WOODWARD MINE

TUNNELS

Nº	LOCATION	PITCH
1	B Gangway Bennett to Cooper & Lance	Level
2	B. Gangway Red Ash to Ross, Bennett, & Cooper	"
3.	A Gangway Bennett to F Gangway Bennett (Fault)	"
4	Cha. 6 F Gy to East Gangway No 2 Plane, Bennett	"
5	Chamber 1, B Gangway to D. Airway, Bennett	"
6	A Gangway to D Gangway Bennett	"
6½	No 1 Shaft to No 2 Shaft, Bennett	"
7	Ross to Ross #1 West #2 Slope	Level
8	C. Gang. to G Gangway Red Ash	"
9	To grade No 1 Slope, Hillman (Rock Slope)	-15°
10	A Gangway Cooper to Lance & Fire Foot	1°
11	See list of Rock Planes (No 11 Rock Plane)	
12.	B Gangway to C Gangway Cooper (Fault)	Level
13	No 2 East 2 Slope to 2 West 1 Slope, Cooper (Fault)	
14	No 7 East 1 Slope Cooper to Bennett Vein (Ventilation)	-40°
15	G Gangway Red Ash to Top Red Ash	3°
16	Surface to No 1 Shaft. Water course below breaker	
17	See list of Rock Slopes (No 17 Rock Slope)	
18	No 1 West, #2 Slope Cooper to Lance Vein	
19	B Gy Cooper to Lance Vein	+5%
20	B. " " " (2nd opening for No 19 Tunnel)	+45°
21	No 2 West, #2 Slope Cooper to Lance Vein	
22	No 3 " No 2 " Cooper " (Fault)	
23	A Gangway Cooper to Lance Vein	
24	Abbott Vein, No 17 Slope, to No 27 Tunnel	-2%
25	See list of Slopes. (No 25 Rock Slope)	
26	No 2½ West, No 1 Slope Cooper to Lance	
27	Snake Island to Snake Island. No 17 Slope (Fault)	45°
28	West Gy. Hillman to Kidney Vein (2nd opening for No 25 Slope)	
29	No 1½ East No 1 Slope Cooper to Lance	
30	No 2½ West No 1 Slope, Cooper to Lance (2nd opening for 26 Tun)	+30°
31	Cha. 2. Road 83, Abbott to Snake Isla. (2nd opening for No 17 Slope)	+35°
32	Hillman to Hillman below 2 West #1 Slope. (2nd opening for 29 Tun)	
33	No 2 East Gang #1 Slope Cooper to Lance.	+30°
34	No 3 East of Cooper Slope	+5%
35	No 4 West " "	+5%
36	Cooper to Cooper (Grading No 1 Slope)	+2.5%
37	Baltimore to Hillman (From Road 116A)	35°
38	Lance to Lance (From Road 61A)	Level.
39	Cooper to Lance #4 West #1 Slope.	+5%
40	Lance To Five Foot from Lance	+47%
41	Lance to five foot from Road 60 & 21 Tunnel	+35°
42	Cooper to lance from #12 Tunnel Airway	
43	Hillman to Kidney from West of 26 Slope	
44	Lance to Five Foot (From #21-#19 Tunnel.	+5.1%
45	Cooper to Cooper. #2 West #1 Slope to #2 East #2 Slope	-2%
46	Road No 104. Lance to Five Foot to 44 Tunnel (2nd opening)	+35.
47	Road No 187. Balt. Thru. Fault to Five Foot Vn.	+1%
48	Five Foot to Kidney Road #213	
49	Second opening from #2 West #26 Slope Hill. Vn to Kidney Vn.	
50	Top Red Ash to Monkey Vn off B. Gang.	
51	Bott Red Ash To No 7 West Top Red Ash (2nd opening)	+45°
52	Hillman To Kidney (Cham #106 Road 286 (Hill)	+45°
53	Abbott to Abbott Rd #190A To #27 Slope	
54	Lance to Five Foot Rd #175	+16°
55	" " " "	+45°
56	Hillman to Kidney Slum Road 2nd opening.	+45°
57	Lance to Five-Foot Cha. 33 Road. 217	Lance
58	Hillman 4 East to Underlap	Hill.
59	No 1 West No 1 Slope Top Red Ash to Monkey Vn.	Level
60	5 Ft. to 5 Ft. off Road 213A, #40 Tunnel	
61	Lance to 5 Ft. Cha. A, Road #61A.	+45°
62	Hillman to Abbott off #2 Slope	+45°
63	Hillman to Kidney off Ch #57 #5 East No 1 Slope	+45°
64	New Tunnel off No 2 Tunnel Top R.A. to Balt. Vn	+1½%
65	New Tunnel off Ch. #104-Rd #312 Hillman to Kidney Vein	+45°
66	" " Rd. 417 Top Red Ash to T.R.A.	Level
67	" " " Rd. 418 " " " "	+10%
68	" " " Rd. 424 Kidney to Kidney	Level
69	" Nom No 1 Slope Hillman to No 25 Slope Kidney	-1%
70	" " Rd. 447 Cha. 82 Hill. to Kidney	+8%
71	" " " " 83 " " "	+3%
72	" " No 2 West #25 Slope Kidney To Kidney.	+10%
73	" " No. 60 Tunn Five Foot to Hillman	
74	" " Road 298 Hill to Kid.	+4%
75	New Tunn off #72 Tunn to Kid. Vn	
76	New Tunn Bennett Vn off 1 Gwy. West. sl.	Level.
77	Tunn Hillman to Kidney	-15°
78	" Kidney to "	-3%

HAULAGE ROADS

Nº	LOCATION	VEIN
20	West Gangway No 10 Tunnel	Lance
21	East Gangway No 13 Tunnel	"
22	West " "	"
23	East " No 18	"
24	West " "	"
25	West " off Chamber 4, A Gangway	"
26	Gangway off #1 West, #1 Plane	Bennett
27	Gangway off No 2 Counter, #1 West #1 Plane	"
28	Gangway West off Chamber 2, No 3 West No 1 Plane	"
29	Counter West off Chamber 6, No 5 West No 2 Slope	Red Ash.
30	Gangway West off No 3 West No 2 Slope	"
31	Chamber 43 No 2 West, No 2 Slope	"
32	Counter West off Chamber 32 No 1 West, No 2 Slope	"
33	" " " " 20 " " "	
34	Counter East off Chamber 12, No 3 West No 2 Slope	"
35	Counter West " " 6 No 4 West, No 1 Slope	Ross
36	Chamber 18 No 3 West No 1 Slope	
37	Chamber 1, Road 27	Bennett
38	Chamber 18 No 3 Counter No 1 Plane	"
39	Road to West off Chamber 6 No 1 West No 2 Slope	Ross.
40	Gangway East from bottom of No 2 Slope	"
41	Gangway West from Chamber 16, No 7 West No 1 Slope	Red Ash.
42	Counter West off Chamber 5 No 2 Slope	Hillman
43	Right of Chamber 30, No 2 West No 2 Slope	Red Ash
44	Counter off Chamber 13, No 6 East, No 1 Slope	Cooper
45	Right off No 3 Slope	"
46	Counter off No 4 West No 1 Slope	"
47	West Gangway No 10 Tunnel	Fire Foot
48	East " "	"
49	Left off Chamber 8, No 1 West, No 1 Slope	Hillman
50	Counter right off Chamber 6, No 1 West, No 1 Slope	"
51	Left of No 2 West Airway No 2 Slope	Cooper
52	Gangway West from No 2 Shaft	Top Red Ash.
53	Gangway East from foot of No 2 Slope	Red Ash.
54	Counter right Chamber 23 No 1 West No 2 Slope	Cooper
55	Gangway at Bottom of No 2 Slope	Hillman
56	Off No 1 West No 1 Slope	"
57	Counter left off Cha. A Road 50	"
58	West off No 1 Slope below No 5 West	Top Red Ash
59	East off Cha. 13, No 6 East Airway, No 1 Slope	Cooper
60	East from No 21 Tunnel	Lance
61	Gangway West from No 21 Tunnel	"
62	" " " No 22 "	Cooper
63	" " " No 17 Rock Slope	Abbott
64	East from Chamber 15, 6 East Airway No 1 Slope	Cooper
65	Gangway South west from Road 21A No 13 Tunnel	Lance
66	East from Chamber 6 Road 20A	"
67	" " " 4 Road 22	"
68	" " " 23 #6 East No 1 Slope	Cooper
69	" " No 23 Tunnel	Lance
70	" " Chamber 8 No 2 Slope	Hillman
71	West from Chamber 31, A Gangway	Lance
72	East from Chamber 1 Road 62 A, No 22 Tunnel	Cooper
73	West " " 13 No 3 West, No 2 Slope	Ross.
74	Counter off Chamber 20, No 6 East Airway, No 1 Slope	Cooper
75	Gangway West from Tunnel No 26	Lance
76	Gangway south east from No 1 Plane	Baltimore Bennett
77	Counter off D Airway (Near Chamber 8)	Cooper
78	Counter off Road 33	Red Ash
79	Counter left above Road 28	Bennett
80	Counter East from Chamber 30 A Gangway	Lance
81	West off Road 64	Cooper
82		
83	Gangway West from No 17 Slope	Abbott
84	West from Road No 6A	Cooper
85	Road off Road 63A No 17 Slope	Abbott
86	Road off No 9 West Airway No 1 Slope	Red Ash
87	Road off Road No 22A No 19 Tunnel	Lance
88	" Cham 4 Head of #2 Slope	Hillman
89	" East of 26 Tunnel	Lance
90	1st Lift West off No 17 Rock Slope	Snake Is.
91	3rd " " " "	"
92	West of 10th ch off Road 83 No 17 Slope	Abbott
93	North of Road 47 #10 Tunnel	5 foot
94	West of #1 Slope	Cooper
95	East Side No 23 Tunnel	Lance
96	" From 13 Cham Road 23 A	Lance
97	West From cham 10 Road 33 #2 Slope	Red Ash
98	Off B Gangway	Top R Ash
99	East from 8 Cham Road 83	Abbott
100	North from 1 cham Road 63	Abbott
101	Right of 14th cham Road 69	Lance
102	Left " " "	"
103	North of No 7 East No 1 Slope	Red Ash
104	Counter off Road 67A #19 Tunnel #2 Shaft	Lance
105	" " 62 #22 " #1 "	Cooper
106	West of 13th Cham #6 East #1 Slope	Cooper
107	East " 18th Cham Road #71	Lance
108	West " 48th " #½ West Gang #1 Plane	Bennett
109	North East of #3 Shaft	Baltimore
110	West of 20th Cham #1 West Gang #25 Rock Slope	Kidney
111	Road North west of 1 West Gang 2 Slope	Top R. A.
112	Road South west off #2 East Gang No 1 Plane	Bennett
113	" West off 27 Cham Road 83	Abbott
114	" off 47 Cham ½ West #1 Plane	Bennett
115	Road south west of 1 Cham Road 53A #1 Slope	Cooper
116	Road North East of Road 94	Baltimore
117	Off No 2 Tunnel #3 Shaft	Baltimore
118	Road off 1st Cham off Road 76	"
119	" No 2 Tunnel No 3 Shaft	"
120	" Off Cham 3 2 West #25 Rock Slope	Kidney
121	" North East of Road 93	5 Foot
122	" South West of Cha. 5. Road #92	Abbott
123	" South West of Tunnel 24	"
124	" North East of Cham. 35 B. Gang.	T. Red Ash
125	" " " " " 37 West Gang #2 Slope	Red Ash
126	" " " " " 5 Road 92	Abbott
127	" South West " " 6 " 86	Bennett
128	" North East " " 17 " 92	Abbott
129	" South West " " 10 " 83	"
130	" North East " " " 80	Lance
131	" West " #3 Shaft	Hillman
132	" East of #3 Shaft	
133	" North East of Cham. 4 A. Gangway	Lance
134	" South West " " 1 Road 69A	"
135	" " " " " 29 " 63A	Abbott
136	" " " " " 2 " 63	"
137	" North East " " 2 " 63	"
138	" To Right of " 129	"
139	" South West " " 7 " 75	Lance
140	" " " " " 18 " 69	"
141	" North East #34 Tunnel	"
142	" South West #34 "	"
143	" North East Cha. 17 Road 69 A	"
144	" South " " 3 " 69	"
145	" East of 6 East Gang. 1 Slope	T. Red Ash
146	" " " Cha 1-3 West 2 Slope	" "
147	" " " " 1-5 " 2 "	R. Ash.
148	" Left of " 24 Road 92	Abbott
149	" North East of 2 West 2 Slope	T.R. Ash.
150	" " " #3 Shaft	Lance.
151	" South West " 3 "	
152	" Right of Cha. 9 - 9 West 1 Slope	R. Ash.
153	" " " Road 151 A. #3 Shaft	Lance.
154	" East of Cha 58 Road 98 crossing Cha. 72	T. R. Ash
155	" Around 3 Shaft Pillar	R. Ash
156	" Left of Road 95	Lance
157	" " " " 102	"
158	" #2 Right of Road 103	R. Ash.
159	" " of Cha. 11 #3 West Gang.	Hillman.
160	" " of Road #187	Lance
161	" " of Cham 29 Road 80	"
162	" Right of #38 Tunnel	
163	" Left of Cham #65 Road #121	5 Ft.
164	" " " #1 Slope Airway	T. R. Ash
165	" Right " #6 East #1 Slope	T. R. Ash
166	" #2 Slope, North from Cha. #1	T. R. Ash
167	" North East of Cham #1 #2 West	Red Ash
168	" " " " " #65 Road 121	5 Ft.
169	" South West of Cha #8, #3 West Airway	Hillman
170	" South West of Cha #17 Road #144	Lance
171	" South West of Cha #6 Road #26	Checker
172	" South West of Cha #14½ Road 61A	Lance
173	" South West of Cha #12 Road 138	Abbott
174	" North East of Cha #24 Road 153	#3 Lance
175	" Right of #35 Tunnell	Lance
176	" Driving Left off Cha #6 Road 76A	Bennett
177	" " South West off Cha #25 Road 83	Abbott
178	" " " " " #39 " 26A	Checker
179	" " " " " # 3 " 172A	Lance
180	" " " " " #6 East #19 Slope	T. R. Ash
181	" " East off #35 Tunnell	Lance
182	" " West off Cha #152 Road 148	Abbott
183	" " East off #17 Slope	Abbott
184	" " S.W. off Cham #78 #4 West #1 Slope	Hillman
185	" " S.W. off Road 177 Between Cha's 130-132 #17 Slope	Abbott
186	" " S.W. off Road 172 " " 11-13 #38 Tunn	Lance
187	" " East off Cham #28 Road #94	Balt.
188	" " Cty #2½ East #1 Slope	Benn.
189	" " off Cha #3 Road 159 N-E.	Lance
190	" " East off Road 183	Abbott
191	" " Due East off #35 Tunnell	Lance
192	" " S-E off B Gangway	Cooper
193	" " S-W " Road #191	Lance
194	" " S-W " Cha #40 Road 131	Hillman
195	" " N-E " Road #192	Cooper
196	" S.W. " #25 Rock Slope #4 West	Kidney
197	" " 11 Cha 11 East Airway #1 Slope	Bot. R.A.
198	#2 Shaft Level	Abbott
199	East off #5 Slope Between #3 & 4 East	5 Foot
200	West " Rd #90	Sn. Island
201	East off 15 Cham Rd 132	Hillman
202	West off 17 " Rd 132	Hillman
203	SE off Rd 191	Lance
204	Counter West off 4th Cham. Rd 170	Lance
205	Road 194A to head of 26 Slope	Hillman
206	Counter from 15 Ch. Rd. 141 to Rd. 89A	Lance
207	" " Rd. 179 to Rd 172A	Lance
208	" " 32 Ch. Rd. 153	Lance
209	" East off 7th Ch. Rd. 116	Baltimore
210	" West " " " "	Balt.
211	" East " 12th " " 175A	Lance
212	Gang. " " 40 Tunn.	5 Foot
213	" West " "	5 Foot
214	" South East off Rd 193A near Rd 203	Lance
215	" West off Rd 203	Lance
216	" East off Rd 203	Lance
217	Gang West off No 47 Tunnel	Lance
218	" East Off No 47 Tunnel	Lance
219	Road East Off 11 Cham Road No 132	Hillman
220	" " " Road No 190A.	Abbott
221	" " " No 1 Slope	Hillman
222	" South East Off No 1 West Airway No 5 Slope	5 Foot
223	Ctr. Gang. " No 1 Slope	Bennett
224	Gang. West off Road 193A	Cooper
225	" " " "	Cooper
226	Ctr. Gang. off A. Gang	Cooper
227	East off First Lift No 17 Slope	Abbott
228	Gang off Road 153A No 3 Shaft	Lance
229	Gang off Road 198 No 2 Shaft	Abbott
230	Gang off No 27 Tunnel No 2 Shaft	Top R.A.
231	Gang West off No 4 Tunnel No 2 Shaft	Five Foot
232	Road East off Cha 18 Road 193A	Lance
233	Road West " " 18 " 193A	Lance
234	Road East off Road 137A	Abbott
235	Gang West off 1 West Air. No 26 Slope	Hillman
236	Gang East off 48 Tunnel Plane	Hillman
237	Ctr. Gang off 3 West No 1 Slope	Hillman
238	East off 113 Cham. Road 83A	Abbott
239	East off 43 Tunnel	Kidney
240	Road East off No 3 Ch. off Rd. 191 No 35 Tun.	Lance
241	Road East off No 2 Ch off Rd. 191 No 35 Tunnel	Lance
242	Road West off No 18 Ch off Rd. 191 No 35 Tunnel	Lance
243	Road West off No 14 Ch off Rd. 204 No 23 Tunnel	Lance
244	Road West off No 39 Ch off Rd 89 No 34 Tunnel	Lance
245	Road West off Road No 220	Cooper
246	Road East off No 2 Counter - B. Gang.	T.R. Ash
247	Road West off No 2 Cham. Road No 83.	Abbott
248	Road South off Rd. 239 No 43 Tunnel No 35 Shaft	Kidney
249	Road West off Rd 239 No 43 Tunnel No 3 Shaft	Kidney
250	Road West off Rd. 228 No 3 Shaft	Lance
251	Road West off No 48 Tunnel	Hillman
252	Road South off 198A No 2 Shaft	Abbott
253	Road West off No 8 Cham. - Road No 215.	Lance
254	Road East off No 8 Cham Road No 215	Lance
255	Road East off Rd 208 No 3 Shaft	Lance
256	Road West off Road No 90	Snake Island
257	Road East off No 27 Slope	Abbott
258	Road West off 21 Cha. 4 East No 5 Slope	Five Foot
259	Road East off 21 Cha. 4 East No 5 Slope	Five Foot
260	Road West off 86 Cha. 1 West No 5 Slope	Five Foot
261	Road East off 86 Cha 1 West No 5 Slope	Five Foot
262	Road West off 27 Slope	Abbott
263	Road East off No 3 Shaft	Kidney
264	Road South off No 12 West No 1 Slope	Bott R.A
265	Road East off 8 Cha. No 11 East No 1 Slope	Bott R.A
266	Road East off No 26 Slope No 3 Shaft	Hillman
267	Road West off No 26 Slope No 3 Shaft	Hillman
268	Road North West off Rd. 151A "	Lance
269	Road East off Rd. 185 No 17 Slope	Abbott
270	Road West off Rd 185 No 17 Slope	Abbott
271	Road North West off Road No 200A	Snake Island
272	Road East off Ch #18 Road 193A	Lance
273	Road West off Road 203A	Lance
274	Road West off Road 141A	Lance
275	Road East off Road 204-A	Lance
276	Road East Off Road #218 #3 Shaft.	Lance
277	Road East Off Road 205 #3 Shaft	Hillman
278	Road East off Road No 194A No 26 Slope	Hillman
279	Road East off Road No 278 No 26 Slope	Hillman
280	Road East off No 3 East No 26 Slope	Hillman
281	Road West off Road 251 No 48 Tun'l	Hillman
282	Road West off Cha. #1 off Road 119	Balt
283	Road West off No 2 Shaft	Kidney
284	Road West off No 10 West Airway	Bott R.A.
285	Road East off Cha. #11 No 11 East Awy. No 1 Slope	Bott R.A.
286	Road West off No 48 Tunnel	Hillman
287	Road West off Cha. #32 No 4 East No 1 Slope	Hillman
288	Road East off Road #217 No 3 Shaft	Lance
289	Road East off Road #69 No 23 Tun'l	Lance
290	Road East off Cham 15 off Road 141 A.	Lance
291	Road East off Cham. 29 off Road 290	Lance
292	Road East off Road No 241	Lance
293	Road East off Cham. 24 off Road 191A	Lance
294	Road West off Cham. 28 off Road 233	Lance
295	Road East off Cham 54 off Road 229	Abbott
296	Road East off No 2 Shaft	Kidney
297	Road East off No 5 East No 1 Slope	Hillman
298	Ctr. West off Road No 237 No 1 Slope	Hillman
299	Road West off Cha. #29 4 East No 1 Slope	Hillman
300	Road West off #2 Counter #2 Slope	Bott R.A
301	Off #16 Cha off Road 210	Baltimore
302	Off #125 Cham. off Road #286	Hillman
303	Off Road 249	Kidney
304	Ctr East off Rd 243. #23 Tunnel Section	Lance
	Shaft-Level Gang off #1 Slope to #3 Shaft	Bot R.A.
6	West West off 25 Slope #2 Shaft	Kidney
3	East - East off 25 Slope " "	"
305	East off Road 283	"
306	" " #52 Tunnel	"
307	South-east off #4 East 5 Slope. #2 Shaft	Five Ft
308	Rd West off 26 ch. Rd 231A #44 Tunnel	Five Ft
309	Gang off Rd 277	Hillman
310	Ctr off Rd 298	"
311	" " " 237	"
312	" " " 311	"
313	Gang off 5 West	Kidney
314	Gang. off Rd. 213A	5 Foot
315	Gang. off Rd. 207	5 Foot
316	Gang. off Rd. 207	5 Foot
317	Gang off Rd. 213	5 Foot
318	Gang. off 2 East No 27 Slope	Abbott
319	Gang. off No 27 Slope	Abbott
	No 2 West Gang. off No 27 Slope	Abbott
320	Road East & West off Ctr off Road 20 #2 Shaft	Lance
321	Road off Rd. 313 No 2 Shaft	Kidney
322	Road off No 4 East No 1 Slope	Hillman
323	Road off Rd. 286 No 48 Tunnel	Hillman
324	Road East off No 48 Tunnel	Kidney
325	Road East off Rd. 307	5 Foot
326	Road West off No 13 Plane No 54 Tunnel	5 Foot
327	Road East off No 13 Plane No 54 Tunnel	5 Foot
328	Road off Ch. 126 Road 302	Hillman
329	Road off Ctr. No 5 East No 1 Slope	Hillman
330	Road East off 21 Ch. Road 231A No 44 Tunnel	5 Foot
331	Road East off 21 Ch. Road 231A No 44 Tunnel	5 Foot
332	Road East off Road 317 No 40 Tunnel	5 Foot
333	Road West off 19 Ch. Road 281	Hillman
334	Road East off 28 Ch Road 94 No 37 Tunnel	Baltimore
335	Road West off No 6 West No 25 Slope	Kidney
336	Road East off No 48 Tunnel	Kidney
337	Road West off Road 324 No 48 Tunnel	Kidney
338	Road East off Road 303 No 48 Tunnel	Kidney
339	Road West off 5 West 25 Slope	Kidney
340	Ctr. Rd. West off Rd. 313A No 25 Slope	"
341	Road East off Rd. 243	Lance
342	Road off 3 West #26 Slope	Hill.
343	Ctr. West off Rd. 307	5 Ft.
344	Road East off 47 Tunnel	5 Ft.
345	Road East off 305 No 2 Shaft	Kidney
346	Road East off Rd. 271 No 17 Slope	Abbott
347	Road off Rd. 316 No. 5 Slope	5 Foot
348	Ctr. East off Rd. 307 " "	" "
349	Road west off Rd. 337 48 Tunnl	Kidney
350	Gang East off Rd 319 17 Slope	Abbott
351	ctr. off Rd. 198 2 Shaft	"
352	Rd right off ch. 57, 2 East, 27 slope, 17 slope	"
353	Rd. left " " " " "	"
354	Rd. " " 5 west, 25 slope, 2 shaft	Kidney
355	Rd. " " Rd. 231, #44 Tunnel, 2 shaft	5 Foot
356	Rd off cha. 46, Rd. 231 #44 Tunnel, 2 shaft	"
357	Rd. off cha. 57, #2 East, 27 slope, 17 slope	Abbott
358	Rd. west off Rd 319, 27 slope, 17 slope	"
359	Rd East " Rd 319A, " "	"
360	Rd. west " Rd. 319, " "	"
361	Rd East " cha 79 off ctr, off Rd 222A	Five Ft.
362	ctr. West off cha 80 " " " "	"
363	ctr East " " 115 off Rd. 317	"
364	ctr. West off " " " " "	"
365	Rd. West " cha. 128 off Rd 349	Kidney
366	Rd. " " #60 Tun. N	Five Foot
367	" East " "	"
368	" West " "	"
369	Road West below #1 West off #5 Slope	"
370	" East off Cha. 30 off Rd. #299	Hillman
371	" West off Rd 337 #48 Tunn.	Kidney
372	" East off Rd #319 #27 Slope	Abbott
373	" East off Cha. 33 off Rd #319-27 slope	Abbott.
374	Gwy East off 27 Cha. Rd 325A.	Five Foot
375	" West " 27 Cha Rd 325A.	" "
376	" Above Rd 175	Lance
377	" East off Road 306A No 48 Tunnel.	Kidney
378	" West off Rd. 366A. No 60 Tunnel	Five Foot
379	" West off 54 Cha. Rd 315-29 Tun'l	" "
—	No 1 West off No 27 Slope	Abbott
—	No 12½ West off No 1 Plane	B. R. Ash
—	No 13 " " " " "	" " "
380	Gang East off Ch B. Rd 302 No 48 Tun'l.	Hillman
381	" " " " " " " " "	"
382	" " " " " Rd. 336 " " "	Kidney
383	" West " Bott #1 Slope Hillman Vn.	Hillman

Conf'd Next Column.

SLOPES

Nº	LOCATION	PITCH	VEIN
4.			
5	South East from Road 48A		Five Foot
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17	Rock Slope Surface to Snake Island & Abbott Veins	-15°	
18			
19			
20			
21			
22			
23			
24			
25	Rock Slope. West Gy. Hillman to Kidney Vein	-12%	
26	Coal Slope West of #3 Shaft		Hillman
27	Coal Slope off Road No 190A		Abbott
28	Coal Slope opposite No 26 Slope		Hillman
29	Coal Slope off Road No 355		Five Foot
30	Coal Slope off East Gang off #Shaft		Hillman
31	Rock Slope off 29 Coal Slope	20%	Five Foot
32	Coal Slope off 96 & 97 Chas. Rd. 358	-15°	Abbott
33	" " " 61 & 62 " " 407	-18°	Lance
34	" " " chas. 100-101- Rd. 415	-12°	Hill.
35	" " " Cha. 75 Rd. 276	-8°	Hill.
36	" " " 31 Rock Slope	-12°	Lance
37	Rock " " Rd. 91 Sn. Is. to Sn. Is.	-5°	Sn. Is.
38	" " Hill to Kidney	-15	
39	Coal Slope off Road #584 - Baltimore Vein	-16	Balt.

PLANES

Nº	LOCATION	PITCH	VEIN
4.			
5			
6			
7			
8			
9			
10			
11	Rock Plane A Gang to C Gang. Cooper Fault	+15°	
12	Rock Plane Road 57 Hillman to Abbott	+45°	
13	Coal Plane		5 Foot
14	Rock Plane	+27%	Hill

HAULAGE ROADS Cont'd

Nº	LOCATION	VEIN
384	Gangway East No 29 Slope No 44 Tun'l	Five Foot
385	Gangway East off Ch "B" Rd 302 #48 Tunnel	Kidney Vn
386	Gangway East - No 29 Slope No 44 Tunnel	Five Foot
387	Gangway West off No 64 Tunnel off No 2 Tunnel	Bennett
388	Gangway West off #29 Slope No 44 Tunnel	Five Foot
389	Gangway East & West off Ch 58 Rd 360 #27 Slope	Abbott Vn
390	Ctr. West off 21 Ch. No 1 East No 48 Plane	Top Red Ash
391	Counter West off Ch #27 Road No 175A	Lance Vn
392	Gangway East off Ch 34 Road #280 No 26 Slope	Hillman Vn
393	Ctr East off East Gangway off #2 Shaft to #2 Slope	Hillman Vn
394	Ctr off Road #365 #48 Plane	Kidney Vn
395	Ctr West off Road #260 #5 Slope	Five Foot Vn
396	Ctr off Ch. #76 Road #361 Airway #5 Slope	Five Foot Vn
397	Gangway West off Ch. 77 Road No 383 No 1-Slope	Hillman Vn.
398	Gangway East off No 2 Slope Near Rd. 40A	Top Red Ash
399	Ctr off Ch. 126 Road No 366.	Five Foot
400	Gangway East off 6-East #25-Slope	Kidney Vn.
401	Gangway & Airway East No 2 Slope Airway	Top Red Ash.
402	Gangway & Airway West off Road No 326	Five Foot Vn.
403	Gangway & Airway East off Test Ch. "B" #48 Tunnel	Kidney Vn.
404	Gangway & Airway East No 2 Slope Airway	Top Red Ash
405	" " Left off #29 Slope	No 2 Shaft
406	" " Right off #29 Slope	No 2 Shaft
407	" " West off Cha #31 Rd #391	Lance Vein
408	" " East off #30 Slope	Hillman Vn.
409	" off Ch #91 Road #380	Hillman Vn.
410	" off No 29 Slope East	Five Foot Vn
411	" South - Road-375 No 2-Shaft	Five Foot Vn.
412	Gangway & Airway East No 2 Slope Airway	Top Red Ash
413	" " " "	Top Red Ash
414	Road West off 29 Slope	Five Foot
415	East off Test Cha "B"	Hillman
416	Ctr. off Cha. No 3 Road No 70 No 2 Shaft	Hillman
417	Test Cha "A" off No 2 Slope	Top Red Ash
418	" " "B" " " "	Top Red Ash
419	" " "A" Road No 367	Five Foot Vn
420	" " "B" " 367	Five Foot Vn
421	" " "A" Road No 303	Hillman
422	" " "B" " 303	Hillman
423	" " "A" Road No 336	Kidney
424	" " "B" " 336	Kidney
425	Roads off Test Cha off Road No 407	Lance
426	" off Cha. 83 Rd. 397 #1 Slope	Hillman
427	" " 96 & 82nd Cha's Road 360	Abbott
428	" Cha. 71 Rd. 402	Five Foot
429	West off Cha. 15 #4 West	Kidney
430	East off Cha. 69 Rd. 402	Five Foot
431	East off Cha. 7 (Balt. Slope) Road 187	Baltimore
432	West off 47 Tunnel No 3 Shaft	Five Foot
433	East " " "	Five Foot
434	West off No 30 Rock Slope No 2 Shaft	Kidney
435	East " " " "	Kidney
436	West off 83rd Cha Rd. 397 No 1 Slope No 2 Shaft	Hillman
437	Gangway & Awy East off Rd. 418 No 1 Shaft	Top Red Ash.
438	Gangway & Awy East off Cha. 96 Rd 427 #17 Slope	Abbott
439	Ctr. Gangway off Road 327 #5 Slope	Five Foot Vn
440	Gang East off Rd 408 #30 Slope	Hillman
441	" " " Cha 32 Rd. 360	Abbott
442	" " " Rd 420	Five Foot
443	Ctr off Cha 11 Rd 387	Bennett
444	Gang. West off #30 Slope	Kidney
445	Gang. East off #30 Slope Aw'y	Kidney
446	" & Air off 9th Cha. Rd 387	Bennett
447	Ctr off Cha. 83 Rd. 397 #1 Slope	Hillman.
448	" " " 100 " 415	Baltimore
449	" " " 26 " 411 #5 Slope	Five Foot.
450	Gang. & Air. East off Rd. 420	" "
451	Ctr. off Cha # 103 Rd. 403 48 Tunnel	Hillman
452	Gang. off 68 Tunnel	Hillman
453	" " Cha. 100 Rd. 413 48 Plane	Hillman
454	" " " 100 " " " "	"
455	Ctr. off Cha. 31 Rd. 400	Kidney
456	Gang " " 62 Rd. 432	Five Foot
457	Gang off No 72 Tunnel	Kidney
458	" " Rd 420 #40 Tun'l	Five Foot
459	Ctr. above Rd. 434 #3 Slope #2 shaft	Kidney
460	Ctr above Rd. 278 #3 shaft	Hillman
461	Cha. 94 10. off Rd. 41. #1 Slope	B.R.A
462	" Left off Rd 41A. #1 "	B.R.A
463	Gang. off. No 32 Slope (East)	Abbott.
464	" " " " (West)	"
465	Ctr. below Road 358 (Cha. 121)	"
466	" " " " (Cha. 117)	"
467	Ctr. off Road 373 (Cha. 28)	"
468	Ctr. off Road 373 (Cha. 22)	"
469	Ctr. off Cha. 81 Rd 338. #25 Slope	Kidney
470	Chas. 71 & 72 Rd. 338 #25 Slope	Kidney
471	Ctr. off Cha. 71 Rd. 338 #25 Slope	Kidney
472	Gy. East. off 71 Tun'l #1 Slope	Kidney
473	Ctr. off Cha. # 9. 4 East 25 Slope	Kidney
474	" East off Cha. 124. Rd. 358.	Abbott Vn
475	Ctr. West off Cha 80 Rd. 402 #5 Slope	Five Foot.
476	Rd. East off 33 Slope. #35 Tun'l	Lance Vn.
477	Ctr. West off. 9 East #25 Slope	Kidney
478	Gang. East. off Road 452 #68 Tunnel	Kidney
479	Gang West off Rd. 470	Kidney
480	Gang East off Rd. 470	Kidney
481	Ctr. off Road 438	Abbott.
482	Gang East off No 33 Slope	Abbott.
483	Gang West off No 33 Slope	Abbott.
484	Ctr. East off Cha. 7 Road No 309 #3 Shaft	Hillman
485	Ctr. East off Cha. 28 Road No 277 #2 Shaft	Hillman
486	Ctr. between Roads 391 and 407 #35 Tunnel	Lance
487	Cha's 79 & 80 off Rd 428	Five Foot
488	Off 67 Tunnel	T. Red Ash
489	Gang off No 33 Slope	Lance Vn
490	Ctr. off 32 Slope	Abbott Vn.
491	New Gang. off Rd. 420	Five Foot.
492	" " " " 470	Kidney
493	New Gang. off Rd. 462	Bott. Red Ash
494	" " " " 461.	
495	" " " #64 Tunnel	Bennett Vn
496	New Gang Right off 34 Slope	Hillman
497	New Gang off #64 Tunnel	Bennett
498	" " " Rd. 487	Five Foot
499	" " off Rd. 462	Bott Red Ash
500	" " " " 487	Five Foot
501	" Ctr. " " 439	" "
502	" Gang " " 432	" "
503	" " " #34 Slope	Hillman
504	" " " Rd #487	Five Foot
505	Ctr. left off Rd. 424 (48 Plane)	Kidney
506	Gang right off Rd 452 Air. (48 Plane)	Kidney
507	Gang Left off Rd #461 #1 Slope	Bott. Red Ash
508	Gang Right off. Rd #462 #1 Slope	Bott. Red Ash
509	Gang Left off #33 Slope	Lance Vn
510	Gang Right off #63 Ch. #57 Tun'l	Five Foot. Vn
511	" " off Rd. 483 #32 Slope	Abbott "
512	" Left " " 418	Top Red Ash
513	" Right " " #34 Slope	Hillman
514	" " " " "	"
515	" Left " #33 "	Lance
516	Ctr. Gang " Rd. 492	Kidney
517	Gang. Left " #34	Hillman
518	" " off #36 Slope	
519	Gang Left off Rd. 487	Five Foot
520	Gang. " " " 470	Kidney
521	Gang " Cha. 41 Rd 456 #47 Tun.	5 Ft.
522	Gang " Cha. 104 Rd 491 #6 Tunn	5 Ft.
523	Gang " Rd. 487	5 Ft.
524	Gang off #75 Tunnel #25 Slope	Kidney
525	Ctr. Gang off Ch #51 Rd # 492	Kidney
526	Gang right off #64 Tunn - Road #562	Baltimore
527	Gang left off #71 Tunn.	Kidney
528	New Rd off Rd. 511	Abbott
529	Gang. off Rd. 489 - 33 Slope	Lance
530	Ctr. off Rd 483	Abbott
531	" " " 513	Hillman
532	New Gwy off Rd 502	Five Foot.
533	Ctr. off Rd. 439	" "
534	New Gwy. off #2 Shaft.	Cooper.
535	" " " Rd. 525	Kidney
536	" " " Cha 28 - Rd. 492	Kidney
537	" Ctr. " Rd. 511	Abbott.
538	" " " Cha. 89	Hillman.
539	" Gwy " Rd. 523	Five Foot.
540	" Ctr. " Rd. 521	" "
541	" Ctr. West Ch. 16 Rd. 533	Five Foot.
542	" Ctr. East Ch. 16. Rd. 533	" "
543	" Gang off #503	Hillman
544	" " " #29 Slope	Five Foot
545	" " " Rd. 482 #32 Slope.	Abbott.
546	Ctr. off Rd. 543	Hillman.
547	Ctr off Cha #136	Abbott
548	New Gwy off. Cha. 45	Five Foot.
549	" " " #36 Slope	Lance.
550	Ctr off Road No 543	Hillman
551	Ctr off Road No 529	Lance
552	" " " 502	5 Foot.
553	Gwy off Rd 529	Lance
554	Gwy off Road #93	Five Foot
555	Ctr off Road No 503	Hillman

HAULAGE ROADS Cont'd.

Nº	LOCATION	VEIN
556	Ctr. off cha. 52 Rd. 482	Abbott
557	Ctr. off Rd 482 A.	Abbott.
558	Ctr. across tops of chas. off Rd's. 483 & 530	Abbott.
559	New Gangway off new #37 Slope	Snake I's'
	OFFLINE	
560	New Gangway straight off #37 slope	Snake I's'
561	New gangway back behind fault off Rd. 456	Five Foot.
562	New Gangway off #64 Tunnel	Baltimore
563	New Gangway off Road #559	Snake Island
564	Ctr off Road #512	Top Red Ash
565	New Gang off ch #16 Road #90	Snake Island
566	Gang. west off Road #462	Bott Red Ash
567	Gangway East off #38 Slope	Kidney
568	Gangway West off Rd #90 #17 Slope	Sn. Island.
569	Gangway West off Road #562 #64 Tun'l	Baltimore
570	Gangway West off Road #567 - #38 Slope	Kidney
571	Gangway off Road #90	Snake Island
572	Gangway off #32 Slope	Abbott
573	Gangway off Rd #570 - #38 Slope	Kidney
574	Gangway off Ch "B" - #64 Tun'l - (off Rd #576	Cooper
575	Gangway off Road #570	Kidney
576	Gangway off #64 Tun'l - (Cha's "A"-"B")	Bott-Cooper
577	Ctr off Road #567	Kidney
578	New Gangway off Road #574	Cooper
579	Ctr off Road #221 - #1 Slope	Hillman
580	New Gangway off "B" Gang	Top Red Ash
581	Gangway off Road #462	Bott. Red Ash
582	Ctr off Road #567 #38 Slope	Kidney
583	Gangway West off #47 Tun'l	Five Foot
584	Gangway off Road #562	Baltimore
585	Ctr off Road #221 - N.E. for robbing	Hillman
586	Gang West off Rd 576	Cooper
587	Ctr. off A. Gang.	Top Red Ash.
588	Gwy & Awy West off Rd #562	Checker
589		
590		