

April 1998

COMPOSITE.DOC

Descriptive Information on the Nanaimo Mines shown on the Composite Plans 1 to 14
compiled by R. Bone District Inspector/ Resident Engineer.

Sheet # 1

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| Dunsmuir # 1 Slope Wellington # 1 Seam | No opening or depression has been identified as to the exact location of the opening. Only the coal waste dumps are evidence of the area where the slope was put in. These can be seen from the Parkway at the junction with Jingle Pot Road. |
| #9 Wellington Slope Upper Wellington Seam | Foundations of the haulage equipment found during the construction of the Parkway. The entrance was partially opened by the road work but was re-sealed by M.O.T.H. |
| # 5 Slope next to # 1 Slope | No evidence found to date. Area was for sale for residential development. When disturbance of the surface occurs then the openings may be visible. |
| #1 Dunsmuir Shaft | Being used at the present time by the Nanaimo Golf Club to pump water out of the shaft to irrigate the course. The Club has recovered the top of the shaft with new timber on which the pump station is standing. There is also a fence around the area which is on the fence line of the seniors sub division. |
| Louden, Wende, Stronach, Wakeham & Carruthers | Only surface depressions found were openings existed. |
| # 2 & # 3 Wellington Shafts | Not found open only coal waste dumps in the area. |
| # 4 Wellington Shaft #4 " Air Shaft | Covered over by Parkway. Located on Willow Grouse Crescent. The concrete slab in front of the house cracked and the reason investigated. it was due to subsidence of the fill material. The concrete slab was removed and the area covered with gravel. A covered porch was built over part of the area. |
| # 6 Wellington Shaft | Reportedly filled with wood waste several years ago. Only small depression, Area covered with timber growth. |
| # 5 Wellington Air and Main Shaft | Located on Conlin Way. Both Shafts capped with 4 feet of re-inforced concrete under direction of R.Bone Dist Insp/ Res Eng. Specs on file. |
| Northfield Shafts | Both backfilled, but no signs of specific location is visible, other than the coal waste dumps behind Rosstown Road. |
| Chandler #2 Shaft #1 Shaft (sheet #3) | Location identified but no visual signs evident along Maxey Road. Located at the junction of East Wellington Road and Maxey Road in the corner house vegetable garden. This mine was eventually taken over by Dunsmuir under what is known as the Chandler encroachment, as the mine entered in to the Wellington Mines area and took out the coal of that mine. |

Little Ash Mine (West Wellington) No evidence of openings.

Sheet # 2 (Area under Parks Branch)

Fitzwilliam Mine (Newcastle Island) Only small subsidence of underground workings can be seen on the surface.

Newcastle Shaft (Newcastle Island) Shaft covered with a boiler with ends removed and placed on end.

Sheet # 2A

Northfield (Brechin Mine)
Adit and Shaft Area used by concrete batch plant. No openings visible.

Sage Workings (Newcastle Island) Openings sealed. Area under the jurisdiction of the Parks Branch.

Sheet # 3

Chandler # 1 Shaft Previously noted with #2 shaft (sheet # 1)

East Wellington Adit and Shaft backfilled at entrance to Cathers Sub Division. No openings visible.

#1 East Wellington Mine (Jingle Pot) Slope and shaft backfilled or collapsed, only coal waste dumps visible.

Sheet # 4

Wakesiah Mine
Main and Air Shafts The air shaft is covered by a pumping station shed (green) which provides water for the sports fields. The # 1 Main Shaft is in the ball park just inside the fence adjacent to the D.S.S playing fields. H₂S is produced out of the main shaft draining water which is directed in to a drain crossing the school playing field past the buildings to the road drains and then to the marsh, by then the H₂S has disipated. The H₂S has at one time caused a problem at the school as the gas was escaping from a grated manhole cover next to the library and being pulled in by the ventilation system. The System inlet was extended to the roof line of the building. I also recommended that the inspection cover be changed to a solid one.

H.B.C. Workings Openings not visible.
The City of Nanaimo uses the old workings for drains laid in the mine roadways. one of the mine entrances was behind the laundry on Front St. The top of the entrance could be seen but a retaining wall has been erected and now covers any visible signs.
Other entrances to the douglas seam are not visible , but the shaft (55ft) behind the Malaspina Hotel was drilled through by Aggra in 1996 for a foundation check.

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|---|---|
| Old Douglas Workings | The main adit next to Pagliacias Restaurant was sealed up by M.O.T.H when Nichol Street became the main highway. No other openings have been located to date. |
| #1 Nanaimo Mine | Presently under the rail tracks. |
| Protection Shaft | Re-capped with reinforced concrete in 1994, following the previous cover cracking and the side walls being breached by local idiots. |
| <u>Sheet # 4 A</u> | |
| | Shows the lower workings (Newcastle Seam)#1 Nanaimo Mine. |
| <u>Sheet # 5</u> | |
| Harewood Mine | Location of openings can be seen by a depression in the area but no access. |
| Furnace Portal (Biggs) | Location can be seen by surface depressions. |
| <u>Sheet # 6</u> | |
| Harewood Mine Shaft | Next to reservoir, filled in but small depression visible. |
| Douglas Slopes (3) | The three entrances are visible , two are sealed and one goes in about 7 metres to water. Access to the openings is by way of Ninth St then left down towards the Chase River across a over the river left along top of bluff then by goat track down edge of river. The other adit and shaft can not be located due to past activity in the area opposite Petraglyph Park The southern adit can not be located due to housing development. |
| Southfield # 3 and Air Shaft | Main shaft bacfilled but subsided. Air Shaft backfilled but subsided approx 6 metres, owner to fence. |
| Southfield #4 Slope and Shaft and Prospect Shaft | Area taken over by trailer park, no evidence of openings. |
| <u>Sheet # 7</u> | |
| Reserve Mine #1 & #2(Fan) Shafts | Both shafts have been capped with concrete, the strength of the concrete is not known. When the ground water levels are high to the winter months water drains from the # 2 Fan Shaft. A test of the water shows high levels of H2S above 10 parts per million during a pumping test carried out for the native band. |

Sheet # 8

Beban Mine

The shaft in the mine area was backfilled by Mac Blo when subsidence occurred. The adit entrance can only be seen as a depression on the surface. A coal waste dump is adjacent to the area. When this mine was worked, one of the roadways came to close to the Extention Mine workings and an inrush of water drowned three miners.

Chambers, Vancouver & Deerhome Mines

No openings located only depressions observed and dumps. A small open pit working was developed in the Chambers area managed by Steve Gardner some old workings found. The area was reclaimed, seeded and trees planted.

Sheet #9

#1 Extension

Main entrance collapsed with only concrete collar indicating the location and a large coal waste dump close by. Other adit entrances to the hill side never located.

Extention Prospect

Main adit backfilled some subsidence occurred allowing air to flow. During a 1988 inspection smoke was found issuing out of the small opening at the top of the backfill. Sealing of the opening was carried out by R. Bone and H. Armour and periodic checks were made for the next six months and the few next years and no further smoke or heating was detected. The two other openings were never found though some depressions were observed.

Southfield # 5 Shaft

Not located, would suspect that the area of the shaft and coal waste has been covered by the city garbage dump.

Southfield # 2 Slope

Depressions observed in the area of the slope. The Shaft was backfilled by C.P. about 1995 when the ties covering the shaft was set on fire and fell in. The other adits going under the rail track only observed as depressions or hollows to the sides of the banks.

South Wellington Mine

Only depressions visible with coal waste in the area.

Alexandria Slope

Only coal waste dump visible.

5 Slope South Wellington

Only coal waste dump visible. The Air Shaft on Dick Ave subsided about 1/2 metre in the front yard of one of the houses in 1996. The road side ditch had been dug out by the city prior to the area subsiding allowing surface water to exfiltrate in to the ground adjacent to the shaft location. The house owners were advised how to backfill the area. The owners said that they have never had a problem until the city dug the ditch, which they did not want doing.

Sheet # 10

Morden Shafts

Main shaft concrete capped by Parks 1983 specs on file.
 Air shaft re-inforced concrete cap constructed to Code in 1994 under direction of R.Bone Dist Insp/Res Eng.specs on file.
 Area of Main shaft and associated headframe and bunkers secured by mesh fencing.
 The area comes under the jurisdiction of the Parks Branch

Sheet # 11

Extension #2 Air Shaft
 Opening on outcrop

Not Located.

Sheet # 12

Extention Fan Shaft

Not located

White Rapids Mine

Main Entrance and Fan Shaft not found open. Coal waste found in the area.

8 Wellington Mine

Shaft and Slope position identified and found sealed

Lewis and Wilson # 2 Slope

Collapsed , other entrances not located. areas not readily accessible.

Extention # 4 Mine

Shafts well sealed location not visible, coal waste in the area.

Jacks Prospect

Not located.

Two No Name Adits

Not Located.

Shaft Discovered by Mac Blo

Filled in by Mac Blo Sept 1987.

10 South Wellington Mine
 - - Shaft

Entrance backfilled or collapsed in.
 Backfilled and adjacent adit collapsed.

Sheet # 13

#10 South Wellington Mine Shaft

Not located.

Gramby Mine Entrances

Collapsed in and no access available. Concrete fan structure broken down covering entrance.

5, 7 & 3 & # 2 Slope

Collapsed in and sealed off.

Sheet # 14

Timberlands Mine

Not Located. South of # 8 Mine.

7 Wellington Extention

Not located