or 20 DWTS)
147 - 160		(All 1' samples Nil, Tr. or .20 DWTS)
160 - 191		(All 1' samples Nil, Tr. or .20 DWTS)
191 - 202		(All 1' samples Nil, Tr. Or .20 .40 DWTS)
204 - 232		(All 1' 2' 3' samples Nil, Tr. or .20 DWTS)
232 - 233	.40	
233 - 334	Tr.	
244 - 247		(All samples 1 ' Nil)
270 - 280		(All 1 ' samples Nil, Tr. or .20 DWTS)
288 - 291		(All 1 ' samples Nil)
307 - 308	-	
307 - 308	-	

ASSAYS % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.	AVERAGES % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 3
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
		1" chlorite at 218.9 Pyr. thr. at 224.7 , 224.9 ½" epidote & Pyr. at 223.1 , ½ " qtz & Pyrite str. at 226.6 , 227.2 , 230.7 1¼ " qtz & Pyr. str. at 232.5 Well mineralized 225.7 - 226.8 Fracture & Pyr. at 245.7 Pyr. thr. at 270.4, 276.0 , 276.8, 279.00 Sheared 289.1 - 289.7 Fine - grained from 298.0 to 301.9	
301.9	303.7	Ground Core	
303.7	342.8	Old diorite . Scattered Pyrite, Pyr. thr. at 307.6 Qtz thr. & Pyr. at 310.5 , 311.1 , 311.2 , Qtz thr. & Pyr at 320.5 Fissure at 322.6	
342.8	344.2	Feldspar Porphyry	
344.2	363.0	Old diorite . Scattered Pyrite fine - grained. Blue qtz eyes, Qtz diorite ½" qtz - tourm. & Pyr. at 344.5 Ground Core 351.1 - 352.3 Low angle ½" qtz str. at 357.0 Pyrite thrs at 355.3 , 356.6 , 358.5 359.4 Well mineralized 359.5 - 363.0	
363.0	386.5	Old diorite . Scattered Pyrite, Altered & Pyr. 2" at 364.1 Qtz & Pyr. thr. at 365.4 , 372.2 Pyr. thr. at 371.9 Qtz - carb. thr. at 378.1 Well mineralized 379.1 - 379.7 . Pyr. thr. at 380.0 , 380.4 , 381.6 , 382.3 , 384.5 , 386.1 , 386.2	
386.5	411.0	Fine - grained old diorite. Scattered Pyrite Qtz - carb. str. & Pyr 387.7 Pyr. thrs. at 388.9 , 389.6 , 389.9 , 390.3 Qtz - carb. thr. & Pyr. at 391.3 , 392.5 Pyr. thrs at 394.2 , 394.6 , 395.9 396.5 , 398.5 , 399.5 , 403.7 , 404.4 , 405.4 , 406.1 Qtz & Pyr. thrs. at 407.3 , 410.3 , 410.8	
411.0	418.5	Sheared old diorite (Chlorite schist ?) Scattered Pyrite , Qtz carb. thrs. at 411.3 , 411.5 , 411.6 , 412.3 Qtz - carb & Pyr. 413.7 - 414.0 Qtz - carb & Pyr. str. at 1" at 414.2 Qtz - carb. pyr. strs. at 414.5 , 414.6 , 414.7, 415.6 , 416.0 , 416.5 , 416.8 , 416.9 1" at 417.1	
418.5	442.3	Old diorite . Fine - grained . Pyrite Pyrite thrs. 418.1 , 418.2, 419.1 , 419.3, 420.5, 420.8 , 422.0 423.1 Mineralized 425.8 - 431.5 Well mineralized 427.5 - 428.1	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.	AVERAGES % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.
202 - 208		(All 1' & 3 ' samples Nil Tr. .40 DWTS)								
212 - 216		(All 1 ' samples Nil)								
220 - 221	-									
221 - 222	-									
235 - 238		(All 1 ' samples Nil & Tr.)								
310 - 313		(All 1 ' samples Nil & Tr.)								
320 - 321	Tr.									
322 - 323	Tr.									
342 - 346		(All 1 ' samples Nil , .20 .40 DWTS)								
354 - 373		(All 1 ' samples Nil Tr. .20 .40 .80 3.60 DWTS)								
377 - 383		(All 1 ' samples Nil & Tr.)								
383 - 400		(All 1 ' samples Nil Tr. .20 1.00 DWTS)								
403 - 411		(All 1 ' samples Nil Tr.)								
238 - 274		(All 1' 3 ' samples Nil Tr. .20 .40 .80 1.20 1.60 DWTS)								
411 - 433		(All 1 ' samples Nil , Tr. .20 .60 1.20 DWTS)								
441 - 444		(All 1 ' samples Nil .20 ~~.40~~ 1.40 DWTS)								
451 - 452	Tr.									
452 - 453	Tr.									
453 - 454	-									
459 - 460	-									
462 - 463	Tr.									
463 - 464	-									

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 3
SHEET NO. 3
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
442.3	443.1	Feldspar porphyry	
443.1	464.8	Old diorite. Fine - grained . Qtz str. at 451.5 - 453.6 Altered Pyr. 1" at 459.5 Low angle qtz. str. at462.1 Low angle qtz str. at 463.8	
464.8	466.5	Feldspar Porphyry. Pyrite	
466.5	499.8	Old diorite. Qtz thrs & qtz - carb. thrs. & Pyr. 466.7 - 469.5 Pyr. thrs. at 473.5 , 475.4 Qtz str & Pyr at 476.1 , 479.6 , 485.3 , 487.6, 488.5 , 492.9 Qtz - carb thr. & Pyr. at 477.4 , 477.5 , 479.5 , 491.3 , 492.3 , 492.4 , 493.7 , 495.4 , 496.6 , 497.3 Qtz & carb thrs & Pyr. 480.0 - 480.9 Silicified, altered & Heavy sulphides 497.5 - 498.5	
499.8	503.5	Feldspar porphyry, Qtz - cab. thrs & Pyr. 502.5 - 503.0	
503.5	516.5	Old diorite, Pyr. thr. at 503.5 , 503.9 , 508.9 , 509.8 , 511.5 513.4 , 513.9 Qtz - carb. thr. at 508.6, 510.4, 513.7 Fracture with iron ox. 510.6	
516.5	518.6	Altered & wery well mineralized diorite	
518.6	550.3	Old diorite (Dyke is more altered from 535') fine - grained 518.6 - 526.0 Pyr. thrs 520.1, 520.3 Fracture with iron ox. at 522.0 Pyr. thrs 523.1 , 523.6 Sheared 524.5 - 525.9 Pyrite at 525.6 Altered & well mineralized 528.0 - 528.5 Pyr. thr. at 527.7 , 533.0 Qtz - carb. thr. 530.3 - 533.0 Pyrite at 538.0 539.2 Pyr. thrs at 542.6 , 543.3 545.3 , 547.2 , 547.9 , 548.8	
550.3	552.8	Altered & well mineralized old diorite	
552.8	562.2	Old diorite. Pyrite. Pyr. thrs. 559.1 , 560.1 A few thrs with iron ox. at 553.9 Qtz - carb. thr. at 561.0, 562.0	
562.2	564.5	Sheared old diorite, Pyrite	
564.5	567.5	Well mineralized old diorite Qtz - carb. thrs. at 565.5, 565.9 566.7 , 567.0	
567.5	578.7	Fine - grained Feldspar Porphyry Fractures with pyr. & iron ox stain at	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.	AVERAGES % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.
464 - 470		(All 1 ' samples Nil Tr. or .20 DWTS)								
473 - 500		(All 1 ' 2 ' 2 ' samples Nil Tr. .20 DWTS)								
274 - 275	-									
280 - 288		(All 1 ' samples Nil)								
291 - 310		(All 1' 2' 3' samples Nil Tr. .20 .80 1.40 DWTS)								
313 - 319		(All 1 ' samples Nil Tr. .40 .60 DWTS)								
500 - 505		(All 1 ' samples Nil or Tr.)								
508 - 534		(All 1' samples Nil Tr. .20 .40 .60 .80 DWTS)								
537 - 571		(All 1' 2' samples Nil Tr. .20 .40 DWTS)								
319 - 342		(All 1' 2' 3' samples Nil Tr. .20 .40 DWTS)								
346 -354		(All 1' samples Nil or Tr.)								
367 - 370		(All 1' samples Nil or .20 DWTS)								

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 3
SHEET NO. 4
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		568.2 (qtz - carb thr.) 569.0, 569.9, 570.5, 571.0, 572.3, 573.1, 573.8, 574.1, 574.6, 574.8, 574.9, Scattered 375.0 - 378.7 Qtz - carb. thr. at 575.2 , 575.8		571 - 600		(All 1' sample Nil Tr. .20				.60	.80	2.00	DWTS)
				600 - 607		(All 1' samples Nil.)							
				439 - 440	Tr.								
578.7	581.7	Well mineralized & altered old diorite Massive sulpnide at 579.6, 579.8, 579.9, 580.3, 580.4 Qtz & Pyr. 580.4 - 580.7		440 - 441	-								
				444 - 451		(All 1' samples Nil Tr. or .20 DWTS)							
581.7	588.3	Altered fine- grained old diorite . A few thrs of iron ox. & Pyr. Qtz - carb. thrs. at 584.3, 584.4 Well mineralized (Pyr. thrs.) 58[illegible].0 - 585.6 Well mineralized Pyr. thrs . 587.2 - 588.0		454 - 462		(All 1' samples Nil Tr. .20				5.40	DWTS)		
				470 - 471	-								
				471 - 462	Tr.								
588.3	589.4	Diorite type D (Volcanic breccia)?		472 - 473	-								
589.4	590.4	Felsite		483 - 484	.20								
590.4	606.8	Fine - grained altered diorite . Porphyritic, fine Pyrite. Qtz - carb. thr. at 598.1		484 - 485	-								
				505 - 506	3.80								
				506 - 507	-								
				507 - 508	Tr.								
				534 - 538		(All 1' samples Nil .20 DWTS)							
				540 - 541	Tr.								
		End of Hole		541 - 542	-								

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line #52 Sta.#53+50

DATE STARTED Piping 13 to 18.8.43

DATE COMPLETED Drilling 27.8.43 to 12.9.43

CORRECTED DIPS			
COLLAR	∠45°		

LATITUDE

DEPARTURE

ELEVATION

BEARING N-3*-W

LENGTH 524'

HOLE NO. S - 4

SHEET NO. 1

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
0.0	97.0	Casing	
97.0	111.7	Fragmental Lavas, Well mineralized 100.6 - 101.1 Qtz - carb. thrs 107.3, 111.9	
111.7	141.5	Fine - grained Diorite (non - magnetic) sheared 111.7 - 112.8 Qtz - carb. thr. at 126.1	
141.5	150.6	Microdiorite,	
150.6	203.5	Old diorite . Scattered Pyr. Altered & with Pyr. 152.5 - 153.2 Core, half feldsp. Porph. & half diorite 160.0 - 162.5 Altered diorite 178.0 - 178.8 Altered diorite 180.3 - ~~178.8~~ 181.2 Qtz thr. at 181.8 Qtz - carb. thr. at 191.0 Altered 2" at 191.5 Strongly altered & Epidote rich 197.0 - 197.8	
203.5	229.0	Very fine - grained feldspar porphyry , Fracture alons the core at 203' Core in at 208'	
229.0	273.7	Old diorite, Pyrite at 233.7, 236.6 - 237.3 Fine - grained & Pyr, 235.8 - 239.6 Altered Silicified & with Pyr. & Chalc. 238.6 239.6 Ground Core 245.0 - 246.3 Fissure with sand around 260'	
273.7	277.5	Gnste or fine - grained altered old diorite.	
277.5	330.0	Old diorite Qtz - carb. thrs. at 283.4 Qtz diorite (a few blue qtz eyes) 289.6 - 291.7 Altered 306.1 - 306.7 308.4 - 308.6 Ground core 309.1 - 310-0 Fractures along the core at 282.0 288.0 326.0	
330.0	332.8	Ground Core	
332.8	333.0	Diorite	
333.0	364.5	Coarse - grained feldspar porphyry	
364.5	365.5	Altered Diorite & Quartz, Quartz 1" at 364.8, 365.0 - 365.3 Low contacts with porphyry Pyrite at contacts	
365.5	376.8	Coarse - grained feldspar porphyry sharp contacts & at right angle with core.	
376.8	382.0	Old Diorite, Well mineralized 377.8 - 379.8	
382.0	384.2	Ground core	
384.2	388.5	Old diorite, Pyrite 384.2 - 384.8	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
100 - 101	Tr.									
101 - 102	-									
110 - 111	.80									
111 - 112	Tr.									
112 - 113	-									
113 - 114	Tr.									
150 - 172		(All 1' samples Nil Tr. .20 DWTS)								
172 - 203		(All 1' samples Nil Tr. .40 DWTS)								
203 - 225		(All 1' samples Nil Tr. .20 .40 DWTS)								
300 - 309		(All 1' samples Nil Tr. .20 .40 1.40 DWTS)								
277 - 285		(All 1' samples Nil or Tr.)								
363 - 367		(All 1' samples Nil Tr. .20 DWTS)								
376 - 381		(All 1' samples Nil .20 DWTS)								
384 - 385	.20									
388 - 401		(All 1' samples Nil Tr. or .20 DWTS)								
252 - 276		(All 1' samples N Tr. .20 .40 .60 1.00 1.60 2.00 DWTS)								
276 - 277	.20									
285 - 291		(All 1' samples Nil Tr. .60 DWTS)								

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 4
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
588.5	393.5	Altered old diorite. Scattered Pyr. Qtz - carb. thr. at 388.7	
393.5	398.3	Qtz Diorite. Well mineralized 396.5, 398.3	
398.3	399.4	Vein material. Highly altered & higly mineralized diorite	
399.4	409.0	Qtz Diorite. Well mineralized 399.4 - 399.7 Qtz - carb thr. at 402.4 , 404.7, 405.1 Scattered Pyr. 405.0 - 408.6	
409.0	424.0	Old Diorite, Ground Core 411.1 - 412.0 Pyr thr. at 412.4 , 412.6 Qtz diorite 417.5 - 419.4 Pyr. thrs. at 418.5, 419.4, 421.3 421.6, 422.5	
424.5	425.5	Ground Core	
425.5	436.0	Old diorite, Pyr. thrs at 426.2, 426.9, 431.9	
436.0	439.2	Well mineralized diorite, Silicified 436.0 - 436.2	
439.2	478.3	Old diorite. Pyrite Altered & mineralized 441.4 - 441.8 mineralized 450.0 - 459.0 Qtz - carb. thr at 450.6 Pyr. thrs at 451.7, 452.6, 454.3 Silicified & Mineralized 456.7-457.0 Pyr. at 457.7, 463.4 Low angle fissure (chloritic each side) at 467.8	
478.3	479.3	Flat Qtz ~~diorite~~ chlorite carb. str. with pyrite. 1" wide.	
479.3	524.0	Old diorite ½" Flat qtz - chlorite - carb. str. with pyr. 490.4, 490.7, ¼" Flat qtz - carb. str. 495.6 - 496.3 Qtz ½ carb. thr. & Pyr. 500.7 Altered with Pyr. 3/4" at 518.1 Scattered Pyr. 519.5 - 524.0	

Hole stopped (Too much sand & cave in. Also gage too small)

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
401 - 409		(All 1' samples Nil .40 DWTS)								
412 - 413	-									
417 - 423		(All 1' samples Nil or Tr.)								
426 - 427	-									
431 - 432	.20									
435 - 436	Tr.									
436 - 443		(All 1' samples Nil or Tr.)								
450 - 458		(All 1' samples Nil 1.40 .60 .20 DWTS)								
463 - 464	Tr.									
478 - 479	-									
479 - 480	-									
490 - 491	-									
495 - 496	-									
496 - 497	-									
511 - 512	-									
515 - 520		(All 1' samples Nil Tr. .20 DWTS)								

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line # 56 Sta.# 52

DATE STARTED 19 to 26.8.43.

DATE COMPLETED 6 to 9.9.43

CORRECTED DIPS			
COLLAR	∠45°		

LATITUDE

DEPARTURE

ELEVATION

BEARING N-2*-W

LENGTH 84'

HOLE NO. S - 5

SHEET NO. 1.

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0														
0	58	Clay & Hard Pan												
58	84	Grarel & Boulders												
		no Rock												

FORM 166 54-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line # 57 Sta. # 49

DATE STARTED Sept. 10, 1943

DATE COMPLETED Sept. 24, 1943

CORRECTED DIPS			
COLLAR	∠46°		

LATITUDE

DEPARTURE

ELEVATION

BEARING .N-2*-W

LENGTH 613'

HOLE NO. S - 6

SHEET NO. 1

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
0.0	64.4	Casing.	
64.4	91.1	Old diorite 1" qtz - carb. str. at. 69.5 Fine grained from 71.8 to 91.1 (Type B) Broken core 75.0 - 77.5 Qtz thrs. st 86.3 Pyr. at thrs. 87.0 - 88.5	
91.1	93.0	Ground core	
93.0	137.6	Fine - grained old diorite (Type B) Qtz - carb. thrs at 94.4 94.8 Ground core 95.0 - 96.0 Qtz - carb thr at 97.9 , 98.0 99.5 Qtz thr. at 103.8 Altered & with a high % of magnetite (40 %) Pyrite & Chalcopyrite 114.4 -114.8 Thrs. with pyr. & chalc. 115.3 - 115.6 Qtz - Feldsp. strs. ¼" at 116.3 116.5 Qtz - Feldsp. strs. 1" at 116.7 , ½" at 116.9 " " " ¼" at 117.6 , 118.2 , 118.6 Altered 1" at 120.9, 122.3 - 122.6 Thrs & Pyr. at 123.1, 124.1 124.4	
137.6	147.5	Very fine ½ grained chloritic diorite (Greenstone?) Scattered fine - pyrite ¼" qtz-carb. str. at 147.0	
147.5	155.5	Sheared greenstone. Scatterd fine pyrite. Pyrite at 149.2	
155.5	160.9	Old diorite. Qtz - feldsp. & pyr. thr. at 156.4, 158.8 - 159.3 Mineralized 159.5 - 160.5	
160.9	177.6	Greenstone. Altered & with coarse pyr. 176.8 - 177.6	
177.6	178.0	Aplite & a little pyrite	
178.0	224.5	Old diorite ½" qtz str. at. 185.5 Pyr. thr. at 189.4 Scattered fine pyr. 189.4 - 191.2 Fine pyr. 205.0 - 206.0 Qtz - feldsp. str. at 212.1 - 212.6, at 224.1 Pyr. thr. at 221.6 Altered & coarse - grained diorite 223.2 - 224.5	
224.5	227.1	Greenstone (Altered diorite) With epidote & pyrite 226.9-227.1	
227.1	230.7	Fine - grained diortie. Porphyritic, Phenos of albite Sheared 230.4 - 230.7	
230.7	231.0	Old diorite	
231.0	248.8	Yellowish green to Pink material. Fine grained Mixture of aplite,	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS ozs./ton Au.	ASSAYS ozs./ton Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES ozs./ton Au.	AVERAGES ozs./ton Ag.
69 - 70	-									
75 - 105		(All 1' samples Nil Tr. .20 .40 DWTS)								
105 - 136		(All 1' samples Nil Tr. .20 DWTS)								
136 - 154		(All 1' samples Nil Tr. .20 .40 DWTS)								
154 - 177		(All 1' samples Nil Tr. .20 .40 .80 DWTS)								
177 - 208		(All 1' samples Nil Tr. .20 .40 .60 1.00 1.40 3.20 DWTS)								
208 - 239		(All 1' samples Nil Tr. .20 DWTS)								
239 - 270		(All 1' samples Nil Tr. .20 DWTS)								

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 6
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
		svenite, epidote & diorite Scattered fine pyrite.	
248.8	271.0	Greenstone. Scattered pyrite	
271.0	300.7	Coarse - grained feldspar porphyry Scattered pyrite thrs A few blue qtz eyes 271.0 - 275.0 Ground core 296.3 - 297.3	
300.7	309.2	Greenstone. Ground core 304.0 - 305.0 Feldsp. porphyry 307.4 308.0	
309.2	313.8	Feldspar porphyry . Half greenstone & half porphyry 310.7 - 311.1 Altered & brick red color 311.8 - 312.6	
313.8	318.7	Greenstone . A few feldspar phenos. Pyr. thrs at 316.0 Qtz - carb. thr. at 316.4	
318.8	329.9	Coarse - grained feldspar porphyry. Scattered pyr. & Pyr. thrs to 325.0 Low an le contact at 329.9 Brick red stain 326.9 327.9 Coarse pyr. at 327.9	
329.9	336.9	Greenstone. Pyr. thr. at 331.1 Pyr. at 331.8 ½" low angle qtz str. at 332.3 Scattered pyr. 335.1 - 335.8	
336.9	340.0	Altered feldspar porphyry . Pitted core & qtz fragments 336.9 - 337.5 Ground core 337.5 - 338.8	
340.0	355.5	Greenstone . 1" qtz - carb. str. at 340.8 1" " " & pyr. at 343.0 Scattered qtz carb. thrs 348.4 - 350.6 Pyr at 350.9 Pyr thrs at 351.2 Thrs. & Pyr. 35311 - 353.3 Pyr. 354.7 - 355.5	
355.5	402.5	Coarse - grained feldspar porphyry. Well mineralized 355.5 - 359.5 ½" qtz str. & Pyr. at 358.8 Fractures with pyr. at : 361.8, 363.2, 364.1, 364.8, 365.9, 370.1, 370.5, 371.0, 371.3, 371.6, 371.7, ½" at 372.8 Fractures with pyr at : 373.1, 373.5, 373.8, 373.9, 376.9, 376.5, 377.1, 379.2, 380.9, 381.3, 381.6, 382.6, 384.1, 385.1, 386.2, 387.2, 387.5, 388.9, 389.8, 390.4, 393.5, 394.8, 395.0, 395.2, 395.0, 396.2, 396.3, 396.5, 396.8, 397.7, with qtz at 398.5, 398.9, 399.2, 399.6, 400.0, 400.4, 401.0, Greenish Ground mass & pink phenos 355.5 - 385.2, 386.7- 389.0 Dark ground mass & white phenos 385.2 - 386.7, 389.0 - 402.5	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.	AVERAGES % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.
270 - 301		(All 1' samples Nil Tr. .20 DWTS)								
301 - 332		(All 1' samples Nil Tr. .20 .80 DWTS)								
323 - 363		(All 1' samples Nil Tr. .20 .40 DWTS)								
363 - 394		(All 1' samples Nil Tr. .20 .40 .80 DWTS)								
394 - 425		(All 1' samples Nil or Tr.)								
425 - 456		(All 1' samples Nil Tr. .20 .40 .80 DWTS)								

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

REMARKS

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 6
SHEET NO. 3
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
402.5	416.6	Greenstone. Magnetite at 414.5 Altered feldsp. porph. 408.0-408.5 Scattered fine pyrite. Qtz - carb. thrs. & porphyritic 414.6 - 416.6	
416.6	429.6	Greenstone (More chloritic) Lost core 417.8 - 418.8 426.5 - 428.5 Qtz - carb. strs. at 417.5, 420.2, - 420.7, 421.0 421.6 - 424.1 Magnetite at 425.2	
429.6	433.2	Felsite porphyry (Sheared) ¼" qtz str. at 430.5	
433.2	436.9	Felsite (Aplite) ? Well mineralized by fine pyrite along fractures	
436.9	441.0	Greenstone (Chloritic) with qtz - carb. thrs. & pyr.	
441.0	451.5	Greenstone . 2" qtz - carb. at 441.9 1" qtz - carb. at 443.0 Qtz & Carb. 443.2 - 443.6 ½" qtz - carb. str. at 444.5 Lost core 445.5 - 446.5, 447.4 - 448.6 Feldspar porph. 448.6 - 449.1, 449.3 - 449.5 Well mineralized 450.0 - 451.5	
451.5	453.4	Feldspar porphyry . Dark rock with pink feldsp. phenos. Scattered Pyrite 452.3 - 452.5	
453.4	455.7	Altered diorite (non magnetic)	
455.7	465.2	Dark rock with pink feldsp. phenos. Scattered pyr. Lost core 459.5 - 462.0 ¼" str. to core 455.8 - 457.0 Pyr. thrs 463.4 - 464.0	
465.2	466.1	Syenite porphyry	
466.1	483.5	Greenstone . Fine Pyrite 480.0 - 483.5 Lost core 470.0 - 472.8 carb. thrs 481.8 - 483.5	
483.5	489.3	Lost core.	
489.3	501.3	Fine- grained diorite. Brecciated 489.8 - 491.1 Pyr. thrs. 490.6 - 498.7 Altered diorite 492.6 - 493.1 Fractures at 495.2 - 497.5 Qtz thr & Pyr at 498.5 Fine Pyr. 499.4 - 500.3	
501.3	502.8	Fine - grained altered feldspar porphyry.	
502.8	506.6	Fine - grained altered diorite . Pinkish & aplitic 502.8 - 504.6 Qtz - carb. str. with speccular iron of 502.8 Scatterd fine pyrite. Qtz - carb. thr. at 503.6, 503.8, 504.4, & Pyr. at 506.6	
506.6	507.9	Fine - grained diorite	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.	AVERAGES % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.
456 - 460		(All 1' samples Nil Tr. .20 DWTS)								
462 - 470		(All 1' samples Nil Tr. .20 .60 1.00 DWTS)								
473 - 485		(All 1' samples Nil Tr. .20 DWTS)								
489 - 503		(All 1' samples Nil Tr. .20 .40 DWTS)								

FORM 145 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 6
SHEET NO. 4
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SUL-PHIDES
507.9	517.0	Lost core	
517.0	538.5	Greenstone. Scattered Qtz - carb. thrs . 517.0 - 521.5	
538.5	540.0	Lost core.	
540.0	542.1	Diorite (Magnetic) with qtz - carb. thrs.	
542.1	567.5	Mixture of altered diorite & syenite. Scattered fine - pyr. Fractures & Pyr. at 542.8 , 543.0 , 543.9, 544.4, 544.8, 545.6, 549.2, 549.5, 549.6, 550.5, 552.1, 556.0, 558.9, 559.8, 562.5, 563.1, 563.5, 563.9, 564.6, 567.1, Lost core 554.0 - 555.2	
567.5	570.2	Silicified fine - grained diorite . Scattered fine pyr.	
570.2	573.0	Fine - grained diorite ½" qtz - carb. str. & pyr. at 571.5 571.8	
573.0	575.4	Lost core.	
575.4	586.4	Fine - grained diorite (Trachyte ?) Fractures with pyr. at 576.6 , 577.0, 577.3, 577.7, 579.1, 580.9, 581.1, 581.6, 583.2, 586.4, Altered & mineralized 584.2 - 584.5	
586.4	589.2	Lost core.	
589.2	613.1	Fine - grained diorite Fractures with pyr. at 591.6, 591.8 Fractures with pyr. at 593.8, 596.4, 598.7, 599.1, Bluish qtz crystals 591.9 - 593.3, 596.5 - 599.1 Well mineralized 597.9 - 598.5 Lost core 595.2 - 595.8, 603.1 - 603.8 Fractures with pyr. 600.6 - 601.0, at 604.0, 604.4 - 604.6 Qtz - carb thrs & Pyr. at 607.3, 608.6, 609.5 Fractures with pyr. at 610.7, 611.0 Fine pyr. 612.5 - 613.0 Bluish qtz crystals 611.0 - 611.7	

End of Hole.

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
503 - 508		(All 1' samples Nil)								
517 - 534		(All 1' samples Nil Tr. .20 .40 DWTS)								
534 - 575		(All 1' samples Nil Tr. .20 .40 .80 DWTS)								
539 - 540	no	Core								
554 - 555	no	Core								
573 - 575	no	Core								

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line # 52 Sta # 50

DATE STARTED Sept. 22,1943

DATE COMPLETED Oct. 18, 1943

CORRECTED DIPS			
COLLAR	↙ 50°30'		

LATITUDE

DEPARTURE

ELEVATION

BEARING N-3*-W

LENGTH 850'

HOLE NO. S - 7

SHEET NO. 1

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
0.0	79.0	Casing	
79.0	113.4	Old diorite. Lost core : 85.0 - 87.5, 96.5 - 98.0, 107.4 - 108.1 Pyrite 88.1 - 88.5, at 92.6 Altered & mineralized 90.5 - 90.8, Blue quartz at 93.1 Fractures with pyrite at 101.3 103.3, 103.6, 104.0, 104.3, 113.0 Scattered Pyr. 102.0 - 107.0	
113.4	129.0	Altered (Chloritic) & fine - grained old diorite Scattered fine pyrite Fracture & Pyr. at 113.7	
129.0	193.4	Medium - grained old diorite Scattered fine pyrite Mineralized 129.0 - 135.0 Lost core 131.5 - 132.1 Fracture & Pyr. at 140.2 ½" qtz - carb str. & Pyr. at 156.2, 156.4, 156.6, Altered 156.6, - 157.3 Fractures at 162.0, 163.5, 164.0 168.7, 169.2 Carb thrs 1 6.0 - 166.5 Fractures & Pyr. at 170.3, 170.6, 171.1, 172.6, 172.8, 173.4, 173.6, 177.1 188.5, 190.9, 191.9, 192.5, 192.7, 192.9	
193.4	251.3	Old diorite, Coarse - grained. Altered (Epidote) & Pyr. at 197.8, 197.5 - 198.2 Fractures & Pyr. at 202.0, 203.6, Flat at 206.3, & at 209.2 Fractures & Pyr. 207.1, 207.7, 207.8, 208.9 Fractures & Pyr. at 210.8, 215.4, 215.7216.7, 216.8, 218.6, 219.0, 219.6, 220.5, 221.1, 222.6, 223.4, 228.5, 236.0, 236.2, 237.5, 237.7, 237.8, 239.6, 239.9, 240.1, 240.7, 249.5, 250.3, 250.7, Altered well mineralized diorite near contact 251.0 - 251.3	
251.3	298.6	Coarse - grained feldspar porphyry . Scattered fine - pyr. Low angle contact at 251.3 Well mineralized near contact 251.3 ~~Well mineralized~~ - 252.7 Phenos of hornblend. No core 268.9 - 272.0 Reddish feldsp. phenos 267.? - 268.9 275.2 - 277.2, 288.6 - 291.0, 292.8 - 295.3 Syenite porph. 288.6 - 291.0 Altered & Geenish 293.5 - 293.8 Well	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.	AVERAGES % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.
79 - 124		(All 1' 2' 3' samples	Nil	Tr.	.20	.40	.60	.80	DWTS)	
124 - 166		(All 1' 2' 3' samples	Nil	Tr.	.20	.40	.60	.80	1.80 DWTS)	
166 - 230		(All 1,2,3,4,' samples	Nil	Tr.	.20	.40	.60.	.80	DWTS)	
230 - 255		(All 1' 2' 3' 4' samples	Nil	Tr.	.20	1.00	DWTS)			
275 - 290		(All 2' 3' samples	Nil	.20	.40	DWTS)				
298 - 314		(All 2' 3' samples	Nil	Tr.	1.60	DWTS)				

FORM 168 5M-3-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 7
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		mineralized at 275.3, 277.1, 279.4, 283.6, 288.7 - 289.5 295.2 1" qtz str. & pyr. at 298.6 (Sharp contact)												
298.6	303.5	Fine - grained diorite. Porphyritic. Scattered fine pyrite Qtz - carb. thrs at 300.8, 300.9, 302.7 Pyr. thrs at 303.4												
303.5	305.7	Coarse - grained feldspar porphyry												
305.7	307.1	Fine - grained diorite Porphyritic												
307.1	310.8	Coarse - grained feldspar - porphyry. Pyr. thr. at 310.4												
310.8	311.4	Mineralized old diorite ¼" qtz str. & Pyr. at 311.2												
311.4	312.6	Coarse - grained feldspar porphyry. Pyrite												
312.6	315.5	Altered old diorite. Porphyritic Scattered fine pyrite ¼" qtz str. & pyr. at 313.1												
315.5	316.9	Coarse - grained quartz - Feldspar porphyry Pyrite thr, at 315.8												
316.9	318.4	Well mineralized old diorite 1" - carb. str. & pyr. at 318.0												
318.4	328.6	Coarse - grained feldspar porphyry Scattered fine pyrite Well mineralized 319.5 - 319.8, 324.0 - 325.0 Pyr. thrs at 320.2, 321.2 ¼" qtz str. at 320.1 1/8" qtz str. at 326.7												
328.6	329.7	Fine - grained feldspar porphyry												
329.7	353.0	Coarse - grained feldspar porphyry Scattered fine pyrite 3/4" qtz str. at 336.3 ½" qtz str. & Pyr. at 338.8												
353.0	353.6	Quartz, Magnetite, Pyr. & altered diorite												
353.6	395.3	Altered old diorite. Slightly magnetic 1" qtz - tourm str. at 356.9 ½" at 357.1 Pyr. at 355.8, 356.1, 357.5, 358.0, 358.6 362.8, 363.3, 364.2 ½" qtz str. & pyr. at 364.9 Pyr. at 366.7, 368.2, 379.8, No core 383.2 - 384.1 Fractures along core 380.0 - 381.0, at 385.0												
395.3	398.3	Very fine - grained altered old diorite												
398.3	403.4	Greenish Felsite Pyrite at 399.1, 402.6												
403.4	407.4	Fine - grained Lavas (andisite)												
407.4	431.6	Fragmental Lavas, Fractures with pyr. at 407.9, 409.1, 409.9 Altered porphyry 417.5 - 417.9 Felsite 418.2 - 418.6												

314 - 316	Tr.
316 - 318	-
318 - 320	.20
324 - 325	.40
326 - 327	Tr
336 - 337	.20
338 - 339	-
351 - 397	(All 3' 4' samples Nil Tr .20 .40 .60 DWTS)

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

REMARKS

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 7
SHEET NO. 3
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
431.6	437.2	Andesite porphyry. Scattered pyrite, Felsite 433.5 - 434.7	
437.2	438.3	Felsite, Pyrite	
438.3	454.5	Fragmental Lavas. 1" pyr. at 447.1 Scattered fine pyr. 450.0 - 455.5	
454.5	464.2	Altered fragmental Lavas (Epidote rich, yellowiah - green color) Scattered fine pyr.	
464.2	487.4	Fragmental Lavas, Scattered fine pyr. Felsite 464.5 - 464.7 465.8 - 466.1, 468.5 - 469.0, 470.6 - 471.2, 476.0 - 476.6	
487.4	490.6	Altered fragmental LavasFelsite 489.0 - 489.7	
490.6	497.8	Altered syentite dyke (yellowish - green color) Fine Pyrite	
497.8	499.8	Altered fragmental Lavas Pyrite at 497.7	
499.8	504.6	Fragmental Lavas	
504.6	507.1	Altered fragmental Lavas & Felsite	
507.1	507.5	Felsite.	
507.5	510.5	Fragmental Lavas	
510.5	512.0	Altered fragmental Lavas. Scattered fine Pyr.	
512.0	519.5	Strongly altered syenite porphyry (Pinkish & yellowish - green color)	
519.5	529.8	Yellowish - green Felsite Pyrite at 528.1	
530.3	549.1	Fragmental Lavas. Pyrite at 548.0 Lost Core 540.7 - 541.7	
549.1	584.5	Andesite. Pyrite at 559.0, 559.6, 561.2, 563.3, 564.6, 569.1, 570.9, 572.1, 572.5,	
584.5	597.3	Fragmental Lavas. Scatterd fine pyr. 584.5 - 591.5 Sheared 587.3 - 588.3 Altered (Epidote rich) 589.8 - 591.4	
597.3	603.6	Altered fragmental Lavas (Yellowish - green color) Well mineralized 597.3 - 599.3	
603.6	621.5	Yellowish - green Felsite	
621.5	631.6	Altered fragmental Lavas (Yellowish - green color) looks like a mixture of diorite & epidote Scattered ~~with~~ fine pyryte 621.5 623.5 Well mineralized 625.3 - 631.6	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
397 - 400	.20									
400 - 402	-									
402 - 405	-									
407 - 410	Tr									
431 - 432	.20									
447 - 448	-									
450 - 455	Tr									
460 - 662	.80									
462 - 465	.20									
490 - 492	-									
492 - 495	.40									
497 - 500	Tr									
510 - 512	.20									
512 - 515	-									
527 - 530	Tr									
547 - 549	.20									
559 - 562	-									
562 - 565	.20									
569 - 571	-									
571 - 573	-									
584 - 586	.20									
586 - 588	-									
597 - 600	-									
620 - 632	(All 3' samples Tr .40 1.00 DWTS)									
640 - 641	.60									

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 7
SHEET NO. 4
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
631.6	635.0	Fragmental Lavas Scattered fine pyrite	
635.0	637.5	Altered - Faulted fragmental Lavas . Reddish color.	
637.5	640.0	Diorite	
640.0	647.3	Fragmental Lavas. 1" qtz - carb. str. at 640.0 with Pyr. Felsite 643.5 - 644.3, 645.7 - 646.2	
647.3	658.0	Altered fragmental Lavas (Yellowish - Green - & Pinkish) Well mineralized 649.0 - 652.0, Pink Felsite 652.0 - 652.8 657.0 - 658.0	
658.0	661.4	Fine - grained Lavas	
661.4	669.2	Altered fragmental Lavas (Yellowish - green) No core 662.0 663.5 Chalcopyrite at 668.1	
669.2	671.4	Lavas. Pyrite at 669.7	
671.4	675.6	Altered fragmental Lavas	
675.6	696.0	Greenstone No core 676.1 - 678.2	
696.0	731.6	Fine - grained fragmental Lavas Pyrite at 681.1 Alteration 699.7 - 700.9, 720.2 - 722.8	
731.6	778.4	Altered fragmental Lavas (Intrusive Breccia)? Yellowish - green color) No core 732.7 - 735.0 Well mineralized 735.0 737.2, 740.0 - 741.7, 744.5 - 745.7 Aplite 741.7 - 742.3 745.7 - 746.5 More pinkish Feldspar than before Pronaunced metamorphism	
778.4	786.2	Aplite (Pink) Albitite ?	
786.2	795.5	Altered fragmental Lavas (Intrusive Breccia) ? Yellowish green & pinkish color)Chalcopyrite at 790.6	
795.5	801.8	Gray Felsite Well mineralized (Pyrite)	
801.8	812.5	Altered fragmental Lavas (Yellowish - green color) Pink Felsite 803.1 - 803.5 Scattered Pyrite	
812.5	816.2	Fragmental Lavas	
816.2	817.5	Fine - grained fragmental Lavas	
817.5	849.0	Fine - grained Lavas Altered feldspar phenos (epidote) 817.5 - 819.0, 820.3 - 821.0 Mineralized with many bands	

FOOTAGE	WIDTH
649 - 650	Tr
650 - 652	-
668 - 669	-
669 - 670	-
681 - 682	-
735 - 737	Tr
737 - 740	.20
740 - 742	-
742 - 744	Tr
744 - 746	-
755 - 757	Tr
790 - 791	-

SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 7
SHEET NO. 5
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		of pyrite Well mineralized & felsitic 826.5 - 827.4 Felsitic & well mineralized 827.6 - 830.1 Phenos of epidote & well mineralized 830.1 - 831.5 Pyrite at 838.4, 838.6, 839.1, 840.3 No core 840.7 - 841.9, 842.3 - 844.0 Phenos of epidote & well mineraized 841.9 - 843.2 Well mineralized 845.0 - 845.6		795 - 797	-									
				797 - 804			(All 1' samples Nil)							
				817 - 819	.20									
				819 - 821	-									
				826 - 828	-									
				828 - 830	-									
				830 - 832	-									
				838 - 840	-									
		End of Hole		842 - 843	Tr									

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line # 52 Sta # 50

DATE STARTED Sept. 13/1943

DATE COMPLETED Sept. 21/1943

CORRECTED DIPS			
COLLAR	∠ 45°		

LATITUDE

DEPARTURE

ELEVATION

BEARING N-3*-W

LENGTH 87'

HOLE NO. S 7 A

SHEET NO. 1

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	87.0	Clay & Gravel												
87.0		Old Diorite												
		Hole stopped (Broken Casing)												

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line 57 Sta # 49

DATE STARTED Sept. 25/1943

DATE COMPLETED Oct. 13/1943

CORRECTED DIPS			
COLLAR	∠45°		

LATITUDE

DEPARTURE

ELEVATION

BEARING N 88° E.

LENGTH Surface 618'

HOLE NO. S - 8

SHEET NO. 1

LOGGED BY C. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	75.0	Casing												
75.0	138.0	Old diorite, Pyrite at 75.1 - 76.1 Altered Chloritic) with qtz - carb thrs & Pyr. 81.6 - 82.4 No core 88.1 - 89.1 Fractures at 101.9, 114.0, 114.6 , 115.6 Well mineralized 110.5 - 111.4, 116.8 - 118.0 No core 111.5 - 112.0, 115.6 - 116.8, 129.5 - 130.0		75 - 76	Tr									
				76 - 77	1.40									
				81 - 82	.40									
				82 - 83	.40									
				93 - 94	-									
138.0	142.5	Well mineralized old diorite		94 - 95	.20									
142.5	146.7	Old diorite. Scattered fine pyr. No core 144.4 - 145.0		100 - 125			(All 1' samples Nil Tr				.20	.40	.60	.80 DWTS)
146.7	147.9	Well mineralized old diorite , with a high % of magnetite.		125 - 156			(All 1' samples Nil Tr				.20	.40	.80	1.00 1.20 DWTS)
147.9	151.4	Old diorite No core 148.8 - 149.4												
151.4	153.1	Old diorite with a high % of magnetite		156 - 195			(All 1' 2' samples Nil Tr				.20	.40	.60	.80 1.40 1.60 2.00 3.00 3.20 DWTS)
153.1	341.8	Old diorite, fine - grained 1" qtz - carb. thrs & pyr. at 162.4 1" qtz - carb. str. & pyr. at 172.4 Low angle qtz - carb. thrs & pyr. at 181.2 Fractures with pyrite at 201.4, 209.5, 210.1, 210.7, 213.1, 214.0 Old diorite, type B : 209.5, - 218.0, 225.0 - 235.0, 253.0 - 259.5, 264.0 - 269.0 Quartz - chloritic & Pyrite 227.5 - 228.2 ½" low angle qtz - carb. str. 256.3 - 257.2 Very well mineralized 262.0 - 262.6 ½" low qtz - carb. str. 263.6 - 265.3 ½" qtz - carb. str. at 266.2 1" qtz str. at 268.1 Pyrite 271.7 - 272.2 Qtz - carb. thr. at 274.7 Diorite type B : 281.0 - 288.0, 312.0 - 323.0 Chloritic 280.2 - 281.0 Qtz - carb & Pyr. 280.6 - 280.9, ½" at 284.7, ¼" at 297.0 Fracture & Pyr. at 312.6, 318.7 Altered (epidote rich) 339.0 - 340.0 ½" qtz str. low angle 338.6 - 339.1 1" qtz str. with pyrite at 339.3 ½" qtz - carb str. at 340.2, 340.6 1" qtz - carb & pyr. at 341.6		195 - 253			(All 2' 3' samples Nil Tr				.20	.40	.60	1.60 DWTS)
				253 - 330			(All 2' 3' samples Nil Tr				.20	.40	.80	1.60 DWTS)
				330 - 408			(All 2' 3' samples Nil Tr.				.20	.40 DWTS)		
341.8	532.2	Old diorite, Coarse grained 346.8 - 348.0 Pyr at 350.7 Fractures at 357.0 , 363.5 , 365.4 , 375.3, ½" qtz str & Pyr. at 371.3 Fractures & Pyr. at 380.5 Qtz thr at 383.6 1½" qtz - carb at ~~399.8~~ 385.6 Pyrite at 399.5 Chloritic 404.0 - 404.7 Pyr. Thr. at 405.6, 412.6 , 415.4, 415.7, 416.8, 417.0 Chloritic 413.0 - 413.8 2 " qtz & carb at 413.1													

FORM 146 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 8
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		Coarse - grained & Scattered fine pyrite 420.5 - 423.5 (basic texture) ¼" qtz - carb. str. at 423.7 Qtz - carb. strs & Pyr. at 425.6, 444.8, 445.4, 445.6, 446.1, 448.4, 449.3 1" qtz - carb. str. & cholcopyrite at 449.6 Qtz - carb. thrs & Pyr. 450.0 - 450.2, 461.1, 480.3, 480.6 Altered (epidote rich) 453.3 - 453.6, 458.4 - 460.5, 481.2 - 482.1 ¼" qtz - carb. str. at 476.8 Pyr. thr. at 486.6, 490.5 Fracture at 497.7 ¼" qtz str. at 498.8 Altered (epidote rich) 506.7 - 508.4 Pyr at 507.2 Qtz - carb. thrs & Pyr. at 514.8 515.5, 516.7, 518.7, 521.8 Fract. & Pyr. at 527.7 Sharp contact at 532.2 & with pyrite												
532.2	537.0	Fine - grained diorite, porphyritic. Many small albite phenos ½" qtz str. of 532.7 Pyr. thr. at 537.0												
537.0	546.8	Fine - grained diorite. A few scattered feldsp. phenos Flat Qtz - carb. thr. 540.5 - 541.5 Qtz - carb. thr. & pyr. 540.0, 541.4, 541.7, 541.8, 542.6, 543.2, 543.8, 545.2, 546.0 1" qtz - carb. str. and Pyr. at 545.6		408 - 537		(All 2' 3' samples Nil Tr. .20 .40 DWTS)								
546.8	548.4	Fine - grained diorite . Porphyritic. Many albite phenos												
548.4	559.1	Fine - grained diorite. ¼" qtz - carb. str. & Pyr. at 549.0 Qtz - carb. thr. at 549.8 Pyr. 550.0 - 552.8 Qtz - carb. thrs & Pyr. at 550.1, 550.3, 551.6, 551.8, 553.1, 553.8, 554.1, 554.3, 554.4 Sheared & Chloritic 554.6 - 555.8 Qtz & Carb. & Pyr. 555.0 - 555.5 Pyr. thr. at 556.0 Chloritic with a few qtz - carb. thrs. 557.0 - 557.8		554 - 555	-									
				555 - 556	Tr									
				569 - 570	*									
				570 - 572	Tr									
				572 - 575	.20									
				575 - 577	Tr									
				592 - 595	-									
				600 - 601	-									
				612 - 615	-									
				615 - 618	.80									
559.8	569.2	Fine - grained diorite, porphyritic. Many albite phenos. Altered with pyrite at 561.7 Pyr. thrs at 562.1, 562.7, 563.0												
569.2	576.7	Altered old diorite Pyr. thrs. at 570.5, 575.5, 576.5- 576.7												
576.7	612.0	Coarse - grained feldsp. porph. Mineralized 576.7 - 578.5 Altered fine - grained diorite 592.5 - 594.1 Altered & well mineralized at 600.1 ½" qtz str. & with pyr. at 600.2												
612.0	618.0	Altered old diorite . Pyr. thr. at 612.9, 613.8, 614.2, 614.6												
		End of the Hole												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line # 34 Sta. # 44

DATE STARTED Oct. 14, 1943

DATE COMPLETED Nov. 5, 1943

CORRECTED DIPS			
COLLAR	90°		

LATITUDE

DEPARTURE

ELEVATION

BEARING

LENGTH 663'

HOLE NO. S - 9

SHEET NO. 1

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
0.0	28.3	Casing	
28.3	82.2	Old diorite ¼" flat qtz - carb. str. at 33.5 ¼" qtz - carb str. at 43.4 Mineralized 34.5 - 37.5 3/4" silicified & well min. at 75.6	
82.2	84.5	Fine - grained old diorite. ¼" qtz - carb. str. at 82.4, 82.6 82.9, 83.4, 83.6 1" qtz - carb. str. at 83.3	
84.5	93.0	Old diorite	
93.0	94.0	Sheared Lamprophyrs dyke	
94.0	136.5	Old diorite. Mineralized 95.0 - 97.0 1" qtz - carb. str. at 103.6 Pyr. thr. at 117.7 Qtz - carb. thr. & pyr. at 119.6, 121.9 1" qtz - carb. at 122.3 ½" qtz - carb & pyr. at 122.6, 123.9 Altered 120.0 - 129.6 Altered (Epidote) & well mineralized 124.4 - 125.0 1" qtz at 124.6	
136.5	137.3	Lamprophyre dyke	
137.3	166.1	Old diorite . ¼" qtz - carb. str. at 142.7 Highly sil. & altered 143.4 - 144.0 , 1¼" qtz - carb. tourm. & chalc at 153.1 Mineralized 153.5 - 154.1 Qtz - carb. thrs 160.2 - 160.3	
166.1	167.1	Quartz, chloritic, tourm, pyr. & chalc	
167.1	174.0	Fine - grained old diorite. Qtz - carb. thrs at 170.9, 171.6	
174.0	176.2	Well silicified, well altered & mineralized diorite	
176.2	177.1	Altered old diorite	
177.1	259.4	Old diorite. ½" qtz - carb. & Pyr. at 180.6, ½" at 191.2 3/4" at 191.8 Pyr. thr. at 189.0, ½" qtz - tourm & pyr. at 192.2, ¼" at 192.2, Qtz - carb. thrs. & pyr. at 220.1 Pyrite at 226.0, 242.0, Qtz - carb. thr. at 240.9, Qtz - carb. thrs. & pyr. at 251.1, 251.6 Pyr. thrs at 253.3, 253.9	
259.4	260.5	Sheared Lamprophyre	
260.5	309.1	Old diorite, Qtz - carb. thrs & pyr. at 261.8, 262.6, 264.8 Pyr. at 261.4 Scattered pyrite 266.0 - 268.0, 271.8 - 275.0 Silicified & mineralized 1" at 277.1, 1" at 278.0, 278.4 - 278.7, ¼" qtz - carb. str. & pyr. 275.7, 277.1	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
28 - 95		(All 1' 2' 3' samples Nil Tr .20 .40 .60 .80 1.00, DWTS)								
95 - 153		(All 1' 2' 3' samples Nil Tr .20 .40 .60 1.00 1.20, 1.80 DWTS)								
153 - 166		(All 1' 2' samples Nil Tr .20 .40 DWTS)								

FORM 16A 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 9
SHEET NO. 2
LOGGED BY H. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
		Pyr. at 281.2, ½" qtz - chloritic at 286.7, Scattered fine pyr. 275 - 309	
		Chloritic & Coarse Pyr. 288.1 - 290.0, ½" qtz str. at 288.5 ¼" at 288.6 , 1" qtz & pyr. at 295.3, ½" qtz - carb & pyr. at 298.1, 1" sil. altered & pyr. at 303.1 , Qtz - carb. Thr. and Pyr at 304.0, 304.3, 308.9	
309.1	310.8	Sheared, altered & well mineraized diorite, 1" qtz - carb. & pyr. at 309.7, 310.4	
310.8	329.5	Old diorite, Scattered pyrite	
329.5	333.6	Chloritic , fine - grained old diorite, Scattered 2 mm. crystals of pyrite	
333.6	335.8	Qtz, Carb. (calcite), Chlorite, Tourm.	
335.8	338.5	Chloritic, fine - grained old diorite, scattered pyrite. Scattered qtz - carb. thrs.	
338.5	346.0	Old diorite. Scattered Pyrite, Qtz - carb. thrs 342.1 - 342.4	
346.0	420.5	Old diorite. Scattered Pyrite 352.5 - 365.5, 375.5 - 381.5 Qtz - carb. thrs. & pyr. 361.8, 364.2, 369.2, 370.9, 371.9 372.4, 372.9, ¼" qtz - carb. str. & pyr. at 378.6, 384.1, Chloritic with qtz - carb. thrs at contacts396.0 - 397.0 Chloritic & fine - grained 401.3 - 403.5	
		Qtz - carb. thrs. 1" at 401.3, 401.7, 402.2, 402.8 ½" qtz - carb. str. at 402.9 ¼" qtz - carb. & pyr. at 412.4, 413.6 Scattered pyr. 403.5 - 420.5	
420.5	424.5	Fine - grained , chloritic & slightly sheared old diorite. Scattered Pyrite . Qtz - carb. thrs at 420.5, 422.5, 1" qtz - carb. str. at 423.1	
424.5	431.0	Old diorite, Mineralized 423.5 - 425.0, Qtz - carb. thrs & pyr. at 425.8, 426.4, 427.5, 427.7, 429.3	
431.0	433.3	Fine - grained, chloritic old diorite Scattered pyrite Qtz - carb. thrs and Pyr. 431.0, 431.5, 432.6, 432.8	
433.3	454.0	Old diorite. Scattered pyrite Slight sheared. Qtz - carb. thrs. & pyr. at 436.1, 436.7, 437.4, 437.8, 441.3, 442.5, 442.7	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
166 - 183		(All 1' samples Nil Tr .20 .80 DWTS)								
183 - 213		(All 1' 2' 3' samples Nil Tr .20 , 4.20 DWTS)								
213 - 275		(All 1' 2' 3' samples Nil Tr .20 .40 .60 1.00, 1.20 DWTS)								
275 - 295		(All 2' samples Nil Tr)								
295 - 317		(All2' samples Nil Tr .20 .40 DWTS)								
317 - 332		(All 2' 3' samples Nil Tr.)								
338 - 415		(All 2' 3' samples Nil Tr, .20 .40 .80 DWTS)								

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 9
SHEET NO. 3
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		444.8, Chloritic & mineralized 439.8 - 440.5 ½" qtz str. & pyr. at 440.3, 1" qtz - carb. chloritic, pyr. at 447.0 Pyrite at 452.2		415 - 467		(All 1' 2' 3' samples Nil Tr, .20 .80 DWTS)								
454.0	464.2	Sheared, fine - grained chloritic, carbanatet old diorite, Scattered fine - pyr. ½" qtz - carb. str. at 456.7, 460.1 460.3, 461.3 Coarse pyr. at 460.5												
464.2	467.0	Sheared, coarse - grained , carbonatet & well mineralized old diorite 1" qtz - carb. str. & pyr. at 465.4, ½" at 465.8												
467.0	470.0	Altered & well mineralized old diorite. Qtz - carb. thrs at 467.3, 468.6, 468.8, 469.3, 469.5 1½" qtz - carb. pyr. at 469.7												
470.0	487.3	Altered old diorite. Well mineralized 473.6 - 474.1 1½" qtz - carb. pyr. at 474.0, ½" at 475.0, 475.7 2" qtz str. at 479.4 Coarse pyrite 481.8, 482.1, 483.5, 487.3 Epidote rich 481.8 482.6. Qtz - carb. thr. at 484.2, 486.3, 487.0												
487.3	517.4	Fine - grained diorite. Porphyritic (dark as old diorite) when splittet) Most feldsp. phenos are altered to epidote, Scatterd fine - pyrite 1" qtz & pyr. str. at 490.7, Qtz - carb. thr. at 498.3, 499.2 . ½" qtz - carb. pyr. at 502.1 505.0. Well mineralized & alterd at 510.4, ¼" pyr. & carb. str. at 512.8. Qtz - carb. thr. & pyr. at 514.2, 515.9		467 - 517 517 - 575		(All 1' 2' 3' samples Nil Tr, .20 DWTS) (All 1' 2' 3' samples Nil Tr. .20 .40 .60 1.00 DWTS)								
517.4	518.3	Old diorite. Chloritic & carbonatet. Qtz, carb. epidote, Pyr. 517.8 - 518.3												
518.3	548.0	Altered old diorite, Medium grained. Scatterd fine - pyrite Vertical fissure with pyr. 518.3 - 519.0 1" qtz - carb. at 522.1, Chloritic & pyr. 529.9 - 530.6 Coarse pyr. at 530.9 531.3, 541.2. Sheared Chloritic & with qtz - carb. thrs & pyr. 539.4 - 539.7, 1" at 543.5, Carb. thr & pyr. at 548.6, 548.7, Qtz - carb. str. & pyr. ½" at 549.5, 3/4" at 549.7												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 9
SHEET NO. 4
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
548.0	571.0	Coarse - grained old diorite (Altered) Sca ttered coarse & fine pyrite ½" qtz - carb. str. at 554.4, 555.8, Qtz - carb. thrs. 560.8, 560.9 Low angle ½" str. with tourm. & pyr. at 569.1, 1" str. at 569.6		575 - 632 632 - 647		(All 1' 2' 3' samples (All 1' 2' 3' samples	Nil Tr. Nil Tr.	.20)	.60	.80	DWTS	)
571.0	575.0	Old diorite Scattered pyr. (altered)Coarse pyr. at 573.0												
675.0	603.0	Coarse - grained old diorite (altered) Scatterdd pyrite 1½" qtz - tourm. str. & pyr. at 585.5 Fracture at 591.6												
603.0	607.0	Fine - grained old diorite Scattered fine pyrite												
697.0	609.4	Very fine - grained chloritic old diorite, Qtz - carb. thrs. & pyr. at 607.1, 607.3, 607.4, 607.6, 607.7, ½" at 608.0, 608.1, 608.4, 608.6, 1½" at 608.8, ½" at 609.0 ½" at 609.4												
609.4	614.7	Coarse - grained old diorite, fi e - gr ined pyrite 610.0 - 610.3												
614.7	616.2	Fine - grained old diorite. Scattered fine pyrite												
616.2	617.2	Quartz, carb. & heavy pyrite												
617.2	617.8	Sheared old diorite, Pyr. & Qtz - carb. thrs. Dip 45° to 55"												
617.8	620.4	Coarse - grained old diorite, coarse pyrite at 618.5, 618.8												
620.4	630.0	Fine - grained old diorite Scattered Pyrite Altered, qtz - carb. & pyr. 2" at 622.0 Finer - grained with fine pyr. & less epidote 621.5 - 624.1 ½" low angle qtz - carb. pyr. str. at 628.9												
630.0	632.1	Medium grained old diorite (Quartz diorite) Scattered pyr. Less epidote.												
632.1	634.9	Fine - grained old diorite. Scattered pyrite . If grades into greenstone no charp contact.												
634.9	642.7	Greenstone. Scattered pyrite												
642.7	663.0	Fine - grained diorite, 3/4" qtz - carb. & pyr. str. at 645.8												

End of Hole

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION 100' S-15° E from S - 1

DATE STARTED October 19,1943

DATE COMPLETED Nov. 10, 1943

CORRECTED DIPS			
COLLAR	↙44°		

LATITUDE

DEPARTURE

ELEVATION

BEARING N-15*-W

LENGTH 581'

HOLE NO. S - 10

SHEET NO. 1

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	67.0	Casing												
67.0	73.2	Fine - grained diorite		85 - 93		(All 1' 2' 3' samples .20 .40 1.00 DWTS)								
73.2	75.0	Ground core		96 - 115		(All 2' 3' samples Nil)								
75.0	90.1	Fine - grained diorite		125 - 129		(All 1' samples Nil .60 2.60 DWTS)								
90.1	91.0	Albitized diorite 2" pyrite at 90.6 ½" qtz & tourm, at 91.0		143 - 144	.20									
91.0	98.1	Fine - grained diorite, Qtz str. & pyr. at 91.2 Ground core 94.5 - 96.2 1" qtz feldsp. & pyr. at 92.5 2" qtz feldsp. carb. & pyr. at 98.0		155 - 157	Tr									
				158 - 160	Tr									
				160 - 162	.20									
98.1	108.4	Altered fine - grained, diorite porphyry ⅛" qtz - carb. pyr. at 103.1		162 - 165	.80									
				165 - 167	.60									
108.4	150.0	Fine - grained diorite, Qtz - carb. thrs 109.8, 111.0, 112.4 Pyr. 112.4 - 113.4, ¼" qtz - carb. str. & pyr. at 125.1, 126.2, 127.2, 143.6, No core 141.5 - 142.7, 147.7 - 149.0												
150.0	151.2	No Core												
151.2	153.7	Fine - grained Lavas												
153.7	155.0	No Core		168 - 180		(All 2' 3' samples Nil Tr. .20 1.00 DWTS)								
155.0	157.2	~~Ø/Ø~~ Acidic Lavas . Banded Pyrite at 155.9, 156.1		205 - 220		(All 3' 4' samples Nil Tr.)								
157.2	158.6	No Core.		220 - 224		(All 1' samples Nil Tr. .40 DWTS)								
158.6	162.0	Acidic Lavas. Banded, Fine pyrite. Qtz - carb. pyr. thrs at 161.2, 161.4, 161.5, 162.0		225 - 227	.40									
				227 - 230	Tr									
162.0	165.8	Greenstone		235 - 237	-									
165.8	169.2	Fragmental Lavas		237 - 238	-									
169.2	212.6	Tuff, Fine Pyrite A few acidic bands No core 182.3 - 184.0 203.0 - 205.5		243 - 267		(2' 3' samples Nil Tr.)								
212.6	235.5	Silicified , fragmental Lavas (Acidic) Mineralized (Pyrite) No core 215.3 - 216.5												
235.5	236.1	Lava with amygdaloidal structure												
236.1	238.3	Tuff, Scattered fine pyr.												
238.3	239.4	No core												

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 10
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
239.4	245.0	Lava. Banded structure. No core 240.2 - 241.0												
245.0	248.7	Rhyolitic or acidic yellowish green lavas with amygdaloidal structure. Mineralized Well mineralized 247.5 - 248.2												
248.7	269.1	Fragmental Lavas. Mineralized 249.7 - 251.6, Coarse Pyr. at 253.5 Tuff 255.3 - 256.1 Pyrite. Scattered coarse & fine pyr. 255.5, 260.4, 260.6, 261.0, 261.1, 261.3, 261.7, 262.2, 262.5, 262.6, 262.8, 263.0, 263.8, 240.0, 264.1												
		Coarse Pyr. at 265.5, 266.1, 267.9, 268.5, 268.8												
269.1	275.0	Tuff. Scattered fine - pyr. ¼" qtz str. & pyr. at 271.0, 274.2												
275.0	275.6	Fragmental & well mineralized Lava												
275.6	280.2	Fine - grained Lavas. Banded structure, Fine Pyrite												
280.2	310.6	Fragmental Lavas. Banded structure, Well mineralized with fine pyrite mostly in th e whithefeldspatic & rhyolitic fragments or bands 1" qtz str. & pyr. at 280.4, 289.0		267 - 318		' All 3' samples Nil Tr, .20 .40 DWTS)								
				323 - 325	-									
				325 - 328	.20									
				335 - 337	.40									
				337 - 339	.20									
				340 - 342	.20									
310.6	347.1	Fine - grained Lavas. Acidic band 312.4 - 314.1 Acidic bands & pyrite 315.2, - 315.6, 316.2 - 316.6, 323.8 - 324.0, 324.7 - 325.0, 325.0 - 326.0, 326.5 - 326.8, 329.0 - 330.0 No core 332.7 - 335.0, 339.1 - 340.0, Acidic bands & Pyr. 335.5 - 336.5, 337.7 - 338.0, 345.6 - 346.6 Coarse Pyr. at 327.0, 341.0, 345.3												
347.1	350.5	Banded acidic tuff.												
350.5	374.7	Fine - grained Lavas with acidic bands Pyr. 351.0 - 351.9 Acidic bands & Pyr. 350.8 - 351.0 Acidic bands & pyr. 353.8 355.0, 355.5 - 356.0, 360.4 - 360.7 No core 358.2 - 360.0 361.0 - 362.0, 365.3 - 369.0 Amygdaloidal structure 370.7 - 373.4												
374.7	-484.4	Altered feldspar porphyry (Syenite porphyry?) 1" qtz str. & pyr. at 383.5, 388.7, 390.2, Qtz & pyr. 389.6 - 389.9 No core 391.1 - 392.2, 396.5 - 397.3, fine - grained & mineralized 412.0 - 414.0, 424.9 - 427.5, 435.2 - 436.5 ½" qtz st & pyr. at 435.6 ¼" at 439.3, 1" at 440.5, Quartz 441.3 - 441.5, Qtz - calcite & Pyr. at contacts												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

REMARKS

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 10
SHEET NO. 3
LOGGED BY C. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
		442.0, 442.5, Cave at 446.5, Fissure & sand at 455.0 456.7, Scattered fine pyr. 450.0 - 484.4 Sheared & with qtz - carb. thrs & pyr. 467.2 - 467.9 Mineralized 466.8 - 468.3	
484.4	486.0	Altered & well mineralized syenite, porphyry, Qtz - carb. thrs. Qtz - carb. chloritic & pyr 485.0 - 485.4	
486.0	498.0	Altered syenite porphyry. Pyr. thrs at 488.8, 489.1, 490.3, 490.4	
498.0	501.2	Fine - grained & well mineralized porphyry, Qtz - carb. thrs & pyr.	
501.2	517.3	Altered syenite porphyry, Scattered fine pyrite, Mineralized 515.5 - 517.3	
517.3	519.2	Fine - grained & mineralized porphyry ¼" qtz. str. & Pyr. at contacts	
519.2	581.0	Fine - grained dark Lavas, Amygdules & Spherulites, Scattered fine pyrite 519 - 525, No core 527.4- 529.4, 523.6 225.0, Silicified & mineralized 533.8 - 534.7, Amygdules & spherulites 552 - 553, 555 - 557, 560 - 564, 575 - 580 No core 565.3 - 570.0	
		End of Hole (Core barrel & 40' of rod lett in hole)	

FOOTAGE	WIDTH	SAMPLE NUMBER
345 - 357		(All 3' samples Nil or Tr.)
360 - 361	Tr	
374 - 375	.20	
383 - 384	.20	
388 - 389	Tr	
389 - 390	.40	
390 - 391	.80	
411 - 415		(All 1' samples Tr .20 .40 DWTS)
424 - 425	Tr	
425 - 428		(All 1' samples Nil Tr.)
435 - 436	-	
436 - 437	-	
439 - 444		(All 1' samples Nil Tr. .20 DWTS)
465 - 469		(All 1' samples Nil Tr. .40 DWTS)
483 - 487		(All 1' samples Nil)
489 - 490	-	
490 - 491	-	
497 - 502		(All 1' samples Nil or Tr)
515 - 522		(All 1' samples Nil Tr, .20 DWTS)
533 - 534	-	
534 - 535	-	

ASSAYS % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.	AVERAGES % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.

FORM 168 5M-8-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line 8 W Sta 32&005

DATE STARTED August 16,44

DATE COMPLETED August 27, 44

CORRECTED DIPS			
COLLAR			

LATITUDE

DEPARTURE

ELEVATION

BEARING North

LENGTH

HOLE NO. S - 11

SHEET NO. 1 11A 11B

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	90.0	Gravel & Boulders no Core 45° ↙												
0.0	75.0	" " " 50° ↙												
0.0	78.0	" " " 55° ↙												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION 900' S-9° W from Po t

DATE STARTED August 27, 1944

DATE COMPLETED September 5, 1944

CORRECTED DIPS			
COLLAR	-45°		

LATITUDE

DEPARTURE

ELEVATION

BEARING N-9°-E

LENGTH

HOLE NO. S - 12

SHEET NO. 1

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	31.8	Casing												
31.8	89.5	Diorite		63 - 65	-									
89.5	112.9	Fine - grained diorite (Type B) ½" qtz - carb. str. 11 to core 91.5 - 93.2 Silicified 94.1 - 94.5 (Pyr)		88 - 90	-									
				90 - 92	-									
112.9	190.8	Diorite. Coarse - Grained. Very fine - grained 118.0 - 118.8 (Dyke) ¼" qtz - carb. str. at 127.2 ½" at 152.5 , 3/4 qtz - tourm str. at 152.8 (Pyr) ½" at 164.3, ½" qtz - carb thrs. at 165.1 ¼" qtz str. at 175.4. Shearing 179.7 - 180.2 , 3/4 qtz carb. at 182.6		92 - 94	-									
				94 - 96	-									
				152 - 153	-									
				179 - 181	-									
				203 - 205	-									
190.8	263.5	Fine - grained diorite, ½" qtz str. & pyr. at 198.2 1" qtz - carb. str at 199.0, 3" qtz - tourm chloritic & pyr. at 203.8 1" qtz - tourm. at 214.9. Slightly silicified & min. 216.6 - 219.8, 1" qtz - carb. & pyr. str. at 235.1, ½" & pyr. at 235.9 Silicified 241.8 - 242.0, Coarse - grained diorite 240.8 - 246.0, Qtz - diorite 262.1 - 262.9		216 - 218	-									
				218 - 220	Tr									
				235 - 236	Tr									
				150 - 175		(All 2' 3' samples Nil or Tr.								
				225 - 250		(All 2' samples Nil, Tr, .20 DWTS)								
263.5	271.0	Very fine - grained diorite 1" qtz - carb. str. at 264.9 Coarse - grained qtz - diorite, Coarse - grained 265.5-266.0, 267.5 - 267.9, 269.1 - 270.3												
271.0	291.0	Light colored altered fragmental Lavas Altered breccia 275.7 - 277.7												
291.0	331.5	Fragmental Lavas, Ground core 303 - 305, 309 - 310												
331.5	348.3	Altered fine - grained fragm. Lavas, Flat ¼" qtz str. with chalco at 348.3												
348.3	357.3	Altered coarse fragmental Lavas, Low angle qtz thrs & pyr. at 351.3 Tuffs 352.4 - 353.5. 387.8												
357.5	394.5	Fragmental Lavas, Amygdaloidal Structure 358 - 375, Fine - grained fragmental Lavas 375.5 - 380.5, 382.0 - 382.5												
394.5	413.5	Highly altered acid fragmental Lavas (Epidote rich)												

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 12
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		Pyr & chalcopyr. at 394.5, 396.3 , 397.6, 398.5, 398.8 , 399.0, 399.6, 400.1		392 - 400		(All 2' samples Nil)								
413.5	428.6	Non altered (Fresh) dark Lavas (Blue - black) Sheared & mineralized 427.7 - 428.6		427 - 429 435 - 451	Tr	(All 2' samples Nil Tr. .20 DWTS)								
428.6	471.5	Altered acid Lavas. Yellowish - green & pinkish color. Massive Pyrite at 431.9, Chalco at 433.8. Pyr. & calco 436.7 - 438.1 Scatt. pyr. 438.1 - 449.0, Chalco - Vat 442.1 Well mineralized with pyr. 442.5 - 443.8, 444.5 - 447.7 & pyrchotite, with Pyr. 452.2 - 453.5. Chalco 470.6 - 471.5		470 - 472	-									

End of Hole

FORM 168 5M-3-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION 600' S-9° W from Post No. CI A 72110

DATE STARTED September 6,44

DATE COMPLETED September 16,44

CORRECTED DIPS			
COLLAR	-45°		

LATITUDE

DEPARTURE

ELEVATION

BEARING N-8*-E

LENGTH 615'

HOLE NO. S - 13

SHEET NO. 1

LOGGED BY C. Piemont(?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	40.0	Casing												
40.0	54.5	Fragmental Lavas - Sherulitic. Mass. pyr. 50.7												
54.5	55.5	Tuffs		71 - 72	Tr									
55.5	62.5	Altered fragmental Lavas		82 - 84	.40									
62.5	96.9	Altered acid Lavas. Yellowish - green & pinkish color. Spherulitic texture at a few places. Mass pyrite at 71.6, 84.6 Ground core 77.3 - 78.5		84 - 85	.40									
				92 - 94	.40									
				94 - 96	Tr									
96.9	100.5	Acid grayish fragmental Lavas		96 - 98	.20									
100.5	102.9	Altered spherulitic lavas.		105 - 106	-									
102.9	111.2	Non altered lavas (Fresh) Bluish, mineralized 105.7 - 106.0 at 110.4		176- 178	Tr									
				178 - 180	.40									
111.2	145.7	Acid, grayish fragmental Lavas, Spherulitic texture of many places		180 - 182	.20									
				182 - 184	Tr									
145.7	156.5	Fine - grained bluish fresh Lavas, Coarse - grained spherulitic texture ¼" qtz str at 151.7		184 - 186	Tr									
156.5	166.3	Altered coarse spherulitic Lavas												
166.3	191.5	Gray fragmental Lavas, Ground core 172.3 - 173.3 Altered from 173.6 - 180.0 Silicified & scattered pyr. 180.8 - 186.3												
191.5	208.8	~~Acid~~ Fine - grained non alterd bluishLavas Mineralized at 196.9												
208.8	227.8	Altered fragmental Lavas. Carbounated, Mineralized 209.2 - 209.5												
227.8	247.4	Fine - grained non altered bluish Lavas, Altered 241.5 - 245.5 Coarsely spherulitic 245.5 - 247.4												
247.4	253.0	Tuffs, slighly mineralized, Well mineralized at 248.7												
253.0	256.6	Spherulitic Lavas												
256.6	259.6	Tuffs												
259.6	262.6	Fine - grained non altered bluish Lavas												
262.6	266.7	Lavas with flow structure Albitized 263.7 - 266.7												
266.7	292.0	Altered fragmental Lavas ½" qtz - carb. str at 271.2 ¼" qtz - carb. str at 271.8, Pyrite at 271.0, 271.7, Ground core 273.0- 274.5, 290.0 - 291.0												

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 13
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
292.0	394.5	Highly altered (epidote rich) acid Lavas (Rhyolitic) Pale green & white color, Ground core 295.8 - 296.5, ½" qtz str. at 297.0, Well mineralized 305.6 - 306.0, 310.6-311.3(Diorite incl.) Braciated Phases, Mineralized at 356.7, 371.4, 374.0, 375.2, 380.1, 385.2, 389.5												
394.3	615.0	Fine - grained non altered Lavas. Blue black color. Spherulitic 404.2 - 406.0, 410.8 - 415.1, 420.1 - 423.5, 429.5 - 431.5 434.0 - 536.5 Sherulitic 443.0 - 452.0, Altered & spherulitic 456.0 - 458.0 460.3 - 465.0 Mineralized at 464.2, Ground core 469.5 - 471.7 Altered 477.0 - 477.6 Spherulitic 484.8 - 486.8, 495.4 - 496.4, ¼" qtz - carb. str. at 485.9, no core 501.5 502.4, 506.4 - 507.0, Carbounated 508.5 - 612.0 Altered 514.6 - 514.4, Spherulitic 517.3 - 517.8, Mineralized 519.0 522.0, No core 526.0 - 527.0, 542.0 - 544.5, 546.1 - 548.6 552.1 - 554.5, 556.0 - 558.4, 560.0 - 563.3, 565.0 - 565.8 569.4 - 570.0, 575.5 - 576.4, 577.6 - 579.2, 583.0 - 583.7 585.5 - 586.1, 590.8 - 591.7, 596.2 - 598.6, 610.8 - 611.6 612.8 - 613.8, , Altered 549.0 - 551.0, Carbonated 530.7 - 532.0, ½" qtz - carb. str. & pyr. at 555.8, 574.1, mineralized 570.5 - 571.0, Spherulitic 527.7 - 542.0, 580.2 - 581.2 588.0 - 589.5, 599.5 - 599.8, 600.0 - 605.0, 611.6 - 612.5 Pale green & pink spherulitic, altered Lavas 600.9 - 602.3		248 - 250	Tr									

End of Hole

FORM 168 SM-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION 1006' S-9° W from Post No 1 CI A

DATE STARTED 72110

DATE COMPLETED Sept. 18, 44 Sept. 30. 44

CORRECTED DIPS			
COLLAR	/31°30'		

LATITUDE

DEPARTURE

ELEVATION

BEARING S-9*-W

LENGTH 907'

HOLE NO. S - 14

SHEET NO. 1

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	8.5	Casing												
8.5	54.5	Diorite												
54.5	68.4	Fine - grained diorite, 1" qtz str. & pyr. at 67.4												
68.4	160.1	Feldspar Porphyry, Scattered fine pyr. No core 125.7 - 126.5 104.3 - 105.0, 131.0 - 132.1, 112.2 - 113.1, 134.2 - 135.0 Well min. 126.5 - 130.0, ½" qtz st & pyr. at 117.1, 118.3, 124.3												
160.1	162.8	Well mineralized Diorite, Many blue qtz eyes												
162.8	268.5	Diorite, Scattered pyr. Mineralized & sheared at 199.1, Well mineralized 204.5 - 208.2, 4" qtz carb. chloritic at 205.9 1/8" qtz - str. at 225.1, ¼" at 228.0, Tourm. thr. at 238.0 Silicidied & min. 2" at 243.0												
268.5	291.0	Fine - grained Diorite, Qtz & Carb. 274.2 - 274.5												
291.0	296.7	Very fine - grained Diorite, Qtz - carb. thrs at 293.0, 293.3												
296.7	485.5	Fine - grained, non altered, drak Lavas. Spherulitic 300.0 - 307.5, 312.0 - 312.5, 312.0 - 312.5 No core 303.0 - 303.8 309.5 - 310.0. Scatt. fine pyr. 303.8 - 307.5 Low angle ¼" qtz - carb. str. & pyr. at 304.5, Coarse pyr. at 331.5. No core 334.1 - 338.4, Spherulitic 340.0 - 343.5, Qtz - carb. thr & pyr. at 343.3, Mineralized at 346.0 347.0 - 349.0. Spherulitic 380.4 - 385.0, 388.9 - 389.3 438.5 - 443.5, 448.0 - 452.0, 477.5 - 486.0		67 - 68 160 - 170	.20		(All 1' samples Nil Tr, .20 .40 DWTS)							
485.5	623.4	Spherulitic & fragmental Lavas, Mineralized 537.0 - 537.6, Qtz - cart & tourm. 578.6 - 579.1, 2" qtz - carb at 582.5 Coarse Breccia 594.5 - 600.0 Pyrite at 603.0 -, 604.0, 605.3, 607.7 608.5, 614.0, 618.2												
623.4	624.2	Chlorite schist												
624.2	631.6	Fragmental Lavas												
631.6	663.8	Fine - grained Diorite, Scattered Pyrite, A few qtz - carb thrs.												
663.8	724.5	Fragmental Lavas, Mineralized at 687.0, Sheared 688.8 - 690.1												
724.5	734.0	Acid fine - grained Lavas Felsite												
734.0	745.5	Fragmental Lavas												
745.5	788.2	Acid fine - grained fragm. Lavas												

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED. DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 14
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
788.2	804.3	Fragmental Lavas		630 - 670		(All 2' samples Nil or Tr.)								
804.3	873.8	Feldspar Porphyry, Diorite incl. 810.3 - 810.7 Altered 818.0 - 820.0, 824.3 - 837.3 , 846.5 - 851.0 , ¼" tourm. str. at 855.7												
873.8	879.4	Fragmental lavas												
879.4	883.5	Feldspar Porphyry												
883.5	907.0	Acid fine - grained Lavas, Rhyolite, 1" carb & pyr. at 894.7 Pyr. at 896.2, No core 902.6 - 903.8												
		End of Hole												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 14
SHEET NO. 1
LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0	500	No Core.												
500	581	Fine grained. Gray to green very uneven textured crenulated mottled with dark gray rounded and almond shaped blebs, banded with fine concentric rings at all angles to the core. Ropy lava,flow, or gragmentalwith a few scattered fine pyrite cubes.												
575		Vague contact.												
580	631.5	Fine grained gray-green uneven textured with occasional dark mottling; many fine lighter angular fragments. Fine fragmental (?)												
631	665	Fine to Med. grained even textured massive slightly chloretized fine grained diorite.												
665	730	Fine grained green-gray fairly even textured with many pea-sized angular fragments. Fine fragmental. Fragments mainly. Fragments mainly intermediate in composition as in groundmass.												
730	829	Fine grained gray to pink uneven textured mottled with many fine l lighter fragments or phenocrysts altøhough there appears to be two distinct materials which make up the fragments. Silicified fragmental ? Sheared and fragments aligned along shear planes at 30* to core.												
829	874	Coarse andesite porphyrite with many slightly altered prominent lighter feldspar phenocrysts. Light green-gray in color.												
874	879	Gray-green fine grained uneven textured altered fragm.(?) inclusion.												
879	894	As 829-874.												
894	906	Fine grained gray-green to bluish-gray uneven textured highly altered cherty with fine very faint lighter flecks which may be altered feldspar. Border phase of porphyry.												
	906	END of HOLE.												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION 433' S and 270' of Hole S14

DATE STARTED

DATE COMPLETED

CORRECTED DIPS			
COLLAR	-41°		

LATITUDE

DEPARTURE

ELEVATION

BEARING S. 16° E

LENGTH 904'

HOLE NO. S - 15

SHEET NO. 2

LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
358	358	356-358 Medium grained massive even textured lava inclusion(?) vague phenocrysts.												
		363.5-367 Medium grained massive pinkish-gray very even textured lava inclusion(?) Contains a very few 1/16" vuggy light specks which could be phenocrysts.												
		370 - 375 Split. A very few sulphides.												
389.5	400	Fine grained fairly massive even textured andesite with threads and impregnation of epidote, gray-green in color.												
		393 - 395 Split. Altered silicified vein zone with epidote and a very few sulphides.												
400	420	Fine grained light gray altered sheared fairly even textured rock with fine light gray flecks scattered throughout the core; probably a fine andesite porphyry.												
		400 - 402 Silicified vein zone (Split)												
		411 - 412 Split. An o casional sulphide.												
420	425	Medium to fine grained gray very uneven textured highly altered rock whose original character is obscure altered diorite.?												
425	427	Fine grained thinly banded altered tuff ? or contact material.												
427	435	Medium grained dark gray even textured sheared diorite.												
435	460	Fine to medium grained very uneven textured gray to green rock with irregular patches and blebs of bluish silicious material, slightly sheared at 45* to core with some chlorite and a few narrow scattered sections which contain a few phenocrysts. Diorite(?)												
		450 - 455 Sheared even textured diorite; core split.												
460	520	Fine grained very uneven textured rock gray-green with cherty gray to pink porphyritic bands and blebs. Rock appears to have been a chloretized diorite which has been intruded by a great many 1" to 6" siliceous porphyry dikes so that they make up 50% of the rock.												
		500 - 520 80% light pinkish gray dense cherty highly altered material with some porphyritic sections.												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

REMARKS

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 15
SHEET NO. 3
LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
520	600	Fine grained gray-green sheared banded altered fine andesite porphyritic with prominent phenocrystswhich are somewhat altered. Probably border phase of porphyry. 528 - 529,&531 - 532 Lost Core 542 - 546 Pinkish gray cherty porphyry mottled with fairly coarse altered sub-angular phenocrysts; a very few fine sulph.												
600	649	Coarse Andesite porphyry; large prominent phenocrysts. Core split 600. Lost core at: 528-529.5, 532.5-534.5, 536-540, 541-542.5, 545-547, 600-603; 657.5-611 Highly altered sheared banded silicified pinkish-gray with a very few sulphides. 12' lost core. 611-625 10' lost core. 650-672 Split. A very few sulphides. 672 -675 Lost Core) 627.5-628 " ") Remaining core split - 635.5-638.5 " ") a very few fine sulphides. 645 -649 " ")												
649	675	Dark green-gray fine grained sheared banded very uneven textured rock chloretized with patches and blebs of gray to pink cherty material representing a highly altered and impregnated contact phase of the porphyry. Banded at 600 to core. 558 - 560 ; 561 - 563, 568 -569, 571.5-573.5 -Lost Core.												
675	694	No core.												
694	699	Altered coarse andesite porphyrite with fine disseminated sulphides; core split.												
699	705	No core.												
705	797	Coarse andesite porphyritic. Scattered fine disseminated sulphides. Core split 707-775												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 15
SHEET NO. 4
LOGGED BY March Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		747 - 747.5 Quarts vein fairly well mineralized with threads and belbs sulphides. at 60* to core.												
		780 - 790 Altered porphyry with a very few sulphides; core split.												
797	831.5	Dark green uneven textured mottled with many pea-sized sub-angular altered phenocrysts (?) Sheared and vaguely banded altered andesite porphyrite.												
831.5	843.5	Fine grained dark green uneven textured altered vaguely banded; basaltic inclusion.												
843.5	898	Medium grained gray-green chloretized very uneven and altered with lighter gray blebs; mottled with fine light flecks. Resembles a fragmental but probably hightly altered lava impregnated and altered by the porphyry intrusive.												
898	904	Fine grained gree-n-gray massive even textured vaguely sheared,a banded andesite.												
	904	End of Hole.												

FORM 168 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION L No 16 Sta.30 S

DATE STARTED Oct. 28, 1944

DATE COMPLETED Nov. 8, 1944

CORRECTED DIPS			
COLLAR			

LATITUDE

DEPARTURE

ELEVATION

BEARING North

LENGTH

HOLE NO. S - 16 & S-16A

SHEET NO. 1

LOGGED BY ~~[illegible]~~ G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	74.0	Sand and Boulders 45* (2½ pipe broken) S-16												
0.0	80.0	" " 53* S-16A												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line N°20 Sta 29

DATE STARTED Nov. 9 1944

DATE COMPLETED Nov 28 1944

CORRECTED DIPS			
COLLAR	∠75°		

LATITUDE

DEPARTURE

ELEVATION

BEARING North

LENGTH 689'

HOLE NO. S - 17

SHEET NO. 1

LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	55	No Core.												
55	400	Dark bluish gray rockwith many threads and blebs of yellow epidote. Medium to fine grained fairly massive andesite. Fairly massive even textured with scattered dark mottled sections which appear to be highly altered chloretized phases.												
		67 - 6" Altered Andesite												
		70 - 71.5 " "												
		103 - 2" Altered Mottled material												
		106 - 109.5 Altered Andesite												
		127.5 - 129 Altered Mottled Andesite												
		157.0 - 158 Altered Mottled Andesite												
		166.5 - 167.5 Altered Mottled Andesite												
		192 - 193.5 Altered dark mottled chloretized Andesite.												
		204 - 206.5 Vein material 60% qtz. and a few Sulphides. Split.												
		250 - 275 No Core.												
		293 - 295 Silicified vein zone, well mineralized with pyrite.	Split.											
		316 - 320.5 Highly altered siliceous pink vein material with a very few sulphides. Split.												
		335 - 340 Very few fine sulphides (Split).												
		395 - 400 Highly altered silicified sections with fine disseminated sulphides. Split.												
400	434	Medium to fine grained green-gray chloretized massive even textured diorite with scattered fine pyrite.												
		407 - ½" Irregular calcite.												
		400 - 434 Core Split.												
434	539	Medium grained dark green rock very uneven textured mottled with many lighter sub-angular flecks and blebs. Resembles a fragmental but probably an altered andesite porphyritic. (contact phase).												
		475 - 500 No core.												
		490 - 495 Split core occasional sulphide.												
		515 - 525 Split slightly altered with a very few sulphides.												

FORM 166 SM-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 17
SHEET NO. 2
LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
539	550	Coarse andesite porphyrite large prominent light feldspar phenocrysts. 542 - 544 Lost core.												
550	575	No core.												
575	584	Highly altered sheared kaolinized material probably fault zone with a very few sulphides; rock appears to be altered phase of porphyry (core split).												
584	689	Fine grained gray-green uneven textured altered andesite porphyrite with scattered oat sized fuzzy lighter phenocrysts of feldspar. 605 - 615 Kaolinized fault zone 70* to core. 643.5-644.5 Lost Core. 666 - ½" Quartz 70* to core. Split.												
689		END of HOLE.												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line N°26 Sta 40 S

DATE STARTED Nov 29 1944

DATE COMPLETED Dec 28 1944

CORRECTED DIPS			
COLLAR	↙45°		

LATITUDE

DEPARTURE

ELEVATION

BEARING North

LENGTH 755'

HOLE NO. S - 18

SHEET NO. 1

LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0	80	Casing.												
80	668	Medium to coarse grained rock green-gray. Massive eventextured diorite.												
		80 - 116 Core Split ½" Qtz. at 96 45* to core.												
		125 - 150 No core.												
		150 - 155 Split												
		163 - 170 Split.												
		186 - Split, ½" qtz. at 185 and 19 45* to core.												
		200 - 225 No core.												
		236 - 238 Split.												
		258 - 260 Split ¼" Qtz. 45* to core at 259.												
		268 - 269 Split. Shear zone 30* to core												
		330 - 345 Split. Quartz vein 20* to core, 337-338.												
		320 - 355 Split; no visible sulphides.												
		380 - 382 Split. ¼" Qtz. carbonate stringer 20* to core.												
		406.4-407 Slip Split core 30* to core.												
		422 - 423 Split												
		426 - 427 Split ½" pink quartz 45* to core.												
		440 - 443 Split. 3" Pyrite at 441.												
		481 - 494 Fine grained mottled with many fine light feldspars.												
		520 - 525 Split. A very few sulphides.												
		575 - 600 Split. A very few fine sulphides, fine grained.												
		617 - 618 Split; ¼" Calcite stringers 80* to core.												
668	755	Fine grained gray to bluish gray slightly sheared massive even textured slightly siliceous andesite; threads of cherty and a very little epidote.												
		691 - 693 Split ½" irregular calcite at 692.5;a few scatt.sulph.												
		751 - 753 Split 1" Quartz 45* to core; very few sulphides.												
	755	END of HOLE.												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line No. 6 Pt. 43

DATE STARTED Nov 29 1944

DATE COMPLETED Dec 16 1944

CORRECTED DIPS			
COLLAR	↙44°		
900'	↙40°		

LATITUDE

DEPARTURE

ELEVATION

BEARING North

LENGTH 900'

HOLE NO. S - 19

SHEET NO. 1

LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0	7.5	No core.												
75	136.5	Fine grained green-gray very uneven textured mottled with fuzzy lighter pea-sized patches which represent altered feldspar phenocrysts sheared at 30* to core. Altered andesite porphyrite. 77 - 80 Split 1" quartz and pyrite at 78 -60* to core. 90 - 96 Split ½" at 91.9 70* to core. 107 - 111 Split 3" Quartz, and pyrite at 108.6, 40* to core.												
185	197	Fine grained bluish gray dense cherty massive fairly even textured rock similar to 136.5-164.5 with threads and blebs pyrite and irregular quartz carbonate threads.												
136.5	164.5	Fine grained cherty blue-gray massive fairly even textured andesite. (Altered Contact?) 157 -164.5 Split. 2" Quartz and pyrite at 158.2 at 80* to core.												
164.5	185	Fine to Medium grained massive gray-green even textured andesite. 164.5- Split. An occasional fine speck of pyrite.												
197	221	Fine grained light gray uneven textured highly altered rock with irregular threads of chlorite and some brownish epidote. Altered andesite ? with scattered threads and disseminated pyrite. 215 - 217 Split 2-1" Quartz and pyrite ribbons 45* to core.												
221	232	Fine grained to medium grained greenish-gray massive even textured slightly chloritized andesite or fine grained Diorite. 225 - 232 Split. A very few sulphides.												
232	405	Coarse grained chloretized green-gray massive even textured Diorite. 232 - 257 Split 2" Qtz. at 237 - 20* to core) A ½" " " 244 - 45* to core) very ½" " " 245 - 80* to core) few ½" " " 253 - 30* to core) sulphides. 272 - 275 Split ½" qtz. and pyrite 60* to core at 27; 290 - 305 Split ½" qtz. at 292; a very few sulphides. 315 - 335 Split ½" qtz.and pyrite 60* to core at 323; A very few sulphides. 1" quartz and pyrite at 333 70* to core. 342 - 360 Split. A very few scattered sulphides.												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

REMARKS

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 19
SHEET NO. 2
LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		362 - Slip. 40* to core.												
		386 - 388 Slip parallel to core												
		348 - 349 Ditto.												
		340 - 345 Split. 3" quartz vein at 342 at 50* to core, which contains a few sulphides. (Pyrite).												
405	475	Fine grained phase of above section.												
		427 - 428 Slip parallel to core.												
		430 - 535 Split 6" quartz vein at 432.5, well mineralized with fine pyrite.												
		467.5-472 Split 2" quartz at 468.5 45* to core. ½" qtz. at 471, 45* to core. A few sulphides in and immediately adjacent to vein.												
		575 - 600 No Core.												
		600 - 602 Split. 80% quartz and pyrite 20' to core.												
		604 - 607.5 Split. An occasional sulphide.												
		610 - 611.5 Split. 1" quartz and pyrite 40* to core.												
		617 - 620 Split. 3¼" Quartz and pyrite ribbons 90* to core.												
		630 - 632 Split. 3-¼" quartz and pyrite ribbons 45* to core.												
		647 - 649 Split. An occasional sulphide.												
648.5	656	Coarse andesite porphyrite with prominent oat-sized feldspar phenocrysts.												
656	816	Medium grained to fine grained dark green chloretized massive even textured diorite; becomes coarse grained and slightly sheared at 40* to core beyond 725.												
		688 - 689 Split. A few specks pyrite.												
		691 - 693.5 Split. Well mineralized with fairly coarse pyrite, section 691-692 60% quartz and pyrite 70* to core.												
		722 - 724 6" quartz with pyrite at 723.												
		735 - 740 Split. 5% Pyrite with a 6" quartz and pyrite at 737 at 35* to core.												
816	870	Fine grained to med. grain. massive even textured slightly chloretized dark-green diorite becomes very fine grained to end of section.												
870	900	Fine grained cherty dark green-gray uneven textured mottled with fine light flecks fine andesite porphyrite?												
900		END. ?												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line 26 Sta 44

DATE STARTED Dec. 3, 1944

DATE COMPLETED Dec. 17, 1944

CORRECTED DIPS			
COLLAR	↙ +5°		

LATITUDE

DEPARTURE

ELEVATION

BEARING North

LENGTH 586'

HOLE NO. S - 20

SHEET NO. 1

LOGGED BY M. Cooper (1)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0	50	No Core.												
50	95	Fine grained to Medium grained dark-green gray massive fairly even textured rock; probably a fine grained pahse of diorite.												
		58 - 65 Split.												
		76 - 81 Split. ¼" Quartz stringers 76.5 and 78.6 45* to core.												
		96.7 - Slip 20* to core.												
95	356	Medium to coarse grained dark green-gray massive even textured diorite												
		101 - 104 Split. Slightly sheared with a few quartz threads 45* to core; a very few sulphides.												
		110 - 116 Split. 1" Quartz 45* to core at 115.												
		151 - 156 Split. ½" Quartz 40* to core at 153.												
		163 - 165 Split. ½" Quartz 45* to core at 164.												
		173 - 175 Split.												
		210 - 212 Split. Well mineralized ¼" Quartz calcite at 211.8 60* to core.												
		218 - 219 Split. 1" Quartz calcite at 219 70* to core.												
		226 - 237 Split. ¼" Quartz stringers at 226.2 and 224 with quartz vein 229.5 to 230.2 70* to core; a few coarse sulphides.												
		237 - 238 Split. A few sulphides (Pyrite).												
		246 - 247 Split. Well mineralized 1" quartz, at 246.5-80* to core.												
		252 - 253 Split. A few sulphides ½" qtz.at 252.5 at 70* to core.												
		256 - 257 Split. ½" qtz. 45* to core.												
		273 - 274 Split. 1" quartz 35* to core.												
		283.6- ½" Quartz 35* to core.												
		308 - Slip 20* to core.												
		320 - 322 Split. ¼" quartz 70* to core.												
		347 ¼" quartz carbonate 20* to core; slip ?												
356	367.5	Dark fine grained andesite porphyrite with many oat-sized white prominent feldspar phenocrysts.												
367.5	501.5	As 95 to 356.												

FORM 16% 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 20
SHEET NO. 8
LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		385 - 387 Split. ½" Qtz. pyrite at 386, 70* to core.												
		397 - 398 Split. A very few fine sulphides.												
		425 - 431 Split. Quartz threads 80* to core at 427, 428, 429.												
		434 - 435 Split. ½" Quartz epidote 45* to core.												
		438 - 444 Split. A very few sulphides ¼" quartz 80* to core at 441.												
		447 - 448 Split.												
		480.5-481.5 Split. ¼" quartz 60* to core; A few fine sulphides.												
		487 - 488 Split. "												
501	541.5	Fine grained dark-gray uneven textured rock mottled with lighter gray fuzzy patches and blebs; fairly highly silicified; probably an altered porphyry (?) A few fine disseminated sulphides.												
541.5	565.5	Medium to fine grained green-gray sheared chloretized altered rock mottled with many lighter vague blebs which are probably altered feldspar phenocrysts, cheared andesite porphyrite with fine disseminated sulphides.												
565.5	586	Fine grained bluish-gray massive even textured andesite with scattered irregular threads of epidote and chlorite.												
		580 - 584 Split. Fine disseminated pyrite ½" quartz 45* to core at 581.												
	586	END of HOLE.												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line 16W Sta 42S

DATE STARTED Dec. 17, 1944

DATE COMPLETED Jan. 14, 1945

CORRECTED DIPS			
COLLAR	∠ 45°		
693'	∠ 42°		

LATITUDE

DEPARTURE

ELEVATION

BEARING South

LENGTH 693'

HOLE NO. S - 21

SHEET NO. 1

LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	82	Casing.												
82	95	Altered silicified vein zone with scattered robbons quartz. Fairly well mineralized with pyrite and some chalcopyrite. 89 - 91 Vein 70% quartz. Very well mineralized. (Split).												
95	1050	Fine grained dark green very uneven textured rockwith scattered fine fuzzy light feldspar phenocrysts. Altered fine andesite porphyrite. Some phases resemble a fragmental. 148 - 149 Pinkish-gray dense cherty altered section.												
150	169	Fine grained dark green-gray very uneven textured rock with rounded and sub-angular altered lighter pieces and blebs; either a fragmental a highly altered phase of the porphyry.												
169	180	Fine grained dark gray to black chloretized massive fairly even textured andesite with a very few scattered sulphides. 170 - 180 Core Split.												
180	198	Dense silicified cherty altered zone with scattered coarse sulphides. 180 - 198 Core Split. /(Pyrite).												
198	220	Dark gray-green coarse grained sheared highly altered rock with faint pea-sized lighter blebs which probably represent altered phenocrysts. Lost Core: 206-207, 208.5-210, 211.5-213.												
220	287	Fine to medium grained uneven textured dark gray-green mottled with faint tubular feldspar phenocrysts. Fine andesite porphyry. 231.5-234.5 Massive fine grained even textured chloretized andesite inclusion. 276.5-287 Split. Fairly well mineralized with pyrite.												
287	345	Dense cherty gray to pink mottled with fuzzy light feldspar. Syenite 333-345 Contact phase looses pink color and a more uneven texture. /porphyry.												
345	375	Dark green-gray. Somewhat uneven textured mottledwith faint fuzzy lighter feldspar phenocrysts. Altered fine andesite porphyrite. Lost core: 361.5-363, 365-366, 374-375.												
375	519	Dense cherty gray to pink very uneven textured altered rock with fuzzy light and dark mottling. Porphyry?												

FORM 165 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 21
SHEET NO. 2
LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		Lost Core: 377-378, 381-382.5, 390-392, 395-396, 402.5-405. 406 -Kaolinized material;fault 30* to core. Fault? 422-423 Lost Core. 497-498 Fault zone vaggy kaolinized material, 90* to core. 528-530, 543.5-545 - Lost Core.												
519	550	Medium dark green very uneven textured altered rock mottled with blebs and fuzzy patches of lighter gray material probably an altered andesite porphyrite, but it may be a fragmental: becomes finer grained beyond 611. 547.5-548.5 Lost Core.												
550	628	Medium grained dark green-gray sheared mottledwith many pin head sized light gray to white sub-angular feldspare. Fine sheared andesite porphyryte/shearing at 45* to core. 553-555 Lost Core, 568 - 573 Split, 627 - 628 Lost Core.												
628	650	Dense cherty somewhat uneven textured gray to pink highly altered syenite porphyry with very faint fine lighter phenocrysts. Core broken in 1" sections. 625.5-626.5, 630-631.5, 640-643.5, 648-650 Lost Core.												
650		Dense gray to dark gray with a few faintly pink cherty phases, very uneven textured with scattered pea-sized lighter fuzzy phenocrysts; andesite porphyrite. 660-661.5, 661.5-667.5, 671-672, 680-681.5, 683-687.5,) Lost 690-691,) Core 691-693 Dense pink cherty syenite porphyry.												
	693	END of HOLE.												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line 20W Sta 42.S.

DATE STARTED Dec. 18, 1944

DATE COMPLETED Jan. 12, 1945

CORRECTED DIPS			
COLLAR	∠44°		
749'	∠41°		

LATITUDE

DEPARTURE

ELEVATION

BEARING North

LENGTH 749'

HOLE NO. S - 22

SHEET NO. 1

LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0	70	Casing.												
70	424	Coarse grained dark green massive even textured diorite mottled with many fine light flecks at start of section.												
		103-111 Split. Scattered sulph. with 6" qtz.vein and 1" massive sulphides at 106.												
		133-134 Split. A few sulphides.												
		137-138 Split. A few sulphides.												
		175-200 No Core. 225-250 No Core.												
		250-275 Somewhat fine grained.												
		308-308.7 Split. A few sulphides and ½" quartz 60* to core.												
		3250372 No Core.												
		385-387, 390-91, 397-98-Split. Very few sulphides.												
		400-424 No Core. 426-427 Split. Very few sulphides.												
424	400	Dark gray andesite porphyrite dike; large prominent feldspar phenocrysts.												
400	580	Coarse grained dark green massive even textured diorite.												
		575-580 Split. No visible sulphides.												
580	625	As above, but finer grained.												
625	633	Fine grained dark gray uneven textured altered zone with faint light phenocrysts at start of zone section grading into a fine grained bended end tuffaceous lava from 627 to 633; probably contact altered material.												
633	656.5	Fine andesite porphyrite; dense dark groundmass; many light irregular feldspar phenocrysts, which are locally rounded by alteration.												

FORM 16% 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 22
SHEET NO. 2
LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SUL-PHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
656.5	705	Fine grained massive fairly even textured rock with scattered fine light phenocrysts dark gray in color. Fine andesite porphyry(?) Gradually grades into coarsephase of the porphyrite.												
		680-682 Altered silicified vein zone with 2" quartz and massive sulphides at 68] 45* to core. Pyrite pyrrhotite and some chalcopyrite.												
705	717.5	Fine grained dark green massive even textured andesite vaguely banded 70* to core with an occasional small speck of pyrite.												
717.5	749	Fine to medium grained very uneven textured gray-green altered rock mottled with darker sub-angular pieces. Fragmental.												
	749	END of HOLE.												

FORM 166 (M-5-50)

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

LEVEL

LOCATION Line 20 N Sta 44 S

DATE STARTED Jan 15, 1945

DATE COMPLETED Jan 26, 1945

REMARKS

CORRECTED DIPS			
COLLAR	∠ 44°		
705'	∠ 42°		

LATITUDE

DEPARTURE

ELEVATION

BEARING North

LENGTH 705'

HOLE NO. S - 23

SHEET NO. 1

LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	62	Casing.												
62	92	Massive dark green even textured fine grained diorite or medium grained andesite. 70 - 85 Core Split; scattered pyrite.												
92	120.5	Medium to coarse grained chloretized diorite porphyrite mottled with many fuzzy feldspars ? phenocrysts. Fine grained banded massive thinly bedded tuff or sheared andesite.												
123	144	Fine grained dark green chloretized porphyrite with many small feldspar phenocrysts; some phases closely resemble a fragmental. 143.5-144 gray quartz vein 60* to core; a few sulphides.												
144	151	Dark green chloretized massive even textured basalt or andesite.												
151	156	Fine grained dark green chloretized porphyrite with many prominent feldspar phenocrysts.												
156	158.5	Vein 90% quartz and chlorite; a very few sulphides. Core Split.												
158.5	165.5	As 144-151.												
165.5	197	Medium grained dark green chloretized massive even textured diorite. 173-197 Core split; a very few quartz threads and an occasional fine sulphide pyrite.												
197	215.2	Fine grained massive gray-green even textured andesite with occasional specks and blebs; sulphides and very few threads quartz. 200-205 Core split. 210-, 2B-215.2 - 2" Porphyrite dike.												
215.2	275	Medium grained chloretized dark green even textured diorite or diorite porphyrite with scattered fuzzy feldspar phenocrysts. 215.3- 3" Quartz well mineralized 45* to core; split. 215.2-220. Core split.												
275	304	Fine grained black massive even textured basalt chloretized with very faint phenocrysts toward end of section; probably a fine grained phase of the above.												
304	360	Medium grained chloretized black diorite. 296-308 Core Split; a very few threads of quartz 45* to core, and a few scattered sulphides. 326-334 Core Split; a very few threads of quartz 45* to core, and a few scattered sulphides.												

FORM 16% 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 23
SHEET NO. 2
LOGGED BY M. Cooper (?)

REMARKS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		346-348 Core Split; a very few threads of quartz at 90* to core; a fewscattered sulphides.												
360	375	As above section; a little finer grained. 363-364 Lost Core.												
375	400	No Core.												
400	450	Fine grained dark green chloretized massive even textured diorite. 401-447.0 Core Split; a very few quartz ribbons between 30 and 90*to core, with a few sulphides; pyrite, scattered pyrite, and chalcopyrite 415 to 425.												
450	587	Medium grained chloretized dark-green even textured massivediorite. 456-457 Split 2 1/16" quartz stringers 70* to core. 461-474 Core Split; very few quartz threadsand a few scattered fine pyrite cubes. 475-479 Split; very few ½" threads quartz 45* to core; a few scattered sulphides. 485 - 486 Split; very few ½" threads quartz 45* to core; a few scattered sulphides. 494 - 495 Split; 20% quartz and pyrite. 499 - 508 Split. 2% quartz in ½" threads 70* to core; a little pyrite in or near quartz threads.												
587	598	Fine grained massive even textured chloretized dark-green phase of diorite. 588-590 Split. 3" quartz vein at start of section, 10* to core with a very little pyrite.												
598	692	Medium to coarse grained massive even textured dark-green chloretized diorite. 660-661.5 Split. ½" quartz 30* to core.												
692	700.7	Fine grained black fine porphyritewith many oat-sized white feldspar phenocrysts; contacts at 45* to core.												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 23
SHEET NO. 3
LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
700.7	738	As 548 - 692. 720 - 722.5 No core. 733 - 738 Split. A very few threads quartz, 70 to 90* to core; a very few sulphides.												
738	744.5	Fine to medium grained dark-green chloretized diorite mottled with dark scattered flecks of hornblende? 743.5 - 744.5 Lost Core.												
744.5	765	As 598 - 692. 754 - 762 Core Split. Very few scattered sulphides.												
765		END of HOLE.												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

LEVEL

LOCATION Line D-W (New Survey)

DATE STARTED Jan. 15.1945

DATE COMPLETED Jan 29.1945

CORRECTED DIPS			
COLLAR	∠ 47°		

LATITUDE

DEPARTURE

ELEVATION

BEARING North

LENGTH 130 '

HOLE NO. S - 24

SHEET NO.

LOGGED BY

REMARKS

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SUL-PHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	130.0	Sand & Boulders.												

FORM 186 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION Line N°12 W. Sta 44 S

DATE STARTED Jan 27, 1945

DATE COMPLETED Feb. 18, 1945

CORRECTED DIPS			
COLLAR	∠ 44°		

LATITUDE

DEPARTURE

ELEVATION

BEARING North.

LENGTH 750'

HOLE NO. S - 25

SHEET NO. 1

LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0.0	140	Casing.												
140	150	Fine grained uneven textured dark-green rockwith fuzzy gray-green blebs and scattered fine light feldspar phenocrysts; fine andesite porphyrite?												
150	175	No Core.												
175	179	As 140 - 150												
179	183	Fine grained dark green massive even textured basalt.												
183	189	Feldspar porphyry dike with a 4" quartz stringer at start of section. Core split; a few coarse sulphides.												
189	198	As 179-183; vague suggestion of pea-sized phenocrysts.												
198	207	Coarse grained dark-green massive fairly even textured diorite. 200 Slip 45* to core.												
207	235.5	Fine grained massive gray to dark gray even textured slightly altered andesite: core broken in 3" lengths. 220-222 No core. 230.5-232.5 Coarse grained diorite.												
235.5	322.5	Coarse grained green massive even textured diorite becomes finer grained at 390. 247 - Slip 10* to core. 250 - 255 Split. Very few sulphides; ½" quartz vein 90* to core. 265 - 280 Split. Silicified altered with very few sulphides. 280 - 290 Split. Highly altered vein zone well mineralized with fine pyrite.												
322.5	325	Coarse dark-green andesite porphyrite with large light prominent phenocrysts.												
325	400	Fine grained dark green faintly porphyritic diorite. 308-310 Split. Very few sulphides. 330-334 Split. A few sulphides, and very little irregular quartz. 337-339 Split. Scattered pyrite and chalcopyrite with irregular quartz. 338-339. 342-349 Split. Scattered pyrite and chalcopyritewith irregular quartz. 347-347.5. 357-363 Split. Very few sulphides. 370-373 Split. Very few sulphides.												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 25
SHEET NO. 2
LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		375-390 Split. Very few sulphides; 2 quartz stringers ¼" 30* to core.												
400	450	No Core.												
450	600	Coarse grained massive even textured diorite.												
		461-468 Split. Well mineralized with pyrite and chalcopyrite.												
		468-469 No Core.												
		474-475 Split. 20% quartz; well mineralized with pyrite and chalcopyrite.												
		481-484 Split. Well mineralized with fine sulphides.												
		491-493 Split. A few fine sulphides.												
		519-525 Split. Altered silicified vein zone; 20% quartz in threads and irregular masses at 30* to core; well mineralized with fine pyrite and some chalcopyrite.												
		527-528 Split. Well mineralized.												
		532-535 Split. Well mineralized 5% quartz in threads 45* to core.												
		537-539 Split. Well mineralized 5% qtz in threads 45* to core.												
		547-548 Split. Very well mineralized with pyrite and chalcopyrite.												
		553-554 Split. A few sulphides.												
		555-556 Split. A few sulphides.												
		571-572, 575.2-577 -Split. A few sulphides 60* to core.												
		591.5 Split. 1" quartz stringers and pyrite, and pyrrhotite; 45* to core.												
600	603	Andesite porphyrite. Large oat-sized promin. feldspar phenocrysts.												
603.5	750	Coarse grained darkgreen diorite.												
		613-615, 686-687, 688-690 -Split. A few sulphides ¼" quartz stringers 80* to core.												
		715 - 1" Quartz 90* to core.												
		728.8 1" Massive pyrite and chalcopyrite, 45* to core; Split.												
	750	END. ?												

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS: East Sullivan-Goldora Boundary

LEVEL: Sta 700 ou 2 N
LOCATION: L 0+W (New Survey)
DATE STARTED: Jan 30,1945
DATE COMPLETED: Feb 17,1945

CORRECTED DIPS			
COLLAR	55*		
[illegible]	53*		
700'	50*		

LATITUDE
DEPARTURE
ELEVATION
BEARING: South
LENGTH: 715'

HOLE NO. S - 26
SHEET NO. /
LOGGED BY

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES
0.0	61.0	Casing	
61.0	84.3	Basic Fragmental Lavas. Coarse fragments.	
84.3	95.0	Altered fragm. Lavas, epidote rich, 1½" qtz,pyr.& chalco at 91.8	
95.0	200.0	Basic & intermediate fragmental lavas, fine fragments.	
		Fine fragments, shearing 127.0-128.8	
		Altered & epidote rich, 129.5-131.5	
		Flat qtz.carb. chlorite str. 136.3-138.6	
		More or less sperulitic from 177.0-200.0	
		Alteration & min. 196.0-198.0 , & min.	
		Alteration 187.5-188.8.	
200.0	234.7	Contact Zone	
		Lavas & Diorite, exact contact at 206.5.	
		Highly altered & epidote rich, nearly 50% epidote 200.0-20710	
		Well min. from 207.0, ½" qtz.str. at 202.7	
		Well min. 207.5-209.0, Very well min., epodote rich fracture	
		11' to core & with some quartz 216.5-223.3. 2" Mass.pyr.at 222.1.	
		Very well min. fracture 11' to core,epidote rich, 231.0-233.5.	
234.7	-329.7	Fine-grained diorite.	
		Sheared & min. 247.8-249.5, very well min. fracture 11' to core,	
		& with some quartz 252.1-254.5, 1" qtz Y pyr. str. at 264.0	
		Scattered pyr. thrs. 235.0-300.0	
		½" qtz carb. at 279.4, 281.9, 292.7,well min. 286.5-288.5.	
		Qtz.carb, epidote, pyrite 295.0-297.3	
		Chloritic & pyr. 297.3-300.0, Qtz-carb. pyr. str. 11' to core,	
		301.7-304.9, 1½" qtz-carb. pyr. chalco at 319.1.	
		Scattered pyr. cubes 309.0-329.0,½" qtz.carb. str. at 327.9, 328.4	
		Quartz-carb. chlorite 329.0-329.7	
329.7	336.8	Altered Lamprophyre	
336.8	484.2	Fine grained diorite, ½" qtz carb. str. at 339.3,397.3, 397.5,397.9	
		¼" qtz. & pyr. at 423.6, Tuffs 440.4-441.2,442.0-442.3.	
		Well min. at 441.3, 445.6, epidote,pyrite & chalco at 545.1	
		1" qtz-carb. str. at 460.2, 2" sil. min. at 464.6	
		Sil. & min. 468.3-470.0, 2" qtz-carb. Tourm. at 469.8	
		Chloritic & min. 479.0 - 481.0.	

FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.	AVERAGES % Cu.	% Zn.	OZS./TON Au.	OZS./TON Ag.
200 - 219	(all 1 & 2' samples Nil, Tr. or .20 DWTS).									
219 - 220	DWTS .80									
220 - 235		(all 1 & 2' samples Nil, Tr. or .20 DWTS).								
247 - 267		(all 1& 2' samples Nil, Tr. or .20 ").								
275 - 330		(all 1& 2' samples Nil, Tr. or .20 ").								
438 -446		(all 2' samples Nil or Tr.)								
453 -455	Tr									
460 - 461	-									
464 - 472		(all 1&2' samples Nil or Tr.)								
475 - 485		(all 1&2' samples Nil).								
561 - 563	.20									
613 - 614	Tr.									

FORM 166 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 26
SHEET NO. 2
LOGGED BY G. Rennot P.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
434.2	498.2	Acid altered fragmental Lavas												
498.2	522.0	Basic fragmental lavas fine - grained from 510.5 to 522.0												
522.0	625.0	Feldspar Porphyry (altered) Pitted core 528.8 - 529.3 Basic Fragmental Lavas 525.0 - 526.2 Basic Fragmental Lavas 528.3-528.8 Basic Fragmental Lavas 531.8 - 533.6 Pitted core at 562.0 ½" qts str. pyr. at 566.5 2" qts - carb. chlorite pyr at 613.5												
625.0	626.6	Altered chloritic frag. Lavas												
626.6	628.5	Feldspar Porphyry												
628.5	632.0	Altered chloritic frag. Lavas		(all 2' samples Nil, Tr. or .20")										
632.0	642.5	Mineralized and sheared Feldspar Porphyry (Louricourt Type) 1" pyr. str. at 639.7 2" Vqts and pyr. str. at 640.4 1" qts and pyr. str. at 642.2												
642.5	653.7	Sheared altered fragmental lavas well mineralized												
653.7	715.0	Altered reddish fragmental Lavas Broken core												
		End of Hole												

FORM 166 5M-3-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL

LOCATION L 12-W, Sta. 44+01 S

DATE STARTED Feb 19, 1945

DATE COMPLETED Mar 11, 1945

CORRECTED DIPS			
COLLAR	66*		
100'	63*	?	
325'	62*		
750'	61*		

LATITUDE

DEPARTURE

ELEVATION

BEARING North

LENGTH 752'

HOLE NO. S - 27

SHEET NO. 1

LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON ~~XXXXX~~	ASSAYS OZS./TON Au.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Au.
0.0	110.0	Casing							DWTS.					
110.0	180.0	Basic & intermediate fragmental lavas,												
		1" qtz-carb. pyr. at 142.3, ½" pyr. str. at 143.3												
		½" rusty str. at 146.0, Min. 150.5-154.0												
		¼" qtz-carb. pyr. at 155.4, 156.0, 162.7, 165.8, 166.6												
180.0	205.0	Spherulitic lavas												
205.0	227.1	Acid lavas												
227.1	260.0	Diorite.		142 -147	(All 1' samples Nil or Tr.)									
		1" Epidote & min. at 230.8, 1" qtz-feldsp. pyr. at 237.0		150 - 158	(All 1' samples Nil or Tr.)									
		Scatt. qtz-carb. thrs. 241.5-244.0, 4" epidote & min. at 243.4		162 - 167	(All 1' samples Tr. or .20 DWTS)									
		1" qtz-carb. pyr. at 245.4, 246.1, ½" qtz-carb. pyr. at 247.4		230 - 231	Tr									
		2" epidote & min. at 247.8, 2" Alteration & min. at 254.8.		236 - 248	(All 1' samples Nil or Tr.)									
260.0	266.5	Acid & Intermed. Fragmental lavas, min. 263.0-264.0		254 - 255	Tr									
266.5	268.0	F. gr. diorite		263 - 306	(All 1' samples Nil or Tr.)									
268.0	271.9	Feldspar Porphyry, scattered pyr.												
271.9	282.8	Diorite, ¼" qtz & pyr. at 275.1												
282.8	375.0	Coarse-grained Diorite, Min. at 284.3, ½" qtz.& pyr. at 293.7,												
		1½" qtz. & pyr. at 302.7							DWTS.					
		½" qtz.-carb. at 305.8												
		Vein Material 334.1 - 339.2. ($')		333 - 334					Tr					
		Qtz-carb. strs. & pyr. 50%		334 - 335					1.20					
		1" qtz str. at 347.4, Min. 352.0 - 353.0		335 - 336					.40					
		½" qtz. carb. pyr. at 354.5, ½" qtz. carb. pyr. at 361.2		336 - 337					.20					
				337 - 338					Tr					
				338 - 339					.20					
				339 - 340					Tr					
				347 - 367	(all 1' samples Nil, Tr. or .20 DWTS)									
375.0	752.0	Medium grained diorite, Min. at 379.1, ½" qtz at 389.7,												
		Well min. & sil. 431.2-432.3		378 - 393	(all 1' samples Nil)									
		½" qtz-carb. pyr. at 446.8, Wellmin. & slightly sil. 459.8-473.0		430 - 626	(all 1' samples Nil or Tr.)									
		Qtz.& pyr. 460.7-462.0, 1" sil. & min. at 462.7, 464.3, 465.8, 468.0,		663 - 664					.40					
		Qtz. & pyr. 469.5-470.8. 472.1.		664 - 665					.80					
				665 - 744	(all 1' samples Nil, Tr. or .20 DWTS).									

FORM 186 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 27
SHEET NO. 2
LOGGED BY G. Dumont (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
		1" sil. & min. at 477.0, 478.7, qtz.,pyr. & sil. min. diorite 479.1-480.0 ½" qtz-& pyr. at 480.4, 481.1, 482.3, 482.5, 482.7. Well sil. & min. 484.4-486.0, 1" qtz & pyr. at 507.3 2" sil. & min. at 550.6, 1" qtz. & pyr. at 552.4, ½" blue qtz. & pyr. at 553.5 2" qtz-carb. at 625.1 . Slightly sil. & min. 663.4-665.2. Sil. & min. 675.0-676.0, 1" Sil & min. at 679.3. Epidote rich 681.1-682.2, 1" qtz-carb. pyr. at 686.2 Slightly sil. & min. 692.2-694.2. Silicified 702.6-703.6. 2" sil. & min. at 723.8 ¼" qtz. & pyr. at 725.3. Well sil. & well min. 729.1-730.0, 731.5-734.7. Min. diorite 734.7-738.7, 1" qtz-carb. pyr. at 736.3. 2" qtz-carb. pyr. at 737.0, ½" qtz-carb. pyr. at 736.7 1" qtz.carb. pyr. at 737.8, 1" qtz. carb. pyr. at 738.5 1 qtz-carb. pyr. at 740.9 END of HOLE.												

FORM 186 5M-5-50

EAST SULLIVAN MINES LIMITED, DIAMOND DRILL RECORD

REMARKS

LEVEL
LOCATION
DATE STARTED
DATE COMPLETED

CORRECTED DIPS			
COLLAR			

LATITUDE
DEPARTURE
ELEVATION
BEARING
LENGTH

HOLE NO. S - 27
SHEET NO. 1
LOGGED BY M. Cooper (?)

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	% SULPHIDES	FOOTAGE	WIDTH	SAMPLE NUMBER	ASSAYS % Cu.	ASSAYS % Zn.	ASSAYS OZS./TON Au.	ASSAYS OZS./TON Ag.	AVERAGES % Cu.	AVERAGES % Zn.	AVERAGES OZS./TON Au.	AVERAGES OZS./TON Ag.
0	125	No Core.												
125	158	Fine grained dark green uneven textured rock mottled with faint light altered feldspar; altered andesite, porphyrite.												
		141-158 No Core.												
158	227	Fine grained gray to blue-gray cherty uneven textured rock with irregular threads of chlorite. Original character obscure but faint fuzzy mottling with dark gray blebs. Suggests a highly altered porphyry?												
227	272	Fine grained massive even textured diorite.												
		235-248 No core.												
		260-265 Highly altered dense cherty uneven textured section.												
		265-272 No core.												
272	282	Medium grained massive even textured diorite, slightly chloritic.												
282	375	Coarse grained massive even textured diorite.												
		315-320 Chopped core.												
		333-340 Split. Very well mineralized with pyrite and a very little chalcopyrite; a few irregular quartz threads.												
		347-348 Split. ½" Quartz vein 45* to core and a very few sulphides, pyrites, and chalcopyrite.												
		352-362 Mud seam reported by drillers. - No Core.												
375	500	No core.												
500	550	Coarse grained massive even textured diorite.												
		507 - 508 Split; a very few sulphides in ½" quartz ribbon.												