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## LAMPIRAN



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**LAMPIRAN A. DATA LITOLOGI**

| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H172R    | 42,2           | 43,15           | CO       |
| BRCM03_H172R    | 20,15          | 21,7            | CO       |
| BRCM03_H171     | 14,6           | 16,35           | CO       |
| BRCM01_H123     | 22             | 24,5            | CO       |
| BRCM01_H176     | 36,2           | 36,7            | CO       |
| BRCM01_H181     | 4,75           | 8,1             | CO       |
| BRCM01_H193     | 7,45           | 8,95            | CO       |
| BRCM01_H194     | 1,8            | 4,7             | CO       |
| BRCM01_H195     | 7,1            | 10,3            | CO       |
| BRCM01_H198     | 13,1           | 16,25           | CO       |
| BRCM01_H199     | 39,6           | 42,65           | CO       |
| BRCM03_H170     | 21,05          | 24,75           | CO       |
| BRCM01_H125     | 48             | 48,45           | CO       |
| BRCM01_H174     | 46,8           | 47,9            | CO       |
| BRCM01_H183     | 23,55          | 24,8            | CO       |
| BRCM01_H183     | 24,8           | 25,05           | XM       |
| BRCM01_H183     | 25,05          | 25,55           | CO       |
| BRCM01_H199     | 6,4            | 6,9             | CO       |
| BRCM03_H168     | 41,6           | 41,8            | CO       |
| BRCM03_H169     | 33,95          | 34,6            | CO       |
| BRCM01_H122     | 11,8           | 13,7            | CO       |
| BRCM01_H124     | 29,5           | 31,1            | CO       |
| BRCM01_H125     | 6,4            | 8,7             | CO       |
| BRCM01_H174     | 23,45          | 25,35           | CO       |
| BRCM01_H177     | 24,1           | 24,3            | CO       |
| BRCM01_H177     | 24,3           | 24,35           | SC       |
| BRCM01_H177     | 24,35          | 25,35           | CO       |
| BRCM01_H200     | 12,6           | 14,5            | CO       |
| BRCM01_H201     | 40,6           | 42,65           | CO       |
| BRCM01_H202     | 6,8            | 8,7             | CO       |
| BRCM01_H203R    | 39,05          | 39,2            | CO       |
| BRCM01_H203R    | 39,2           | 39,25           | XM       |
| BRCM01_H203R    | 39,25          | 40,8            | CO       |
| BRCM01_H204     | 20             | 21,85           | CO       |
| BRCM01_H205     | 47,05          | 48,75           | CO       |
| BRCM03_H168     | 21,9           | 22,85           | CO       |
| BRCM03_H169     | 3,45           | 3,85            | CO       |
| BRCM01_H124     | 9              | 11,15           | CO       |
| BRCM01_H180     | 2,85           | 5,5             | CO       |
| BRCM01_H182     | 5,7            | 7,46            | CO       |
| BRCM01_H182     | 7,46           | 7,5             | SC       |
| BRCM01_H182     | 7,5            | 9,13            | CO       |
| BRCM01_H184     | 11,3           | 14,2            | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_H187     | 42,4           | 44,65           | CO       |
| BRCM01_H187R    | 40,6           | 40,95           | CO       |
| BRCM01_H187R    | 40,95          | 41,15           | XM       |
| BRCM01_H187R    | 41,15          | 44,4            | CO       |
| BRCM01_H188     | 44,5           | 44,65           | CO       |
| BRCM01_H188     | 44,65          | 44,75           | XM       |
| BRCM01_H188     | 44,75          | 47,2            | CO       |
| BRCM01_H201     | 8,9            | 11,5            | CO       |
| BRCM01_H203     | 21,6           | 23,3            | CO       |
| BRCM01_H203R    | 21,5           | 23,4            | CO       |
| BRCM01_H205     | 24,05          | 24,15           | CO       |
| BRCM01_H205     | 24,15          | 24,17           | XM       |
| BRCM01_H205     | 24,17          | 24,3            | CO       |
| BRCM01_H205     | 24,3           | 24,32           | XM       |
| BRCM01_H205     | 24,32          | 25,95           | CO       |
| BRCM01_H205     | 25,95          | 26              | SC       |
| BRCM01_H205     | 26             | 26,1            | XM       |
| BRCM01_H205     | 26,1           | 26,9            | CO       |
| BRCM01_H207     | 30,85          | 32,4            | CO       |
| BRCM03_H167     | 57,75          | 60,1            | CO       |
| BRCM01_H121     | 38,7           | 39,55           | CO       |
| BRCM01_H126     | 19,15          | 19,8            | CO       |
| BRCM01_H179     | 32,3           | 33,4            | CO       |
| BRCM01_H187     | 21,65          | 22,75           | CO       |
| BRCM01_H187R    | 21,65          | 22,75           | CO       |
| BRCM01_H188     | 14,75          | 15,9            | CO       |
| BRCM03_H167     | 13,25          | 14,37           | CO       |
| BRCM03_H167     | 14,37          | 14,4            | SC       |
| BRCM03_H167     | 14,4           | 14,45           | CO       |
| BRCM01_H121     | 11,1           | 12,9            | CO       |
| BRCM01_H121     | 12,9           | 13,05           | SC       |
| BRCM01_H121     | 13,05          | 13,25           | CO       |
| BRCM01_H127     | 15,3           | 17,05           | CO       |
| BRCM01_H127     | 17,05          | 17,13           | SC       |
| BRCM01_H127     | 17,13          | 17,6            | CO       |
| BRCM01_H150     | 41,7           | 44              | CO       |
| BRCM01_H159     | 64,3           | 66,6            | CO       |
| BRCM01_H163     | 49,1           | 50,8            | CO       |
| BRCM01_H164     | 45             | 46,85           | CO       |
| BRCM01_H167     | 1,35           | 2,25            | CO       |
| BRCM01_H168     | 4              | 5,7             | CO       |
| BRCM01_H169     | 35,35          | 37,55           | CO       |
| BRCM01_H170R    | 5,05           | 7               | CO       |
| BRCM01_H171     | 15,8           | 18,1            | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_H173     | 6,45           | 8,95            | CO       |
| BRCM01_H185     | 14,1           | 16,5            | CO       |
| BRCM01_H186     | 5,05           | 7,35            | CO       |
| BRCM01_H189     | 17,5           | 19,7            | CO       |
| BRCM01_H190     | 1,1            | 2,8             | CO       |
| BRCM01_H206     | 3,9            | 5,5             | CO       |
| BRCM01_H206     | 5,5            | 5,65            | XM       |
| BRCM01_H206     | 5,65           | 5,8             | CO       |
| BRCM01_H024     | 40,6           | 41,25           | CO       |
| BRCM01_H150     | 24,4           | 24,65           | CO       |
| BRCM01_H153     | 34,4           | 35,15           | CO       |
| BRCM01_H159     | 33,3           | 35,3            | CO       |
| BRCM01_H163     | 26,072         | 26,822          | CO       |
| BRCM01_H164     | 12             | 13              | CO       |
| BRCM01_H169     | 16,3           | 16,7            | CO       |
| BRCM01_H169     | 16,7           | 16,75           | SC       |
| BRCM01_H169     | 16,75          | 16,8            | CO       |
| BRCM01_H169     | 16,8           | 17,03           | MS       |
| BRCM01_H169     | 17,03          | 17,1            | CO       |
| BRCM01_D026A    | 37,299         | 39,168          | MS       |
| BRCM01_D026B    | 49,496         | 51,51           | MS       |
| BRCM01_D026C    | 94,319         | 96,432          | MS       |
| BRCM01_D026D    | 88,229         | 90,243          | MS       |
| BRCM01_H025     | 44,25          | 45,65           | CO       |
| BRCM01_H120     | 33,1           | 34,15           | CO       |
| BRCM01_H128     | 39             | 39,9            | CO       |
| BRCM01_H142     | 10,1           | 11,5            | CO       |
| BRCM01_H144     | 17             | 18,6            | CO       |
| BRCM01_H145     | 6,3            | 6,95            | CO       |
| BRCM01_H146     | 33,4           | 35,2            | CO       |
| BRCM01_H147     | 40,8           | 41,7            | CO       |
| BRCM01_H147     | 41,7           | 41,8            | PR       |
| BRCM01_H147     | 41,8           | 42,8            | CO       |
| BRCM01_H153     | 2              | 3,9             | CO       |
| BRCM02_H038     | 30             | 31,35           | CO       |
| BRCM03_H014     | 20,9           | 21,6            | CO       |
| BRCM03_H074     | 41             | 41,95           | CO       |
| BRCM03_H075     | 33,55          | 34,65           | CO       |
| BRCM01_D026A    | 8,711          | 10,272          | MS       |
| BRCM01_D026B    | 20,063         | 21,659          | MS       |
| BRCM01_D026C    | 61,084         | 62,268          | MS       |
| BRCM01_D026D    | 57,715         | 59,014          | MS       |
| BRCM01_D160A    | 34,4           | 35,943          | MS       |
| BRCM01_D160B    | 33,815         | 35,432          | MS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_D160C    | 10,779         | 12,379          | MS       |
| BRCM01_D160D    | 8,12           | 9,72            | MS       |
| BRCM01_H025     | 15,1           | 16,9            | CO       |
| BRCM01_H026     | 7,55           | 9,27            | CO       |
| BRCM01_H128     | 7,9            | 9,7             | CO       |
| BRCM01_H129     | 5,2            | 6,9             | CO       |
| BRCM01_H139     | 3,45           | 4,95            | CO       |
| BRCM01_H140     | 24             | 25,45           | CO       |
| BRCM01_H141     | 39,4           | 40,6            | CO       |
| BRCM01_H146     | 5,8            | 7,5             | CO       |
| BRCM01_H147     | 12             | 13              | CO       |
| BRCM01_H156     | 6,1            | 7,95            | CO       |
| BRCM01_H160     | 18,1           | 19,7            | CO       |
| BRCM01_H161     | 16,4           | 18,1            | CO       |
| BRCM01_H162     | 10,6           | 12,35           | CO       |
| BRCM02_H022     | 29,35          | 31,05           | CO       |
| BRCM02_H025     | 43,6           | 44,9            | CO       |
| BRCM02_H027     | 45,55          | 46,55           | CO       |
| BRCM02_H035     | 21,1           | 22,75           | CO       |
| BRCM02_H037     | 44,15          | 45,55           | CO       |
| BRCM03_H015     | 40,4           | 41,65           | CO       |
| BRCM03_H074     | 12,7           | 14,3            | CO       |
| BRCM03_H075     | 3,2            | 3,5             | CO       |
| BRCM03_H076     | 8,5            | 10,1            | CO       |
| BRCM03_H082A    | 45,559         | 47,095          | MS       |
| BRCM03_H128     | 35,3           | 37              | CO       |
| BRCM03_H136     | 38,35          | 40,05           | CO       |
| BRCM03_H149     | 5,65           | 7,2             | CO       |
| BRCM03_H150     | 6              | 7,65            | CO       |
| BRCM03_H151     | 3              | 4,65            | CO       |
| BRCM03_H152     | 4,3            | 6,1             | CO       |
| BRCM03_H153     | 7,3            | 9,05            | CO       |
| BRCM03_H154     | 2,8            | 4,7             | CO       |
| BRCM03_H155     | 2,25           | 3,65            | CO       |
| BRCM03_H156     | 12,8           | 14,55           | CO       |
| BRCM03_H157     | 7              | 8,65            | CO       |
| BRCM03_H160     | 5,05           | 6,85            | CO       |
| BRCM03_H161     | 10,5           | 12,2            | CO       |
| BRCM03_H162     | 4,91           | 6,65            | CO       |
| BRCM03_H164     | 2,95           | 4,45            | CO       |
| BRCM01_D026C    | 29,093         | 31,536          | MS       |
| BRCM01_D026D    | 23,721         | 26,183          | MS       |
| BRCM01_D160A    | 3,88           | 4,439           | MS       |
| BRCM01_D160B    | 1,825          | 2,228           | MS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_H023     | 41,5           | 43,5            | CO       |
| BRCM01_H132     | 1,5            | 2,5             | CO       |
| BRCM01_H133     | 2,97           | 5,2             | CO       |
| BRCM01_H135     | 2,8            | 5,2             | CO       |
| BRCM01_H136     | 6,8            | 10,7            | CO       |
| BRCM01_H137R    | 24,5           | 27,2            | CO       |
| BRCM01_H141     | 4,5            | 7,6             | CO       |
| BRCM02_H025     | 7,8            | 8,3             | CO       |
| BRCM02_H025     | 8,3            | 8,35            | PR       |
| BRCM02_H025     | 8,35           | 10,5            | CO       |
| BRCM02_H026     | 41,2           | 43,4            | CO       |
| BRCM02_H027     | 25,3           | 26,45           | CO       |
| BRCM03_H015     | 4,5            | 7,25            | CO       |
| BRCM03_H028     | 28,6           | 31              | CO       |
| BRCM03_H051     | 9,2            | 11,7            | CO       |
| BRCM03_H052     | 37,5           | 39,6            | CO       |
| BRCM03_H054     | 34,5           | 36,5            | CO       |
| BRCM03_H071     | 14,05          | 16,65           | CO       |
| BRCM03_H072     | 3,6            | 5,95            | CO       |
| BRCM03_H073     | 8,15           | 10,05           | CO       |
| BRCM03_H077     | 10,7           | 10,95           | CO       |
| BRCM03_H077     | 10,95          | 11              | XM       |
| BRCM03_H077     | 11             | 12,8            | CO       |
| BRCM03_H077R    | 10,55          | 10,75           | CO       |
| BRCM03_H077R    | 10,75          | 10,77           | XM       |
| BRCM03_H077R    | 10,77          | 12,6            | CO       |
| BRCM03_H078     | 5,75           | 7,95            | CO       |
| BRCM03_H079     | 5,05           | 7,5             | CO       |
| BRCM03_H080     | 3              | 4,15            | CO       |
| BRCM03_H081     | 7,8            | 10,05           | CO       |
| BRCM03_H082     | 3,8            | 6,75            | CO       |
| BRCM03_H082A    | 12,504         | 15,253          | MS       |
| BRCM03_H083     | 39,5           | 41,4            | CO       |
| BRCM03_H085     | 37,5           | 39,85           | CO       |
| BRCM03_H086     | 15,45          | 18              | CO       |
| BRCM03_H105     | 43,5           | 45,5            | CO       |
| BRCM03_H112     | 61,7           | 63,9            | CO       |
| BRCM03_H117     | 44,47          | 46,9            | CO       |
| BRCM03_H118     | 11,55          | 14,3            | CO       |
| BRCM03_H118R    | 11,35          | 13,25           | CO       |
| BRCM03_H120     | 5,15           | 8,1             | CO       |
| BRCM03_H122     | 4,2            | 7,05            | CO       |
| BRCM03_H124     | 33,95          | 36,15           | CO       |
| BRCM03_H127     | 1,95           | 2,95            | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H129     | 3,65           | 4,2             | CO       |
| BRCM03_H130     | 5,3            | 8,25            | CO       |
| BRCM03_H132     | 8,15           | 10,45           | CO       |
| BRCM03_H135     | 2,1            | 4,4             | CO       |
| BRCM03_H138     | 3,05           | 5,1             | CO       |
| BRCM03_H139     | 12,65          | 15,4            | CO       |
| BRCM03_H143     | 4,75           | 7,1             | CO       |
| BRCM03_H143R    | 4,85           | 7,4             | CO       |
| BRCM03_H146     | 12,15          | 14,7            | CO       |
| BRCM03_H165     | 3,25           | 6,05            | CO       |
| BRCM03_H166     | 51,4           | 52,75           | CO       |
| BRCM01_D026C    | 16,107         | 17,362          | MS       |
| BRCM01_D026D    | 11,625         | 12,769          | MS       |
| BRCM01_H023     | 26,6           | 27,65           | CO       |
| BRCM01_H130     | 8,55           | 9,25            | CO       |
| BRCM01_H131     | 12,7           | 13,7            | CO       |
| BRCM01_H134     | 8,55           | 10              | CO       |
| BRCM01_H137R    | 8,5            | 10,2            | CO       |
| BRCM02_H026     | 27,6           | 29,4            | CO       |
| BRCM02_H034     | 50,65          | 50,85           | CO       |
| BRCM02_H036     | 3,9            | 4,1             | CO       |
| BRCM02_H037     | 14             | 15              | CO       |
| BRCM03_H028     | 12,05          | 13,3            | CO       |
| BRCM03_H029     | 6,8            | 8,3             | CO       |
| BRCM03_H030     | 18,4           | 20,15           | CO       |
| BRCM03_H031     | 37,35          | 38,7            | CO       |
| BRCM03_H050     | 6,2            | 6,75            | CO       |
| BRCM03_H050     | 6,75           | 6,76            | XM       |
| BRCM03_H050     | 6,76           | 7,2             | CO       |
| BRCM03_H052     | 24,45          | 25,3            | CO       |
| BRCM03_H052     | 25,3           | 25,35           | XM       |
| BRCM03_H052     | 25,35          | 25,45           | CO       |
| BRCM03_H052     | 25,45          | 25,5            | XM       |
| BRCM03_H052     | 25,5           | 25,6            | CO       |
| BRCM03_H052     | 25,6           | 25,65           | XM       |
| BRCM03_H052     | 25,65          | 25,75           | CO       |
| BRCM03_H053     | 52,8           | 53,6            | CO       |
| BRCM03_H054     | 20,3           | 21,05           | CO       |
| BRCM03_H054     | 21,05          | 21,1            | XM       |
| BRCM03_H054     | 21,1           | 21,35           | CO       |
| BRCM03_H083     | 24,95          | 26,3            | CO       |
| BRCM03_H083     | 26,3           | 26,35           | XM       |
| BRCM03_H083     | 26,35          | 26,8            | CO       |
| BRCM03_H084     | 10,3           | 12              | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H085     | 23,05          | 24,8            | CO       |
| BRCM03_H088     | 9,35           | 10,17           | CO       |
| BRCM03_H088     | 10,17          | 10,19           | XM       |
| BRCM03_H088     | 10,19          | 10,65           | CO       |
| BRCM03_H105     | 25,7           | 26,8            | CO       |
| BRCM03_H112     | 49             | 50              | CO       |
| BRCM03_H117     | 29,8           | 30,7            | CO       |
| BRCM03_H117     | 30,7           | 30,77           | XM       |
| BRCM03_H117     | 30,77          | 30,85           | CO       |
| BRCM03_H121     | 2,5            | 3,25            | CO       |
| BRCM03_H121     | 3,3            | 3,8             | CO       |
| BRCM03_H123     | 5,95           | 6,95            | CO       |
| BRCM03_H123     | 6,95           | 6,97            | XM       |
| BRCM03_H123     | 6,97           | 7,35            | CO       |
| BRCM03_H123     | 7,35           | 7,43            | XM       |
| BRCM03_H123     | 7,43           | 7,5             | CO       |
| BRCM03_H124     | 19,5           | 21,2            | CO       |
| BRCM03_H125     | 4              | 4,33            | CO       |
| BRCM03_H125     | 4,33           | 4,41            | XM       |
| BRCM03_H125     | 4,41           | 4,47            | CO       |
| BRCM03_H166     | 37,62          | 38,47           | CO       |
| BRCM03_H166     | 38,47          | 38,5            | XM       |
| BRCM03_H166     | 38,5           | 38,9            | CO       |
| BRCM02_H021     | 35,4           | 36,85           | CO       |
| BRCM03_H013     | 44,9           | 46,1            | CO       |
| BRCM03_H016     | 30,7           | 31,33           | CO       |
| BRCM03_H017     | 27,5           | 28,81           | CO       |
| BRCM03_H053     | 11,6           | 11,7            | CO       |
| BRCM03_H097R    | 29,792         | 30,84           | CO       |
| BRCM03_H099     | 25,7           | 26,85           | CO       |
| BRCM03_H101     | 28,8           | 30,3            | CO       |
| BRCM03_H103     | 23             | 24,65           | CO       |
| BRCM03_H104     | 20,55          | 21,95           | CO       |
| BRCM03_H113     | 2,15           | 3,25            | CO       |
| BRCM03_H114     | 3,25           | 4,7             | CO       |
| BRCM03_H115     | 6,15           | 6,3             | CO       |
| BRCM03_H115     | 6,6            | 7,7             | CO       |
| BRCM03_H116     | 7,85           | 9,25            | CO       |
| BRCM03_H099     | 10,25          | 12,2            | CO       |
| BRCM03_H100     | 36,2           | 38              | CO       |
| BRCM03_H101     | 13,55          | 15,8            | CO       |
| BRCM03_H103     | 8,3            | 10,65           | CO       |
| BRCM03_H103R    | 8,45           | 10,7            | CO       |
| BRCM03_H104     | 3,85           | 6,45            | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H106     | 41,8           | 43,95           | CO       |
| BRCM03_H107     | 3,65           | 5,95            | CO       |
| BRCM03_H109     | 7,2            | 8,9             | CO       |
| BRCM03_H110     | 10,3           | 11,05           | CO       |
| BRCM03_H111     | 15,8           | 18,2            | CO       |
| BRCM01_H022     | 50,7           | 53,23           | CO       |
| BRCM01_H028     | 2,7            | 5,7             | CO       |
| BRCM01_H028     | 5,7            | 5,75            | PR       |
| BRCM01_H028     | 5,75           | 5,78            | CO       |
| BRCM01_H031     | 33,3           | 35,7            | CO       |
| BRCM01_H032     | 36,35          | 38,95           | CO       |
| BRCM01_H034     | 24,75          | 27,1            | CO       |
| BRCM01_H036     | 54,05          | 56,35           | CO       |
| BRCM01_H038     | 19,2           | 21,5            | CO       |
| BRCM01_H071     | 16,3           | 18,35           | CO       |
| BRCM01_H080     | 3,25           | 6,55            | CO       |
| BRCM01_H081     | 7,05           | 9,9             | CO       |
| BRCM01_H083     | 3,65           | 6,75            | CO       |
| BRCM01_H084     | 7,35           | 10,15           | CO       |
| BRCM01_H086     | 38,45          | 39,45           | CO       |
| BRCM01_H087     | 1,6            | 2,8             | CO       |
| BRCM01_H088     | 7,1            | 8,6             | CO       |
| BRCM01_H089     | 3,6            | 5,9             | CO       |
| BRCM01_H090     | 3,7            | 6,15            | CO       |
| BRCM01_H092     | 1,7            | 4,2             | CO       |
| BRCM01_H093     | 11,3           | 13,35           | CO       |
| BRCM01_H096     | 16,15          | 17,7            | CO       |
| BRCM01_H097     | 5,4            | 6,9             | CO       |
| BRCM01_H102     | 5,5            | 8,65            | CO       |
| BRCM01_H119     | 24,9           | 27,3            | CO       |
| BRCM02_H023     | 30,55          | 32,85           | CO       |
| BRCM02_H024     | 4,3            | 7,55            | CO       |
| BRCM02_H028     | 11,75          | 13,75           | CO       |
| BRCM02_H029R    | 35,65          | 37,85           | CO       |
| BRCM03_H013     | 6,7            | 8,1             | CO       |
| BRCM03_H019     | 14,75          | 17,7            | CO       |
| BRCM03_H020     | 38             | 41,6            | CO       |
| BRCM03_H021     | 10,85          | 13,43           | CO       |
| BRCM03_H021R    | 4,7            | 7,5             | CO       |
| BRCM03_H023     | 29             | 31,4            | CO       |
| BRCM03_H023R    | 28,5           | 30,9            | CO       |
| BRCM03_H024     | 1,3            | 3,9             | CO       |
| BRCM03_H025     | 42,3           | 44,6            | CO       |
| BRCM03_H026     | 41,4           | 43,7            | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H027     | 6,7            | 9,45            | CO       |
| BRCM03_H042     | 13,5           | 16,15           | CO       |
| BRCM03_H043     | 4,7            | 7,45            | CO       |
| BRCM03_H044     | 6,9            | 9,3             | CO       |
| BRCM03_H046     | 32,2           | 34,1            | CO       |
| BRCM03_H047     | 21             | 23,55           | CO       |
| BRCM03_H047     | 23,55          | 23,65           | PR       |
| BRCM03_H047     | 23,65          | 23,75           | CO       |
| BRCM03_H048     | 8,7            | 11,05           | CO       |
| BRCM03_H049     | 4,3            | 7               | CO       |
| BRCM03_H056     | 14             | 15,65           | CO       |
| BRCM03_H057     | 37,15          | 39,5            | CO       |
| BRCM03_H058     | 9,2            | 11,15           | CO       |
| BRCM03_H059     | 4,9            | 7,2             | CO       |
| BRCM03_H061     | 4,35           | 5,45            | CO       |
| BRCM03_H067     | 24,25          | 26,5            | CO       |
| BRCM03_H068     | 7              | 9,45            | CO       |
| BRCM03_H070     | 7,6            | 10,65           | CO       |
| BRCM03_H098     | 5,9            | 8,45            | CO       |
| BRCM03_H100     | 9,1            | 11,35           | CO       |
| BRCM03_H102     | 2,5            | 4,8             | CO       |
| BRCM03_H106     | 17,9           | 20,4            | CO       |
| BRCM01_H021     | 35,2           | 36,5            | CO       |
| BRCM01_H039     | 29,35          | 30,75           | CO       |
| BRCM01_H040     | 16,35          | 18,4            | CO       |
| BRCM01_H069     | 38,6           | 40,55           | CO       |
| BRCM01_H073     | 8,3            | 10,55           | CO       |
| BRCM01_H074     | 30,4           | 32,25           | CO       |
| BRCM01_H076     | 13,75          | 15,4            | CO       |
| BRCM01_H098     | 12,5           | 14,2            | CO       |
| BRCM01_H105     | 30,9           | 32,9            | CO       |
| BRCM01_H111     | 28,5           | 31              | CO       |
| BRCM01_H112     | 1,7            | 3,45            | CO       |
| BRCM01_H113     | 7,8            | 10,3            | CO       |
| BRCM02_H020     | 26,3           | 28,08           | CO       |
| BRCM02_H031     | 15,25          | 17              | CO       |
| BRCM02_H032     | 48,3           | 50,3            | CO       |
| BRCM03_H012     | 35,37          | 37,13           | CO       |
| BRCM03_H032     | 50,5           | 50,75           | CO       |
| BRCM03_H034     | 26,07          | 28              | CO       |
| BRCM03_H038     | 2,95           | 5,2             | CO       |
| BRCM03_H040     | 5,3            | 5,6             | CO       |
| BRCM03_H040     | 5,6            | 5,63            | XM       |
| BRCM03_H040     | 5,63           | 7,7             | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H041     | 4,3            | 6,7             | CO       |
| BRCM03_H063     | 1,95           | 3,1             | CO       |
| BRCM03_H064     | 9,5            | 10,25           | CO       |
| BRCM03_H065     | 8,7            | 8,8             | CO       |
| BRCM03_H065     | 8,8            | 8,95            | XM       |
| BRCM03_H065     | 8,95           | 10,8            | CO       |
| BRCM01_H021     | 21,1           | 22,55           | CO       |
| BRCM01_H065     | 30,3           | 31,9            | CO       |
| BRCM01_H069     | 14,2           | 15,5            | CO       |
| BRCM01_H074     | 5,05           | 6,45            | CO       |
| BRCM01_H111     | 3,75           | 5,05            | CO       |
| BRCM01_H118     | 8,4            | 9,6             | CO       |
| BRCM02_H007     | 47,55          | 49,1            | CO       |
| BRCM02_H019     | 55,05          | 56,3            | CO       |
| BRCM02_H032     | 22,45          | 23,9            | CO       |
| BRCM03_H032     | 14             | 15,15           | CO       |
| BRCM03_H034     | 2,2            | 3,4             | CO       |
| BRCM01_H014R    | 2,9            | 4,8             | CO       |
| BRCM01_H015     | 10,4           | 12,45           | CO       |
| BRCM01_H016     | 14,15          | 16,22           | CO       |
| BRCM01_H018     | 10,9           | 13,05           | CO       |
| BRCM01_H019     | 2,1            | 5,05            | CO       |
| BRCM01_H020     | 10,1           | 12,05           | CO       |
| BRCM01_H054     | 9              | 10,75           | CO       |
| BRCM01_H055R    | 4,75           | 6,5             | CO       |
| BRCM01_H058     | 6,9            | 9               | CO       |
| BRCM02_H002     | 59,3           | 61,2            | CO       |
| BRCM02_H010     | 6,6            | 8,45            | CO       |
| BRCM02_H010R    | 6,85           | 8,65            | CO       |
| BRCM02_H016     | 13,6           | 15              | CO       |
| BRCM02_H018     | 11,4           | 12,95           | CO       |
| BRCM02_H019     | 7,65           | 9,2             | CO       |
| BRCM03_H002     | 37,8           | 39,62           | CO       |
| BRCM03_H004     | 41,3           | 42,9            | CO       |
| BRCM03_H007     | 22,65          | 24,7            | CO       |
| BRCM03_H011     | 6,9            | 9,3             | CO       |
| BRCM01_H046     | 11,9           | 13,05           | CO       |
| BRCM01_H046     | 13,05          | 13,15           | XM       |
| BRCM01_H046     | 13,15          | 16              | CO       |
| BRCM01_H046     | 16             | 16,15           | XM       |
| BRCM01_H046     | 16,15          | 16,3            | CO       |
| BRCM01_H046     | 16,3           | 16,4            | CS       |
| BRCM01_H046     | 16,4           | 16,5            | CO       |
| BRCM01_H046     | 16,5           | 16,6            | XM       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_H046     | 16,6           | 16,75           | CO       |
| BRCM01_H007     | 30,6           | 34,2            | CO       |
| BRCM01_H011     | 18,15          | 22,23           | CO       |
| BRCM01_H001     | 33,2           | 33,93           | CO       |
| BRCM01_H002     | 52,1           | 53,5            | CO       |
| BRCM01_H001     | 2,2            | 2,3             | CO       |
| BRCM01_H199     | 13,2           | 13,7            | CO       |
| BRCM01_H024     | 2,96           | 3,26            | CO       |
| BRCM01_H142     | 40,35          | 40,7            | CO       |
| BRCM01_H151     | 12,1           | 12,9            | CO       |
| BRCM01_H157     | 4,4            | 4,6             | CO       |
| BRCM01_H157     | 4,6            | 4,9             | MS       |
| BRCM01_H157     | 4,9            | 5               | CO       |
| BRCM01_H159     | 11,45          | 11,6            | CO       |
| BRCM01_H159     | 11,6           | 12,05           | MS       |
| BRCM01_H159     | 12,05          | 12,4            | CO       |
| BRCM03_H014     | 29,2           | 29,5            | CO       |
| BRCM02_H021     | 21,2           | 21,88           | CO       |
| BRCM02_H034     | 21,1           | 21,3            | CO       |
| BRCM03_H013     | 26,41          | 27,6            | CO       |
| BRCM03_H016     | 14,77          | 15,55           | CO       |
| BRCM03_H017     | 9,4            | 10,15           | CO       |
| BRCM03_H021     | 32,1           | 33,25           | CO       |
| BRCM03_H023     | 48,4           | 48,85           | CO       |
| BRCM03_H023R    | 47,74          | 48,85           | CO       |
| BRCM03_H091     | 7,6            | 8,9             | CO       |
| BRCM03_H093     | 5,6            | 6,35            | CO       |
| BRCM03_H094     | 10,3           | 11,15           | CO       |
| BRCM03_H096     | 9,2            | 10,3            | CO       |
| BRCM03_H097     | 7,95           | 9               | CO       |
| BRCM03_H097R    | 7,95           | 9               | CO       |
| BRCM03_H098     | 28,5           | 29,55           | CO       |
| BRCM01_H029     | 13,15          | 14,5            | CO       |
| BRCM01_H030     | 26,2           | 27,6            | CO       |
| BRCM01_H078     | 3,1            | 3,9             | CO       |
| BRCM01_H082     | 3              | 3,75            | CO       |
| BRCM01_H085     | 17,1           | 17,7            | CO       |
| BRCM01_H101     | 7,2            | 8               | CO       |
| BRCM02_H021     | 15,4           | 16,7            | CO       |
| BRCM02_H028     | 49,3           | 50,15           | CO       |
| BRCM02_H034     | 16,65          | 16,85           | CO       |
| BRCM03_H013     | 24,1           | 25,3            | CO       |
| BRCM03_H016     | 13             | 14,18           | CO       |
| BRCM03_H017     | 5,2            | 5,92            | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H021     | 28,05          | 29,11           | CO       |
| BRCM03_H023     | 45,9           | 46,55           | CO       |
| BRCM03_H023R    | 45,44          | 46,21           | CO       |
| BRCM03_H023R    | 46,21          | 46,31           | PR       |
| BRCM03_H023R    | 46,31          | 46,66           | CO       |
| BRCM03_H091     | 3,9            | 4,85            | CO       |
| BRCM03_H091     | 4,85           | 4,9             | XM       |
| BRCM03_H091     | 4,9            | 5,25            | CO       |
| BRCM03_H092     | 2,65           | 3,85            | CO       |
| BRCM03_H094     | 7,91           | 8,31            | CO       |
| BRCM03_H094     | 8,31           | 8,32            | XM       |
| BRCM03_H094     | 8,32           | 9,25            | CO       |
| BRCM03_H095     | 3,1            | 4,15            | CO       |
| BRCM03_H096     | 6              | 7,3             | CO       |
| BRCM03_H097     | 6,55           | 7,65            | CO       |
| BRCM03_H097R    | 6,55           | 7,65            | CO       |
| BRCM03_H098     | 26,8           | 27,95           | CO       |
| BRCM02_H034     | 16,25          | 16,35           | CO       |
| BRCM02_H034     | 16,35          | 16,65           | PR       |
| BRCM01_H022     | 26             | 26,9            | CO       |
| BRCM01_H031     | 5,3            | 6,15            | CO       |
| BRCM01_H032     | 4,95           | 5,95            | CO       |
| BRCM01_H033     | 1,35           | 1,6             | CO       |
| BRCM01_H034     | 8,7            | 8,95            | CO       |
| BRCM01_H035     | 27,1           | 28,1            | CO       |
| BRCM01_H036     | 32,9           | 33,35           | CO       |
| BRCM01_H072     | 21,25          | 21,95           | CO       |
| BRCM01_H075     | 19,85          | 20,5            | CO       |
| BRCM01_H086     | 24,3           | 24,6            | CO       |
| BRCM01_H119     | 9,3            | 9,7             | CO       |
| BRCM02_H023     | 26,95          | 27,2            | CO       |
| BRCM02_H029R    | 13,1           | 14              | CO       |
| BRCM02_H030     | 33,2           | 34,05           | CO       |
| BRCM03_H018     | 22,5           | 23,58           | CO       |
| BRCM03_H020     | 21,75          | 21,85           | CO       |
| BRCM03_H022     | 5,4            | 5,7             | CO       |
| BRCM03_H023     | 12,7           | 12,96           | CO       |
| BRCM03_H023R    | 12,2           | 12,46           | CO       |
| BRCM03_H025     | 16,9           | 17,55           | CO       |
| BRCM03_H026     | 18,8           | 19,77           | CO       |
| BRCM03_H067     | 3,2            | 3,95            | CO       |
| BRCM01_H110     | 5,75           | 6,6             | CO       |
| BRCM01_H110     | 4,6            | 5,4             | CO       |
| BRCM01_H017     | 30,66          | 30,82           | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_H039     | 5              | 5,2             | CO       |
| BRCM01_H070     | 8,75           | 9,2             | CO       |
| BRCM01_H105     | 3              | 3,3             | CO       |
| BRCM01_H115     | 9,55           | 9,85            | CO       |
| BRCM02_H020     | 1,9            | 2,8             | CO       |
| BRCM03_H003     | 45,85          | 46,26           | CO       |
| BRCM03_H012     | 15,95          | 17,4            | CO       |
| BRCM03_H033     | 27,18          | 28,93           | CO       |
| BRCM01_H017     | 29,5           | 30,55           | CO       |
| BRCM01_H039     | 4,2            | 4,75            | CO       |
| BRCM01_H070     | 7,3            | 8,45            | CO       |
| BRCM01_H105     | 2              | 3               | CO       |
| BRCM01_H115     | 8,4            | 9,2             | CO       |
| BRCM02_H020     | 1,25           | 1,55            | CO       |
| BRCM03_H003     | 44,5           | 45,7            | CO       |
| BRCM03_H012     | 14,6           | 14,8            | CO       |
| BRCM03_H033     | 26,9           | 27,08           | CO       |
| BRCM01_H014     | 48,45          | 48,85           | CO       |
| BRCM01_H014     | 46,95          | 48,25           | CO       |
| BRCM01_H014     | 5,1            | 5,4             | CO       |
| BRCM01_H053     | 8,2            | 8,4             | CO       |
| BRCM01_H068     | 6,3            | 6,6             | CO       |
| BRCM02_H003     | 26,8           | 26,9            | CO       |
| BRCM02_H004     | 35,45          | 35,65           | CO       |
| BRCM02_H005     | 38,1           | 38,2            | CO       |
| BRCM02_H008     | 23,3           | 23,6            | CO       |
| BRCM03_H010     | 31,45          | 31,9            | CO       |
| BRCM01_H014     | 3,4            | 4,7             | CO       |
| BRCM01_H053     | 6,85           | 8,05            | CO       |
| BRCM01_H068     | 4,65           | 6,05            | CO       |
| BRCM02_H003     | 24,5           | 26,5            | CO       |
| BRCM02_H004     | 33,9           | 35,15           | CO       |
| BRCM02_H005     | 37,5           | 38,05           | CO       |
| BRCM02_H008     | 21,45          | 23              | CO       |
| BRCM03_H010     | 30,2           | 31,4            | CO       |
| BRCM01_H045     | 24,15          | 24,25           | CO       |
| BRCM01_H047     | 10,55          | 12,95           | CO       |
| BRCM01_H047     | 12,95          | 13,1            | XM       |
| BRCM01_H047     | 13,1           | 13,2            | CO       |
| BRCM01_H048     | 4,32           | 7,05            | CO       |
| BRCM01_H050     | 3              | 4,75            | CO       |
| BRCM01_H061     | 11,8           | 14,45           | CO       |
| BRCM01_H062     | 6,25           | 8,75            | CO       |
| BRCM01_H063     | 6,05           | 8,95            | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM02_H001     | 41,8           | 44,1            | CO       |
| BRCM02_H002     | 37,6           | 39,9            | CO       |
| BRCM02_H004     | 10,7           | 13,25           | CO       |
| BRCM02_H006     | 13,45          | 13,55           | CO       |
| BRCM02_H009     | 6,7            | 9,4             | CO       |
| BRCM02_H011     | 38,2           | 40,65           | CO       |
| BRCM02_H013     | 19,5           | 22,05           | CO       |
| BRCM03_H001     | 60,45          | 60,78           | CO       |
| BRCM03_H002     | 10,75          | 14,15           | CO       |
| BRCM03_H004     | 19,17          | 22,43           | CO       |
| BRCM03_H005     | 13,15          | 13,27           | CO       |
| BRCM03_H006     | 10,55          | 13,65           | CO       |
| BRCM03_H007     | 6,07           | 6,35            | CO       |
| BRCM03_H009     | 23,66          | 26,32           | CO       |
| BRCM03_H010     | 5,2            | 8,43            | CO       |
| BRCM02_H005     | 24,85          | 25,05           | CO       |
| BRCM02_H005     | 25,12          | 25,3            | CO       |
| BRCM01_H045     | 20             | 21,08           | CO       |
| BRCM01_H045     | 21,08          | 21,17           | XM       |
| BRCM01_H045     | 21,17          | 23,65           | CO       |
| BRCM01_H045     | 23,65          | 23,75           | XM       |
| BRCM01_H045     | 23,75          | 23,9            | CO       |
| BRCM01_H047     | 9,3            | 10,45           | CO       |
| BRCM01_H048     | 3              | 4,2             | CO       |
| BRCM01_H050     | 0,85           | 1,85            | CO       |
| BRCM01_H050     | 1,85           | 1,95            | XM       |
| BRCM01_H050     | 1,95           | 3               | CO       |
| BRCM01_H061     | 11,1           | 11,7            | CO       |
| BRCM01_H062     | 5              | 6,2             | CO       |
| BRCM01_H063     | 4,8            | 5,95            | CO       |
| BRCM02_H001     | 40,6           | 41,6            | CO       |
| BRCM02_H002     | 36,3           | 37,38           | CO       |
| BRCM02_H004     | 9,5            | 10,67           | CO       |
| BRCM02_H009     | 5,85           | 6,6             | CO       |
| BRCM02_H011     | 37,05          | 38,1            | CO       |
| BRCM02_H013     | 18,35          | 19,4            | CO       |
| BRCM03_H001     | 56,65          | 60,35           | CO       |
| BRCM03_H002     | 9,68           | 10,72           | CO       |
| BRCM03_H004     | 18,1           | 19,07           | CO       |
| BRCM03_H005     | 10,1           | 11,95           | CO       |
| BRCM03_H006     | 9,2            | 10,4            | CO       |
| BRCM03_H007     | 4,15           | 4,95            | CO       |
| BRCM03_H009     | 22,7           | 23,6            | CO       |
| BRCM03_H010     | 3,8            | 5,15            | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM02_H005     | 21,2           | 22,25           | CO       |
| BRCM02_H006     | 9,8            | 10,8            | CO       |
| BRCM02_H015     | 8,5            | 9,7             | CO       |
| BRCM02_H005     | 22,35          | 24,8            | CO       |
| BRCM02_H006     | 10,9           | 13,4            | CO       |
| BRCM02_H015     | 9,8            | 12,45           | CO       |
| BRCM01_H001     | 56,05          | 56,65           | CO       |
| BRCM01_H003     | 2,46           | 4,2             | CO       |
| BRCM01_H004     | 26,93          | 27,85           | CO       |
| BRCM01_H006     | 46,14          | 48,39           | CO       |
| BRCM01_H007R    | 30,531         | 31,3            | CO       |
| BRCM01_H009     | 8,35           | 9,1             | CO       |
| BRCM01_H010     | 8,85           | 9,55            | CO       |
| BRCM01_H013     | 4,97           | 7,15            | CO       |
| BRCM03_H008     | 14,48          | 15,4            | CO       |
| BRCM01_H001     | 53,4           | 55,95           | CO       |
| BRCM01_H003     | 1,85           | 2,4             | CO       |
| BRCM01_H006     | 45,45          | 46,04           | CO       |
| BRCM01_H007R    | 27,51          | 29,93           | CO       |
| BRCM01_H013     | 4,3            | 4,8             | CO       |
| BRCM01_H004     | 24,35          | 24,8            | CO       |
| BRCM01_H009     | 5,45           | 5,95            | CO       |
| BRCM01_H010     | 5,7            | 6,25            | CO       |
| BRCM03_H008     | 12             | 12,1            | CO       |
| BRCM01_H004     | 24,9           | 26,9            | CO       |
| BRCM01_H009     | 6,1            | 8,15            | CO       |
| BRCM01_H010     | 6,4            | 8,4             | CO       |
| BRCM03_H008     | 12,15          | 14,4            | CO       |
| BRCM01_H006     | 19,45          | 20,03           | CO       |
| BRCM01_H007     | 13,95          | 14,3            | CO       |
| BRCM01_H007R    | 11,1           | 11,5            | CO       |
| BRCM01_H006     | 18,8           | 19,3            | CO       |
| BRCM01_H007     | 13,2           | 13,55           | CO       |
| BRCM01_H007R    | 10,45          | 10,95           | CO       |
| BRCM01_H002     | 20,62          | 24,1            | CO       |
| BRCM01_H002     | 19,9           | 20,61           | CO       |
| BRCM03_H115     | 6,3            | 6,6             | XM       |
| BRCM03_H103R    | 3              | 3               | SS       |
| BRCM02_H008     | 8              | 8               | SS       |
| BRCM02_H009     | 2              | 2               | SS       |
| BRCM02_H012     | 3              | 3               | SS       |
| BRCM02_H013     | 3              | 3               | SS       |
| BRCM02_H017     | 11             | 11              | SS       |
| BRCM02_H018     | 10             | 10              | SS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_D026A    | 2,323          | 2,323           | SS       |
| BRCM01_D026B    | 1,848          | 1,848           | SS       |
| BRCM01_D026C    | 2,403          | 2,403           | SS       |
| BRCM01_D026D    | 2,764          | 2,764           | SS       |
| BRCM01_D160A    | 3,88           | 3,88            | SS       |
| BRCM01_D160B    | 1,825          | 1,825           | SS       |
| BRCM01_D160C    | 3,123          | 3,123           | SS       |
| BRCM01_D160D    | 3,54           | 3,54            | SS       |
| BRCM01_H001     | 2,1            | 2,1             | SS       |
| BRCM01_H002     | 2,95           | 2,95            | SS       |
| BRCM01_H003     | 1,7            | 1,7             | SS       |
| BRCM01_H004     | 3              | 3               | SS       |
| BRCM01_H005     | 3              | 3               | SS       |
| BRCM01_H006     | 3              | 3               | SS       |
| BRCM01_H007     | 3              | 3               | SS       |
| BRCM01_H007R    | 3              | 3               | SS       |
| BRCM01_H008     | 3              | 3               | SS       |
| BRCM01_H009     | 3              | 3               | SS       |
| BRCM01_H010     | 3              | 3               | SS       |
| BRCM01_H011     | 3              | 3               | SS       |
| BRCM01_H013     | 3              | 3               | SS       |
| BRCM01_H014     | 3              | 3               | SS       |
| BRCM01_H014R    | 2,9            | 2,9             | SS       |
| BRCM01_H015     | 3              | 3               | SS       |
| BRCM01_H016     | 3              | 3               | SS       |
| BRCM01_H017     | 3              | 3               | SS       |
| BRCM01_H018     | 3              | 3               | SS       |
| BRCM01_H019     | 2,1            | 2,1             | SS       |
| BRCM01_H020     | 3              | 3               | SS       |
| BRCM01_H021     | 3              | 3               | SS       |
| BRCM01_H022     | 3              | 3               | SS       |
| BRCM01_H023     | 3              | 3               | SS       |
| BRCM01_H024     | 2              | 2               | SS       |
| BRCM01_H025     | 3              | 3               | SS       |
| BRCM01_H026     | 3              | 3               | SS       |
| BRCM01_H027     | 3              | 3               | SS       |
| BRCM01_H028     | 2,5            | 2,5             | SS       |
| BRCM01_H029     | 3              | 3               | SS       |
| BRCM01_H030     | 3              | 3               | SS       |
| BRCM01_H031     | 3              | 3               | SS       |
| BRCM01_H032     | 3              | 3               | SS       |
| BRCM01_H033     | 1              | 1               | SS       |
| BRCM01_H034     | 3              | 3               | SS       |
| BRCM01_H035     | 3              | 3               | SS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_H036     | 3              | 3               | SS       |
| BRCM01_H037     | 3              | 3               | SS       |
| BRCM01_H038     | 3              | 3               | SS       |
| BRCM01_H039     | 3              | 3               | SS       |
| BRCM01_H040     | 3              | 3               | SS       |
| BRCM01_H041     | 3              | 3               | SS       |
| BRCM01_H042     | 2              | 2               | SS       |
| BRCM01_H043     | 3              | 3               | SS       |
| BRCM01_H044     | 3              | 3               | SS       |
| BRCM01_H045     | 3              | 3               | SS       |
| BRCM01_H046     | 3              | 3               | SS       |
| BRCM01_H047     | 3              | 3               | SS       |
| BRCM01_H048     | 3              | 3               | SS       |
| BRCM01_H049R    | 3              | 3               | SS       |
| BRCM01_H050     | 0,5            | 0,5             | SS       |
| BRCM01_H051     | 3              | 3               | SS       |
| BRCM01_H052     | 3              | 3               | SS       |
| BRCM01_H053     | 3              | 3               | SS       |
| BRCM01_H054     | 3              | 3               | SS       |
| BRCM01_H055R    | 3              | 3               | SS       |
| BRCM01_H056     | 3              | 3               | SS       |
| BRCM01_H057     | 3              | 3               | SS       |
| BRCM01_H058     | 3              | 3               | SS       |
| BRCM01_H059     | 3              | 3               | SS       |
| BRCM01_H060     | 3              | 3               | SS       |
| BRCM01_H061     | 3              | 3               | SS       |
| BRCM01_H062     | 2              | 2               | SS       |
| BRCM01_H063     | 3              | 3               | SS       |
| BRCM01_H064     | 3              | 3               | SS       |
| BRCM01_H065     | 3              | 3               | SS       |
| BRCM01_H066     | 3              | 3               | SS       |
| BRCM01_H067     | 3              | 3               | SS       |
| BRCM01_H068     | 3              | 3               | SS       |
| BRCM01_H069     | 3              | 3               | SS       |
| BRCM01_H070     | 3              | 3               | SS       |
| BRCM01_H071     | 3              | 3               | SS       |
| BRCM01_H072     | 3              | 3               | SS       |
| BRCM01_H073     | 3              | 3               | SS       |
| BRCM01_H074     | 3              | 3               | SS       |
| BRCM01_H075     | 3              | 3               | SS       |
| BRCM01_H076     | 10             | 10              | SS       |
| BRCM01_H077     | 3              | 3               | SS       |
| BRCM01_H078     | 3              | 3               | SS       |
| BRCM01_H079     | 3              | 3               | SS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_H080     | 3              | 3               | SS       |
| BRCM01_H081     | 3              | 3               | SS       |
| BRCM01_H082     | 1,5            | 1,5             | SS       |
| BRCM01_H083     | 3              | 3               | SS       |
| BRCM01_H084     | 3              | 3               | SS       |
| BRCM01_H085     | 3              | 3               | SS       |
| BRCM01_H086     | 3              | 3               | SS       |
| BRCM01_H087     | 1              | 1               | SS       |
| BRCM01_H088     | 3              | 3               | SS       |
| BRCM01_H089     | 3              | 3               | SS       |
| BRCM01_H090     | 3              | 3               | SS       |
| BRCM01_H091     | 3              | 3               | SS       |
| BRCM01_H092     | 1              | 1               | SS       |
| BRCM01_H093     | 3              | 3               | SS       |
| BRCM01_H094     | 3              | 3               | SS       |
| BRCM01_H095     | 3              | 3               | SS       |
| BRCM01_H096     | 3              | 3               | SS       |
| BRCM01_H097     | 3              | 3               | SS       |
| BRCM01_H098     | 3              | 3               | SS       |
| BRCM01_H099     | 3              | 3               | SS       |
| BRCM01_H100     | 12             | 12              | SS       |
| BRCM01_H101     | 3              | 3               | SS       |
| BRCM01_H102     | 3              | 3               | SS       |
| BRCM01_H103     | 3              | 3               | SS       |
| BRCM01_H105     | 1,5            | 1,5             | SS       |
| BRCM01_H106     | 2              | 2               | SS       |
| BRCM01_H107     | 20             | 20              | SS       |
| BRCM01_H108     | 2              | 2               | SS       |
| BRCM01_H109     | 3              | 3               | SS       |
| BRCM01_H110     | 3              | 3               | SS       |
| BRCM01_H111     | 3              | 3               | SS       |
| BRCM01_H112     | 1              | 1               | SS       |
| BRCM01_H113     | 3              | 3               | SS       |
| BRCM01_H114     | 3              | 3               | SS       |
| BRCM01_H115     | 3              | 3               | SS       |
| BRCM01_H116     | 2,5            | 2,5             | SS       |
| BRCM01_H117     | 2              | 2               | SS       |
| BRCM01_H118     | 2              | 2               | SS       |
| BRCM01_H119     | 3              | 3               | SS       |
| BRCM01_H120     | 3              | 3               | SS       |
| BRCM01_H121     | 3              | 3               | SS       |
| BRCM01_H122     | 3              | 3               | SS       |
| BRCM01_H123     | 3              | 3               | SS       |
| BRCM01_H124     | 3              | 3               | SS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_H125     | 2              | 2               | SS       |
| BRCM01_H126     | 3              | 3               | SS       |
| BRCM01_H127     | 3              | 3               | SS       |
| BRCM01_H128     | 3              | 3               | SS       |
| BRCM01_H129     | 3              | 3               | SS       |
| BRCM01_H130     | 1,5            | 1,5             | SS       |
| BRCM01_H131     | 1,5            | 1,5             | SS       |
| BRCM01_H132     | 1,4            | 1,4             | SS       |
| BRCM01_H133     | 2              | 2               | SS       |
| BRCM01_H134     | 2              | 2               | SS       |
| BRCM01_H135     | 2              | 2               | SS       |
| BRCM01_H136     | 2              | 2               | SS       |
| BRCM01_H137R    | 2,5            | 2,5             | SS       |
| BRCM01_H138     | 2              | 2               | SS       |
| BRCM01_H139     | 2              | 2               | SS       |
| BRCM01_H140     | 2              | 2               | SS       |
| BRCM01_H141     | 3              | 3               | SS       |
| BRCM01_H142     | 3              | 3               | SS       |
| BRCM01_H143     | 3              | 3               | SS       |
| BRCM01_H144     | 3              | 3               | SS       |
| BRCM01_H145     | 3              | 3               | SS       |
| BRCM01_H146     | 3              | 3               | SS       |
| BRCM01_H147     | 3              | 3               | SS       |
| BRCM01_H148     | 3              | 3               | SS       |
| BRCM01_H149     | 3              | 3               | SS       |
| BRCM01_H150     | 3              | 3               | SS       |
| BRCM01_H151     | 3              | 3               | SS       |
| BRCM01_H152     | 3              | 3               | SS       |
| BRCM01_H153     | 2              | 2               | SS       |
| BRCM01_H154     | 3              | 3               | SS       |
| BRCM01_H155     | 3              | 3               | SS       |
| BRCM01_H156     | 2              | 2               | SS       |
| BRCM01_H157     | 2              | 2               | SS       |
| BRCM01_H158     | 2              | 2               | SS       |
| BRCM01_H159     | 3              | 3               | SS       |
| BRCM01_H160     | 3              | 3               | SS       |
| BRCM01_H161     | 2              | 2               | SS       |
| BRCM01_H162     | 3              | 3               | SS       |
| BRCM01_H163     | 2              | 2               | SS       |
| BRCM01_H164     | 2              | 2               | SS       |
| BRCM01_H165     | 2              | 2               | SS       |
| BRCM01_H166     | 3              | 3               | SS       |
| BRCM01_H167     | 1              | 1               | SS       |
| BRCM01_H168     | 3              | 3               | SS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_H169     | 3              | 3               | SS       |
| BRCM01_H170     | 2              | 2               | SS       |
| BRCM01_H170R    | 2              | 2               | SS       |
| BRCM01_H171     | 2              | 2               | SS       |
| BRCM01_H172     | 3              | 3               | SS       |
| BRCM01_H173     | 3              | 3               | SS       |
| BRCM01_H174     | 2              | 2               | SS       |
| BRCM01_H176     | 2              | 2               | SS       |
| BRCM01_H177     | 2              | 2               | SS       |
| BRCM01_H178     | 3              | 3               | SS       |
| BRCM01_H179     | 1,5            | 1,5             | SS       |
| BRCM01_H180     | 2,75           | 2,75            | SS       |
| BRCM01_H181     | 2              | 2               | SS       |
| BRCM01_H182     | 2              | 2               | SS       |
| BRCM01_H183     | 2              | 2               | SS       |
| BRCM01_H184     | 2              | 2               | SS       |
| BRCM01_H185     | 2              | 2               | SS       |
| BRCM01_H186     | 2              | 2               | SS       |
| BRCM01_H187     | 3              | 3               | SS       |
| BRCM01_H187R    | 3              | 3               | SS       |
| BRCM01_H188     | 3              | 3               | SS       |
| BRCM01_H189     | 2,5            | 2,5             | SS       |
| BRCM01_H190     | 1              | 1               | SS       |
| BRCM01_H191     | 1,5            | 1,5             | SS       |
| BRCM01_H192     | 1,5            | 1,5             | SS       |
| BRCM01_H193     | 2              | 2               | SS       |
| BRCM01_H193R    | 2              | 2               | SS       |
| BRCM01_H194     | 1,7            | 1,7             | SS       |
| BRCM01_H195     | 2,5            | 2,5             | SS       |
| BRCM01_H196     | 1              | 1               | SS       |
| BRCM01_H197     | 0,5            | 0,5             | SS       |
| BRCM01_H198     | 2              | 2               | SS       |
| BRCM01_H199     | 2              | 2               | SS       |
| BRCM01_H200     | 3              | 3               | SS       |
| BRCM01_H201     | 3              | 3               | SS       |
| BRCM01_H202     | 3              | 3               | SS       |
| BRCM01_H203     | 2              | 2               | SS       |
| BRCM01_H203R    | 2              | 2               | SS       |
| BRCM01_H204     | 0,5            | 0,5             | SS       |
| BRCM01_H205     | 2              | 2               | SS       |
| BRCM01_H206     | 2              | 2               | SS       |
| BRCM01_H207     | 2              | 2               | SS       |
| BRCM02_H001     | 2              | 2               | SS       |
| BRCM02_H002     | 3              | 3               | SS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM02_H003     | 3,02           | 3,02            | SS       |
| BRCM02_H004     | 3,02           | 3,02            | SS       |
| BRCM02_H005     | 3              | 3               | SS       |
| BRCM02_H006     | 2              | 2               | SS       |
| BRCM02_H007     | 3              | 3               | SS       |
| BRCM02_H008     | 3              | 3               | SS       |
| BRCM02_H010     | 3              | 3               | SS       |
| BRCM02_H010R    | 3              | 3               | SS       |
| BRCM02_H011     | 3              | 3               | SS       |
| BRCM02_H014     | 3              | 3               | SS       |
| BRCM02_H015     | 2              | 2               | SS       |
| BRCM02_H016     | 3              | 3               | SS       |
| BRCM02_H018     | 3              | 3               | SS       |
| BRCM02_H019     | 3              | 3               | SS       |
| BRCM02_H020     | 1,25           | 1,25            | SS       |
| BRCM02_H021     | 3              | 3               | SS       |
| BRCM02_H022     | 3              | 3               | SS       |
| BRCM02_H023     | 3              | 3               | SS       |
| BRCM02_H024     | 3              | 3               | SS       |
| BRCM02_H025     | 3              | 3               | SS       |
| BRCM02_H026     | 3              | 3               | SS       |
| BRCM02_H027     | 3              | 3               | SS       |
| BRCM02_H028     | 3              | 3               | SS       |
| BRCM02_H029R    | 3              | 3               | SS       |
| BRCM02_H030     | 2              | 2               | SS       |
| BRCM02_H031     | 3              | 3               | SS       |
| BRCM02_H032     | 3              | 3               | SS       |
| BRCM02_H034     | 3              | 3               | SS       |
| BRCM02_H035     | 3              | 3               | SS       |
| BRCM02_H036     | 2              | 2               | SS       |
| BRCM02_H037     | 3              | 3               | SS       |
| BRCM02_H038     | 3              | 3               | SS       |
| BRCM03_H001     | 3              | 3               | SS       |
| BRCM03_H002     | 3              | 3               | SS       |
| BRCM03_H003     | 3              | 3               | SS       |
| BRCM03_H004     | 3              | 3               | SS       |
| BRCM03_H005     | 3              | 3               | SS       |
| BRCM03_H006     | 3              | 3               | SS       |
| BRCM03_H007     | 3              | 3               | SS       |
| BRCM03_H008     | 3              | 3               | SS       |
| BRCM03_H009     | 3              | 3               | SS       |
| BRCM03_H010     | 3              | 3               | SS       |
| BRCM03_H011     | 3              | 3               | SS       |
| BRCM03_H012     | 3              | 3               | SS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H013     | 3              | 3               | SS       |
| BRCM03_H014     | 3              | 3               | SS       |
| BRCM03_H015     | 3              | 3               | SS       |
| BRCM03_H016     | 3              | 3               | SS       |
| BRCM03_H017     | 3              | 3               | SS       |
| BRCM03_H018     | 3              | 3               | SS       |
| BRCM03_H019     | 2,5            | 2,5             | SS       |
| BRCM03_H020     | 3              | 3               | SS       |
| BRCM03_H021     | 3              | 3               | SS       |
| BRCM03_H021R    | 3              | 3               | SS       |
| BRCM03_H022     | 3              | 3               | SS       |
| BRCM03_H023     | 3              | 3               | SS       |
| BRCM03_H023R    | 3              | 3               | SS       |
| BRCM03_H024     | 1              | 1               | SS       |
| BRCM03_H025     | 3              | 3               | SS       |
| BRCM03_H026     | 3              | 3               | SS       |
| BRCM03_H027     | 3              | 3               | SS       |
| BRCM03_H028     | 3              | 3               | SS       |
| BRCM03_H029     | 3              | 3               | SS       |
| BRCM03_H030     | 3              | 3               | SS       |
| BRCM03_H031     | 3              | 3               | SS       |
| BRCM03_H032     | 1              | 1               | SS       |
| BRCM03_H033     | 3              | 3               | SS       |
| BRCM03_H034     | 2              | 2               | SS       |
| BRCM03_H037     | 3              | 3               | SS       |
| BRCM03_H038     | 2,5            | 2,5             | SS       |
| BRCM03_H040     | 3              | 3               | SS       |
| BRCM03_H041     | 3              | 3               | SS       |
| BRCM03_H042     | 3              | 3               | SS       |
| BRCM03_H043     | 3              | 3               | SS       |
| BRCM03_H044     | 3              | 3               | SS       |
| BRCM03_H046     | 3              | 3               | SS       |
| BRCM03_H047     | 3              | 3               | SS       |
| BRCM03_H048     | 3              | 3               | SS       |
| BRCM03_H049     | 3              | 3               | SS       |
| BRCM03_H050     | 3              | 3               | SS       |
| BRCM03_H051     | 3              | 3               | SS       |
| BRCM03_H052     | 3              | 3               | SS       |
| BRCM03_H053     | 3              | 3               | SS       |
| BRCM03_H054     | 3              | 3               | SS       |
| BRCM03_H056     | 3              | 3               | SS       |
| BRCM03_H057     | 3              | 3               | SS       |
| BRCM03_H058     | 3              | 3               | SS       |
| BRCM03_H059     | 3              | 3               | SS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H060     | 3              | 3               | SS       |
| BRCM03_H061     | 2              | 2               | SS       |
| BRCM03_H062     | 3              | 3               | SS       |
| BRCM03_H063     | 1,3            | 1,3             | SS       |
| BRCM03_H064     | 3              | 3               | SS       |
| BRCM03_H065     | 3              | 3               | SS       |
| BRCM03_H066     | 3              | 3               | SS       |
| BRCM03_H067     | 3              | 3               | SS       |
| BRCM03_H068     | 3              | 3               | SS       |
| BRCM03_H069     | 3              | 3               | SS       |
| BRCM03_H070     | 3              | 3               | SS       |
| BRCM03_H071     | 3              | 3               | SS       |
| BRCM03_H072     | 3              | 3               | SS       |
| BRCM03_H073     | 3              | 3               | SS       |
| BRCM03_H074     | 3              | 3               | SS       |
| BRCM03_H075     | 3              | 3               | SS       |
| BRCM03_H076     | 3              | 3               | SS       |
| BRCM03_H077     | 3              | 3               | SS       |
| BRCM03_H077R    | 3              | 3               | SS       |
| BRCM03_H078     | 3              | 3               | SS       |
| BRCM03_H079     | 3              | 3               | SS       |
| BRCM03_H080     | 3              | 3               | SS       |
| BRCM03_H081     | 3              | 3               | SS       |
| BRCM03_H082     | 3              | 3               | SS       |
| BRCM03_H082A    | 2,749          | 2,749           | SS       |
| BRCM03_H083     | 3              | 3               | SS       |
| BRCM03_H084     | 3              | 3               | SS       |
| BRCM03_H085     | 3              | 3               | SS       |
| BRCM03_H086     | 3              | 3               | SS       |
| BRCM03_H087     | 3              | 3               | SS       |
| BRCM03_H088     | 2              | 2               | SS       |
| BRCM03_H089     | 3              | 3               | SS       |
| BRCM03_H090     | 2,1            | 2,1             | SS       |
| BRCM03_H091     | 3              | 3               | SS       |
| BRCM03_H092     | 2,65           | 2,65            | SS       |
| BRCM03_H093     | 3              | 3               | SS       |
| BRCM03_H094     | 3              | 3               | SS       |
| BRCM03_H095     | 2,5            | 2,5             | SS       |
| BRCM03_H096     | 3              | 3               | SS       |
| BRCM03_H097     | 3              | 3               | SS       |
| BRCM03_H097R    | 3              | 3               | SS       |
| BRCM03_H098     | 3              | 3               | SS       |
| BRCM03_H099     | 2              | 2               | SS       |
| BRCM03_H100     | 3              | 3               | SS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H101     | 3              | 3               | SS       |
| BRCM03_H102     | 2,45           | 2,45            | SS       |
| BRCM03_H103     | 3              | 3               | SS       |
| BRCM03_H104     | 3,8            | 3,8             | SS       |
| BRCM03_H105     | 3              | 3               | SS       |
| BRCM03_H106     | 3              | 3               | SS       |
| BRCM03_H107     | 3              | 3               | SS       |
| BRCM03_H108     | 3              | 3               | SS       |
| BRCM03_H109     | 3              | 3               | SS       |
| BRCM03_H110     | 3              | 3               | SS       |
| BRCM03_H111     | 3              | 3               | SS       |
| BRCM03_H112     | 3              | 3               | SS       |
| BRCM03_H113     | 2,15           | 2,15            | SS       |
| BRCM03_H114     | 3              | 3               | SS       |
| BRCM03_H115     | 3              | 3               | SS       |
| BRCM03_H116     | 3              | 3               | SS       |
| BRCM03_H117     | 3              | 3               | SS       |
| BRCM03_H118     | 3              | 3               | SS       |
| BRCM03_H118R    | 3              | 3               | SS       |
| BRCM03_H120     | 3              | 3               | SS       |
| BRCM03_H121     | 2,5            | 2,5             | SS       |
| BRCM03_H122     | 3              | 3               | SS       |
| BRCM03_H123     | 3              | 3               | SS       |
| BRCM03_H124     | 3              | 3               | SS       |
| BRCM03_H125     | 3              | 3               | SS       |
| BRCM03_H126     | 3              | 3               | SS       |
| BRCM03_H127     | 1,95           | 1,95            | SS       |
| BRCM03_H128     | 3              | 3               | SS       |
| BRCM03_H129     | 3              | 3               | SS       |
| BRCM03_H130     | 3              | 3               | SS       |
| BRCM03_H131     | 1,25           | 1,25            | SS       |
| BRCM03_H132     | 3              | 3               | SS       |
| BRCM03_H133     | 3              | 3               | SS       |
| BRCM03_H134     | 3              | 3               | SS       |
| BRCM03_H135     | 2,1            | 2,1             | SS       |
| BRCM03_H136     | 3              | 3               | SS       |
| BRCM03_H137     | 3              | 3               | SS       |
| BRCM03_H138     | 2,5            | 2,5             | SS       |
| BRCM03_H139     | 2              | 2               | SS       |
| BRCM03_H140     | 3              | 3               | SS       |
| BRCM03_H141     | 3,05           | 3,05            | SS       |
| BRCM03_H142     | 2              | 2               | SS       |
| BRCM03_H143     | 2              | 2               | SS       |
| BRCM03_H143R    | 2              | 2               | SS       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H144     | 3              | 3               | SS       |
| BRCM03_H145     | 3              | 3               | SS       |
| BRCM03_H146     | 3              | 3               | SS       |
| BRCM03_H148     | 1,6            | 1,6             | SS       |
| BRCM03_H149     | 3              | 3               | SS       |
| BRCM03_H150     | 3              | 3               | SS       |
| BRCM03_H151     | 2,85           | 2,85            | SS       |
| BRCM03_H152     | 2,5            | 2,5             | SS       |
| BRCM03_H153     | 3              | 3               | SS       |
| BRCM03_H154     | 2,5            | 2,5             | SS       |
| BRCM03_H155     | 2              | 2               | SS       |
| BRCM03_H156     | 3              | 3               | SS       |
| BRCM03_H157     | 3              | 3               | SS       |
| BRCM03_H158     | 1,7            | 1,7             | SS       |
| BRCM03_H159     | 3              | 3               | SS       |
| BRCM03_H160     | 3              | 3               | SS       |
| BRCM03_H161     | 3              | 3               | SS       |
| BRCM03_H162     | 3              | 3               | SS       |
| BRCM03_H163     | 3              | 3               | SS       |
| BRCM03_H164     | 2,95           | 2,95            | SS       |
| BRCM03_H165     | 3,25           | 3,25            | SS       |
| BRCM03_H166     | 3              | 3               | SS       |
| BRCM03_H167     | 3              | 3               | SS       |
| BRCM03_H168     | 3              | 3               | SS       |
| BRCM03_H169     | 2              | 2               | SS       |
| BRCM03_H170     | 3              | 3               | SS       |
| BRCM03_H171     | 2              | 2               | SS       |
| BRCM03_H172     | 0              | 0               | SS       |
| BRCM03_H172R    | 0              | 0               | SS       |
| BRCM03_H173     | 2              | 2               | SS       |
| BRCM03_H174     | 2              | 2               | SS       |
| BRCM03_H175     | 2              | 2               | SS       |
| BRCM03_H176     | 2              | 2               | SS       |
| BRCM03_H177     | 2              | 2               | SS       |
| BRCM03_H178     | 2              | 2               | SS       |
| BRCM01_H008     | 31,8           | 32              | CO       |
| BRCM01_H014     | 4,9            | 5,05            | CO       |
| BRCM01_H032     | 18,2           | 18,55           | CO       |
| BRCM01_H036     | 4,2            | 4,4             | CO       |
| BRCM01_H036     | 40,5           | 40,8            | CO       |
| BRCM01_H042     | 2,2            | 2,3             | CO       |
| BRCM01_H043     | 24,7           | 25              | CO       |
| BRCM01_H043     | 40,6           | 41,6            | CO       |
| BRCM01_H043     | 41,6           | 41,8            | XM       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM01_H043     | 41,8           | 44,1            | CO       |
| BRCM01_H045     | 6,95           | 7               | CO       |
| BRCM01_H045     | 7              | 7,2             | XM       |
| BRCM01_H045     | 7,2            | 7,27            | CO       |
| BRCM01_H045     | 7,27           | 7,3             | XM       |
| BRCM01_H045     | 7,3            | 7,36            | CO       |
| BRCM01_H047     | 10,45          | 10,55           | XM       |
| BRCM01_H048     | 4,2            | 4,32            | XM       |
| BRCM01_H049R    | 5,75           | 10,15           | CO       |
| BRCM01_H049R    | 10,15          | 10,35           | SC       |
| BRCM01_H049R    | 10,35          | 10,5            | CO       |
| BRCM01_H051     | 10,75          | 12,3            | CO       |
| BRCM01_H051     | 12,3           | 12,4            | XM       |
| BRCM01_H051     | 12,4           | 12,5            | CO       |
| BRCM01_H059     | 9,85           | 11,15           | CO       |
| BRCM01_H059     | 11,15          | 11,25           | XM       |
| BRCM01_H059     | 11,25          | 11,4            | CO       |
| BRCM01_H059     | 11,4           | 11,45           | SC       |
| BRCM01_H059     | 11,45          | 11,65           | CO       |
| BRCM01_H060     | 7,3            | 8,75            | CO       |
| BRCM01_H061     | 11,7           | 11,8            | XM       |
| BRCM01_H062     | 6,2            | 6,25            | XM       |
| BRCM01_H063     | 5,95           | 6,05            | XM       |
| BRCM01_H064     | 14,1           | 15,4            | CO       |
| BRCM01_H064     | 15,4           | 15,6            | XM       |
| BRCM01_H064     | 15,6           | 15,9            | CO       |
| BRCM01_H065     | 50,85          | 51,4            | CO       |
| BRCM01_H066     | 8,1            | 9,15            | CO       |
| BRCM01_H067     | 4,6            | 5,95            | CO       |
| BRCM01_H067     | 5,95           | 6,15            | XM       |
| BRCM01_H067     | 6,15           | 6,4             | CO       |
| BRCM01_H082     | 2,2            | 2,55            | CO       |
| BRCM01_H082     | 2,83           | 3               | CO       |
| BRCM01_H101     | 6,7            | 6,9             | CO       |
| BRCM01_H107     | 26,5           | 27,2            | CO       |
| BRCM01_H110     | 5,4            | 5,75            | XM       |
| BRCM01_H111     | 20,2           | 20,6            | CO       |
| BRCM01_H172     | 17,35          | 17,55           | SO       |
| BRCM01_H176     | 4              | 4,45            | CO       |
| BRCM01_H193     | 2              | 2,5             | CO       |
| BRCM01_H193R    | 7,15           | 8,55            | CO       |
| BRCM01_H195     | 2,9            | 3,3             | CO       |
| BRCM01_H198     | 5,05           | 5,45            | CO       |
| BRCM01_H199     | 3,45           | 3,6             | CO       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM02_H001     | 24,7           | 25              | CO       |
| BRCM02_H003     | 27             | 27,15           | CO       |
| BRCM02_H010     | 56,85          | 58,4            | CO       |
| BRCM02_H014     | 4,85           | 4,95            | CO       |
| BRCM02_H023     | 44,7           | 45,4            | CO       |
| BRCM02_H030     | 2,35           | 2,55            | CO       |
| BRCM02_H031     | 9,45           | 9,55            | CO       |
| BRCM02_H032     | 21,65          | 21,75           | CO       |
| BRCM03_H009     | 26,4           | 26,65           | CO       |
| BRCM03_H009     | 55,8           | 56,55           | CO       |
| BRCM03_H009     | 56,65          | 56,89           | CO       |
| BRCM03_H012     | 35             | 35,25           | CO       |
| BRCM03_H013     | 27,9           | 28,13           | CO       |
| BRCM03_H016     | 41,75          | 41,85           | CO       |
| BRCM03_H018     | 34,6           | 34,78           | CO       |
| BRCM03_H025     | 27,9           | 28,15           | CO       |
| BRCM03_H033     | 27,08          | 27,18           | SC       |
| BRCM03_H037     | 4,7            | 4,9             | CO       |
| BRCM03_H046     | 9,4            | 9,45            | CO       |
| BRCM03_H046     | 9,48           | 10,25           | CO       |
| BRCM03_H057     | 11,2           | 11,6            | CO       |
| BRCM03_H057     | 11,6           | 11,63           | XM       |
| BRCM03_H057     | 11,63          | 11,8            | CO       |
| BRCM03_H057     | 11,8           | 11,82           | XM       |
| BRCM03_H057     | 11,82          | 12,4            | CO       |
| BRCM03_H062     | 5,9            | 6               | CO       |
| BRCM03_H062     | 6              | 6,6             | XM       |
| BRCM03_H062     | 6,6            | 6,8             | CO       |
| BRCM03_H063     | 10,35          | 10,6            | CO       |
| BRCM03_H064     | 6,15           | 6,25            | CO       |
| BRCM03_H066     | 4              | 4,15            | CO       |
| BRCM03_H069     | 8,5            | 10,55           | CO       |
| BRCM03_H087     | 5,55           | 5,85            | CO       |
| BRCM03_H088     | 10,65          | 10,75           | MS       |
| BRCM03_H088     | 10,75          | 10,85           | CO       |
| BRCM03_H097     | 7,65           | 7,95            | XM       |
| BRCM03_H097R    | 7,65           | 7,95            | XM       |
| BRCM03_H126     | 11,8           | 12,93           | CO       |
| BRCM03_H126     | 12,93          | 12,95           | XM       |
| BRCM03_H126     | 12,95          | 13,05           | CO       |
| BRCM03_H141     | 3,05           | 3,85            | CO       |
| BRCM03_H141     | 3,85           | 3,9             | XM       |
| BRCM03_H141     | 3,9            | 4,05            | CO       |
| BRCM03_H141     | 4,05           | 4,1             | XM       |



| Nama Lubang bor | Titik awal (m) | Titik Akhir (m) | litologi |
|-----------------|----------------|-----------------|----------|
| BRCM03_H141     | 4,1            | 4,25            | CO       |
| BRCM03_H170     | 10             | 10,75           | CO       |
| BRCM03_H172R    | 53,75          | 54,05           | CO       |
| BRCM03_H173     | 4,9            | 5,45            | CO       |
| BRCM03_H173     | 6,45           | 6,65            | CO       |
| BRCM03_H173     | 6,65           | 6,67            | XM       |
| BRCM03_H173     | 6,67           | 7,15            | CO       |
| BRCM03_H173     | 24,6           | 24,9            | CO       |
| BRCM03_H173     | 35,2           | 35,6            | CO       |
| BRCM03_H175     | 13,8           | 13,85           | CO       |
| BRCM03_H121     | 3,25           | 3,3             | CO       |



### Lampiran B, Data Survey

| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM01_H001     | 493301,297 | 9889510,127 | 82,04          | 63            |
| BRCM01_H002     | 493352,365 | 9889597,393 | 81,86          | 60            |
| BRCM01_H003     | 493347,556 | 9889647,925 | 79,59          | 32,8          |
| BRCM01_H004     | 493261,003 | 9889610,622 | 92,23          | 60            |
| BRCM01_H005     | 493270,849 | 9889590,953 | 92,23          | 15            |
| BRCM01_H006     | 493289,937 | 9889553,881 | 84,43          | 55            |
| BRCM01_H007     | 493224,91  | 9889491,183 | 78,91          | 45            |
| BRCM01_H007R    | 493213,58  | 9889489,357 | 79,42          | 37            |
| BRCM01_H008     | 493136,979 | 9889503,813 | 86,59          | 48            |
| BRCM01_H009     | 493165,066 | 9889500,578 | 82,792         | 15            |
| BRCM01_H010     | 493220,794 | 9889569,617 | 79,333         | 15            |
| BRCM01_H011     | 493247,563 | 9889636,88  | 98,192         | 28            |
| BRCM01_H013     | 493326,131 | 9889626,061 | 84,806         | 15            |
| BRCM01_H014     | 493130,062 | 9889720,684 | 108,236        | 60            |
| BRCM01_H014R    | 493132,625 | 9889712,139 | 105,076        | 46            |
| BRCM01_H015     | 493144,49  | 9889717,532 | 105,899        | 12,8          |
| BRCM01_H016     | 493165,839 | 9889759,053 | 106,148        | 16,3          |
| BRCM01_H017     | 493102,374 | 9889775,691 | 109,864        | 60            |
| BRCM01_H018     | 493080,46  | 9889673,542 | 95,182         | 40            |
| BRCM01_H019     | 493063,046 | 9889587,322 | 80,663         | 10            |
| BRCM01_H020     | 493001,583 | 9889544,099 | 95,982         | 15            |
| BRCM01_H021     | 492903,829 | 9889542,646 | 87,641         | 60            |
| BRCM01_H022     | 492908,454 | 9889679,895 | 91,255         | 60            |
| BRCM01_H023     | 492718,691 | 9889807,053 | 99,998         | 60            |
| BRCM01_H024     | 492621,526 | 9890012,98  | 110,299        | 60            |
| BRCM01_H025     | 492762,367 | 9889933,567 | 84,786         | 45,95         |
| BRCM01_H026     | 492828,449 | 9890034,823 | 100,599        | 30            |
| BRCM01_H027     | 492927,56  | 9889874,957 | 98,953         | 30            |
| BRCM01_H028     | 492986,299 | 9889894,81  | 108,44         | 15            |
| BRCM01_H029     | 493025,422 | 9889929,85  | 99,882         | 15            |
| BRCM01_H030     | 493041,781 | 9889915,67  | 100,893        | 28,1          |
| BRCM01_H033     | 493105,846 | 9889996,587 | 82,445         | 15            |
| BRCM01_H034     | 493112,995 | 9889985,085 | 81,472         | 33            |
| BRCM01_H035     | 493175,138 | 9890070,145 | 100,446        | 35            |
| BRCM01_H036     | 493196,163 | 9890116,419 | 108,738        | 65            |
| BRCM01_H037     | 493140,264 | 9890115,586 | 90,386         | 15            |
| _H038           | 493156,201 | 9890131,313 | 91,848         | 28            |
| _H039           | 493215,348 | 9890030,511 | 105,677        | 42            |
| _H040           | 493198,785 | 9890059,046 | 102,646        | 29            |
| _H001           | 493108,964 | 9889514,417 | 89,01          | 60            |
| _H002           | 493162,241 | 9889607,018 | 86,286         | 70            |
| _H003           | 493196,393 | 9889736,538 | 97,735         | 33            |



| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM02_H004     | 493307,307 | 9889767,595 | 81,752         | 43            |
| BRCM02_H005     | 493352,181 | 9889840,64  | 83,556         | 60            |
| BRCM02_H006     | 493363,906 | 9889907,465 | 88,156         | 20            |
| BRCM02_H007     | 493294,429 | 9889899,504 | 82,766         | 60            |
| BRCM02_H008     | 493312,668 | 9889823,388 | 79,861         | 23,8          |
| BRCM02_H009     | 493326,603 | 9889806,599 | 82,316         | 15            |
| BRCM02_H010     | 493223,023 | 9889795,351 | 91,672         | 61,5          |
| BRCM02_H010R    | 493225,981 | 9889793,811 | 94,372         | 8,85          |
| BRCM02_H011     | 493330,465 | 9889715,318 | 80,792         | 45            |
| BRCM02_H012     | 493340,925 | 9889855,09  | 84,772         | 15            |
| BRCM02_H013     | 493345,515 | 9889852,581 | 84,971         | 29            |
| BRCM02_H014     | 493322,329 | 9889887,422 | 84,001         | 12            |
| BRCM02_H015     | 493344,148 | 9889884,459 | 85,382         | 13,95         |
| BRCM02_H016     | 493369,002 | 9889978,875 | 88,117         | 17,65         |
| BRCM02_H017     | 493290,886 | 9889844,856 | 81,158         | 15            |
| BRCM02_H018     | 493288,012 | 9889830,563 | 81,149         | 15,05         |
| BRCM02_H019     | 493336,254 | 9889940,729 | 80,543         | 57,6          |
| BRCM02_H020     | 493211,035 | 9889967,837 | 83,566         | 40            |
| BRCM02_H021     | 493116,348 | 9890025,94  | 80,753         | 60            |
| BRCM02_H022     | 492976,465 | 9890115,51  | 97,51          | 60            |
| BRCM02_H023     | 493165,135 | 9889987,895 | 81,699         | 60            |
| BRCM02_H024     | 493062,281 | 9889955,37  | 90,107         | 15            |
| BRCM02_H025     | 492952,909 | 9890054,07  | 102,159        | 60            |
| BRCM02_H026     | 493049,505 | 9890105,95  | 93,028         | 44,75         |
| BRCM02_H027     | 493137,136 | 9890235,617 | 87,804         | 47,75         |
| BRCM02_H028     | 493295,9   | 9890231,357 | 100,865        | 51,65         |
| BRCM02_H029R    | 493301,948 | 9890165,341 | 95,648         | 38,4          |
| BRCM02_H030     | 493349,113 | 9890129,679 | 86,382         | 50            |
| BRCM02_H031     | 493372,23  | 9890114,728 | 88,31          | 45            |
| BRCM02_H032     | 493277,131 | 9890057,369 | 107,2          | 60            |
| BRCM02_H034     | 493160,619 | 9890179,303 | 94,978         | 60            |
| BRCM02_H035     | 493047,502 | 9890177,949 | 89,953         | 30            |
| BRCM02_H036     | 493060,233 | 9890171,784 | 89,768         | 20            |
| BRCM02_H037     | 493081,443 | 9890153,278 | 84,062         | 70            |
| BRCM02_H038     | 492985,53  | 9890159,624 | 95,106         | 60            |
| BRCM03_H001     | 493204,042 | 9889590,564 | 83,6           | 67            |
| BRCM03_H002     | 493120,221 | 9889591,561 | 80,349         | 46            |
| BRCM03_H003     | 493049,962 | 9889589,17  | 82,35          | 60            |
| BRCM03_H004     | 493045,266 | 9889503,979 | 93,664         | 50            |
| BRCM03_H005     | 493064,432 | 9889537,897 | 85,971         | 13,8          |
| BRCM03_H006     | 493003,186 | 9889501,053 | 101,413        | 20            |
| BRCM03_H007     | 492979,101 | 9889492,054 | 99,637         | 30            |
| BRCM03_H008     | 493206,27  | 9889535,564 | 79,333         | 30            |



| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM03_H009     | 493141,987 | 9889641,318 | 91,52          | 60            |
| BRCM03_H010     | 493195,935 | 9889683,246 | 95,623         | 32,35         |
| BRCM03_H011     | 493077,646 | 9889626,06  | 84,017         | 10,1          |
| BRCM03_H012     | 492987,448 | 9889613,432 | 81,19          | 60            |
| BRCM03_H013     | 492807,877 | 9889733,785 | 104,918        | 60            |
| BRCM03_H014     | 492622,286 | 9889891,607 | 85,313         | 52            |
| BRCM03_H015     | 492827,377 | 9889962,045 | 103,184        | 60            |
| BRCM03_H016     | 492939,644 | 9889809,064 | 80,972         | 55            |
| BRCM03_H017     | 492968,245 | 9889909,98  | 109,266        | 40            |
| BRCM03_H018     | 493070,507 | 9889900,41  | 99,706         | 35            |
| BRCM03_H020     | 493020,739 | 9889810,17  | 98,808         | 41,6          |
| BRCM03_H021     | 492981,067 | 9889846,7   | 100,063        | 40            |
| BRCM03_H022     | 492940,715 | 9889741,054 | 80,76          | 20            |
| BRCM03_H023     | 492961,196 | 9889736,925 | 80,152         | 58            |
| BRCM03_H024     | 492916,597 | 9889767,057 | 81,781         | 15            |
| BRCM03_H025     | 492829,957 | 9889645,191 | 92,312         | 51            |
| BRCM03_H026     | 492752,635 | 9889570,31  | 86,046         | 50            |
| BRCM03_H027     | 492741,822 | 9889650,884 | 87,105         | 15            |
| BRCM03_H028     | 492801,358 | 9889862,468 | 92,233         | 60            |
| BRCM03_H029     | 492800,877 | 9889875,517 | 90,894         | 20            |
| BRCM03_H030     | 492866,15  | 9889951,633 | 110,358        | 20,15         |
| BRCM03_H031     | 492898,077 | 9889915,029 | 105,646        | 40            |
| BRCM01_H041     | 493052,855 | 9890043,096 | 86,816         | 40            |
| BRCM01_H032     | 493028,021 | 9889871,788 | 108,24         | 48            |
| BRCM03_H056     | 492581,08  | 9889617,24  | 121,876        | 16,1          |
| BRCM03_H058     | 492548,285 | 9889607,688 | 119,215        | 11,9          |
| BRCM03_H059     | 492546,884 | 9889617,551 | 120,728        | 7,4           |
| BRCM01_H031     | 493035,416 | 9889894,84  | 105,872        | 37,8          |
| BRCM03_H070     | 493006,548 | 9889921,08  | 104,166        | 15            |
| BRCM01_H150     | 492904,128 | 9890227,713 | 101,402        | 60            |
| BRCM01_H151     | 492804,372 | 9890158,777 | 124,883        | 16            |
| BRCM01_H152     | 492779,961 | 9890084,611 | 98,6           | 15            |
| BRCM01_H153     | 492784,057 | 9890075,831 | 97,366         | 60            |
| BRCM01_H154     | 492832,608 | 9890098,718 | 115,102        | 15            |
| BRCM01_H155     | 492839,964 | 9890093,499 | 115,95         | 15            |
| BRCM01_H156     | 492846,633 | 9890084,18  | 115,744        | 14            |
| BRCM01_H157     | 492781,85  | 9890122,519 | 111,025        | 10            |
| BRCM01_H158     | 492723,376 | 9890152,233 | 110,986        | 30            |
| _H159           | 492727,723 | 9890033,191 | 93,465         | 72            |
| _H160           | 492699,312 | 9889882,046 | 83,808         | 26            |
| _H161           | 492603     | 9889845     | 97,421         | 24            |
| _H162           | 492502     | 9889823     | 103,461        | 18            |
| _H163           | 492420,034 | 9889968,55  | 128,322        | 60            |



| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM01_H164     | 492246,525 | 9889868,764 | 115,997        | 54            |
| BRCM01_H165     | 492207,032 | 9889911,223 | 115,777        | 20            |
| BRCM01_H166     | 492311,462 | 9889989,821 | 113,188        | 15            |
| BRCM01_H167     | 492316,761 | 9889982,788 | 115,342        | 15            |
| BRCM01_H168     | 492323,787 | 9889978,243 | 115,503        | 15            |
| BRCM01_H169     | 492498,8   | 9890024,583 | 120,166        | 45            |
| BRCM03_H113     | 492636,266 | 9889738,167 | 114,656        | 10            |
| BRCM03_H114     | 492692,438 | 9889754,338 | 107,896        | 15            |
| BRCM03_H115     | 492564,031 | 9889722,031 | 126,254        | 10            |
| BRCM03_H116     | 492569,208 | 9889717,083 | 124,895        | 15            |
| BRCM03_H117     | 492419,615 | 9889622,852 | 95,607         | 60            |
| BRCM03_H118     | 492510,666 | 9889783,88  | 116,665        | 20            |
| BRCM03_H118R    | 492509,235 | 9889783,329 | 116,664        | 13,25         |
| BRCM03_H120     | 492555,213 | 9889808,551 | 110,467        | 15            |
| BRCM03_H121     | 492678     | 9889821     | 94,658         | 15            |
| BRCM03_H122     | 492619     | 9889822     | 102,729        | 15            |
| BRCM03_H123     | 492564,517 | 9889791,735 | 117,069        | 15            |
| BRCM03_H124     | 492504,931 | 9889736,701 | 116,872        | 46            |
| BRCM03_H125     | 492399     | 9889670     | 98,846         | 15            |
| BRCM03_H126     | 492403,539 | 9889662,25  | 97,774         | 13,6          |
| BRCM03_H127     | 492377,206 | 9889689,116 | 85,061         | 10            |
| BRCM03_H128     | 492382     | 9889682     | 97,993         | 45            |
| BRCM03_H129     | 492463,086 | 9889750,109 | 100,072        | 10            |
| BRCM03_H130     | 492469,416 | 9889748,31  | 102,921        | 15            |
| BRCM03_H131     | 492430,105 | 9889726,122 | 96,779         | 10            |
| BRCM03_H132     | 492438,094 | 9889723,385 | 99,846         | 15            |
| BRCM03_H133     | 492327     | 9889650     | 92,641         | 15            |
| BRCM03_H134     | 492331,022 | 9889649,205 | 77,946         | 15            |
| BRCM03_H135     | 492339,05  | 9889641,139 | 79,329         | 10            |
| BRCM03_H136     | 492262     | 9889613     | 90,573         | 48            |
| BRCM03_H137     | 492266,5   | 9889607,64  | 90,084         | 15            |
| BRCM03_H138     | 492268,503 | 9889596,008 | 84,331         | 5,45          |
| BRCM03_H139     | 492284,656 | 9889582,789 | 80,891         | 15,7          |
| BRCM03_H140     | 492290,75  | 9889574,904 | 80,149         | 10            |
| BRCM03_H141     | 492294,949 | 9889568,63  | 78,557         | 4,4           |
| BRCM03_H142     | 492230     | 9889559     | 89,08          | 10            |
| BRCM03_H143     | 492235,935 | 9889551,641 | 80,512         | 7,1           |
| BRCM03_H143R    | 492234,697 | 9889551,134 | 78,668         | 10            |
| _H144           | 492201     | 9889526     | 89,439         | 14,75         |
| _H145           | 492205,5   | 9889520,64  | 89,139         | 10            |
| _H146           | 492219,774 | 9889502,515 | 75,807         | 15            |
| _H148           | 492206,071 | 9889648,205 | 85,729         | 15            |
| _H149           | 492210,787 | 9889643,924 | 82,167         | 15            |



| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM03_H150     | 492292,427 | 9889701,241 | 86,208         | 15            |
| BRCM01_D160B    | 492761,703 | 9889887,29  | 83,434         | 50            |
| BRCM01_D160A    | 492691,29  | 9889847,103 | 88,795         | 50            |
| BRCM01_D160C    | 492660,295 | 9889873,798 | 85,38          | 20            |
| BRCM01_D160D    | 492685,366 | 9889907,226 | 89,205         | 20            |
| BRCM01_D026A    | 492813,171 | 9890006,812 | 94,969         | 50            |
| BRCM01_D026B    | 492853,911 | 9890037,628 | 107,652        | 60            |
| BRCM01_D026C    | 492899,352 | 9889992,71  | 114,817        | 100           |
| BRCM01_D026D    | 492848,166 | 9889953,014 | 110,694        | 99,999        |
| BRCM03_H082A    | 492735,718 | 9889845,874 | 84,819         | 50            |
| BRCM01_H170     | 492572,739 | 9890115,534 | 116,157        | 7,1           |
| BRCM01_H170R    | 492571,235 | 9890114,599 | 116,592        | 15            |
| BRCM01_H171     | 492663,835 | 9890152,102 | 112,726        | 24            |
| BRCM01_H172     | 492608,24  | 9890150,08  | 118,078        | 20            |
| BRCM01_H173     | 492613,801 | 9890143,682 | 118,587        | 9,25          |
| BRCM01_H174     | 492593,429 | 9890217,593 | 89,083         | 60            |
| BRCM01_H176     | 492671     | 9890410     | 116,878        | 60            |
| BRCM01_H177     | 492705,55  | 9890369,419 | 112,921        | 60            |
| BRCM01_H178     | 492800,364 | 9890243,318 | 92,548         | 15            |
| BRCM01_H179     | 492811     | 9890233     | 96,003         | 60            |
| BRCM01_H180     | 492750,674 | 9890305,087 | 93,649         | 15            |
| BRCM01_H181     | 492566,576 | 9890367,407 | 90,279         | 15            |
| BRCM01_H182     | 492653,696 | 9890227,502 | 86,265         | 15            |
| BRCM01_H183     | 492547,533 | 9890265,916 | 101,681        | 25,8          |
| BRCM01_H184     | 492570,368 | 9890185,184 | 100,285        | 21            |
| BRCM01_H185     | 492717,182 | 9890184,156 | 107,607        | 23            |
| BRCM01_H186     | 492718,257 | 9890192,176 | 103,208        | 15            |
| BRCM01_H187     | 492699,313 | 9890199,946 | 94,984         | 52            |
| BRCM01_H187R    | 492697,504 | 9890200,786 | 95,627         | 51            |
| BRCM01_H188     | 492807,098 | 9890255,522 | 89,549         | 55            |
| BRCM01_H189     | 492829,497 | 9890227,774 | 101,724        | 25            |
| BRCM01_H190     | 492893     | 9890267     | 84,761         | 15            |
| BRCM01_H191     | 492786     | 9890376     | 0              | 15            |
| BRCM01_H192     | 492787,208 | 9890371,937 | 106,836        | 20            |
| BRCM01_H193     | 492707     | 9890515     | 132,839        | 60            |
| BRCM01_H193R    | 492707     | 9890515     | 132,839        | 8,8           |
| BRCM01_H194     | 492636     | 9890450     | 112,989        | 50            |
| BRCM01_H195     | 492679     | 9890488     | 126,747        | 15            |
| _H196           | 492595     | 9890480     | 103,375        | 40            |
| _H197           | 492497     | 9890431     | 105,848        | 60            |
| _H198           | 492446,712 | 9890343,823 | 112,365        | 21            |
| _H199           | 492434,515 | 9890255,834 | 96,952         | 50            |
| H200            | 492524,011 | 9890214,731 | 94,134         | 21            |



| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM01_H201     | 492491,545 | 9890151,386 | 101,954        | 50            |
| BRCM01_H202     | 492349,397 | 9890163,691 | 109,588        | 15            |
| BRCM01_H203     | 492189,683 | 9890100,538 | 143,788        | 38            |
| BRCM01_H203R    | 492189,759 | 9890100,013 | 143,514        | 47            |
| BRCM01_H204     | 492093     | 9890051     | 105,113        | 28            |
| BRCM01_H205     | 492156     | 9889999     | 101,17         | 54            |
| BRCM01_H206     | 492144,257 | 9889878,351 | 98,139         | 15            |
| BRCM01_H207     | 491981,798 | 9889881,103 | 92,91          | 60            |
| BRCM03_H151     | 492391,313 | 9889750,122 | 85,206         | 15            |
| BRCM03_H152     | 492493     | 9889829     | 100,792        | 15            |
| BRCM03_H153     | 492598,841 | 9889862,268 | 94,075         | 15            |
| BRCM03_H154     | 492595,452 | 9889867,474 | 93,341         | 10            |
| BRCM03_H155     | 492544,713 | 9889853,443 | 99,163         | 15            |
| BRCM03_H156     | 492446     | 9889787     | 103,49         | 20            |
| BRCM03_H157     | 492439,769 | 9889795,665 | 100,502        | 8,8           |
| BRCM03_H158     | 492336     | 9889727     | 98,411         | 15            |
| BRCM03_H159     | 492339     | 9889722     | 98,249         | 10            |
| BRCM03_H160     | 492347,497 | 9889714,437 | 80,322         | 8,15          |
| BRCM03_H161     | 492246,442 | 9889678,314 | 90,562         | 12,3          |
| BRCM03_H162     | 492240,804 | 9889682,63  | 89,841         | 10            |
| BRCM03_H163     | 492169,199 | 9889609,553 | 75,762         | 14,3          |
| BRCM03_H164     | 492175,945 | 9889601,82  | 75,568         | 10            |
| BRCM03_H165     | 492385,805 | 9889679,233 | 88,293         | 15            |
| BRCM03_H166     | 492494,289 | 9889696,044 | 118,484        | 65            |
| BRCM03_H167     | 492244     | 9890018     | 126,917        | 70            |
| BRCM03_H168     | 492106,915 | 9890134,91  | 136,768        | 70            |
| BRCM03_H169     | 492027,758 | 9890104,615 | 118,385        | 63            |
| BRCM03_H170     | 491981     | 9890147     | 104,638        | 30            |
| BRCM03_H171     | 491946,065 | 9890169,714 | 102,578        | 51            |
| BRCM03_H172     | 491933     | 9890247     | 85             | 15            |
| BRCM03_H172R    | 491932     | 9890246     | 85             | 61,5          |
| BRCM03_H173     | 491877,758 | 9890293,837 | 93,818         | 58            |
| BRCM03_H174     | 491799     | 9890357     | 0              | 59            |
| BRCM03_H175     | 491756     | 9890393     | 0              | 42            |
| BRCM03_H176     | 491738     | 9890409     | 0              | 40,5          |
| BRCM03_H177     | 491716     | 9890426     | 0              | 45            |
| BRCM03_H178     | 491699     | 9890451     | 0              | 25            |
| BRCM01_H042     | 493273,679 | 9889728,142 | 84,148         | 15            |
| _H043           | 493281,762 | 9889721,402 | 86,458         | 44,1          |
| _H044           | 493283,292 | 9889715,198 | 86,827         | 15            |
| _H045           | 493232,785 | 9889698,441 | 96,655         | 24,35         |
| _H046           | 493214,026 | 9889706,59  | 96,978         | 23            |
| _H047           | 493258,84  | 9889736,04  | 82,556         | 20            |



| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM01_H048     | 493251,002 | 9889746,361 | 82,767         | 15            |
| BRCM01_H049R    | 493202,201 | 9889713,272 | 98,222         | 10,65         |
| BRCM01_H050     | 493288,724 | 9889776,16  | 79,754         | 10            |
| BRCM01_H051     | 493326,911 | 9889848,04  | 82,259         | 20            |
| BRCM01_H052     | 493338,125 | 9889840,57  | 80,748         | 15            |
| BRCM01_H053     | 493296,983 | 9889860,06  | 81,229         | 15            |
| BRCM01_H054     | 493154,807 | 9889767,74  | 105,138        | 16            |
| BRCM01_H055R    | 493145,883 | 9889769,64  | 105,925        | 6,6           |
| BRCM01_H056     | 493191,022 | 9889793,89  | 95,697         | 15            |
| BRCM01_H057     | 493197,086 | 9889784,7   | 95,204         | 20            |
| BRCM01_H058     | 493204,221 | 9889778,18  | 96,026         | 15            |
| BRCM01_H059     | 493262,241 | 9889806,81  | 79,682         | 16            |
| BRCM01_H060     | 493254,499 | 9889810,57  | 81,447         | 9,5           |
| BRCM01_H061     | 493333,924 | 9889860,64  | 82,071         | 60            |
| BRCM01_H062     | 493330,785 | 9889879,452 | 82,576         | 15            |
| BRCM01_H063     | 493336,1   | 9889823     | 78,067         | 15            |
| BRCM01_H064     | 493319,8   | 9889909     | 79,661         | 22            |
| BRCM01_H065     | 493271,1   | 9889977     | 93,83          | 55            |
| BRCM01_H066     | 493310,523 | 9889923,721 | 80,825         | 9,8           |
| BRCM01_H067     | 493307,816 | 9889935,713 | 83,135         | 6,45          |
| BRCM01_H068     | 493352,473 | 9889974,244 | 80,246         | 15            |
| BRCM01_H069     | 493219,27  | 9889889,988 | 79,582         | 45            |
| BRCM01_H070     | 493237,781 | 9890090,083 | 116,721        | 15            |
| BRCM01_H071     | 493246,253 | 9890213,101 | 108,761        | 25            |
| BRCM01_H072     | 493230,563 | 9890176,105 | 111,09         | 25            |
| BRCM01_H073     | 493232,482 | 9890144,799 | 114,947        | 16            |
| BRCM01_H074     | 493279,469 | 9890100,298 | 103,928        | 38            |
| BRCM01_H075     | 493288,087 | 9890145,934 | 97,642         | 21,9          |
| BRCM01_H076     | 493184,507 | 9889987,093 | 85,905         | 21            |
| BRCM01_H077     | 493140,406 | 9889903,498 | 87,687         | 15            |
| BRCM01_H078     | 493010,336 | 9889936,828 | 99,947         | 15            |
| BRCM01_H079     | 493033,936 | 9889925,102 | 99,741         | 15            |
| BRCM01_H080     | 493044,205 | 9889928,559 | 97,479         | 6,7           |
| BRCM01_H081     | 493075,723 | 9889974,614 | 87,476         | 10,3          |
| BRCM01_H082     | 493094,451 | 9890017,836 | 81,289         | 15            |
| BRCM01_H083     | 493123,095 | 9890021,819 | 79,536         | 15            |
| BRCM01_H084     | 493133,706 | 9890078,835 | 91,219         | 16            |
| BRCM01_H085     | 493133,776 | 9890129,266 | 84,907         | 20            |
| BRCM01_H086     | 493170,245 | 9890061,436 | 97,28          | 60            |
| BRCM01_H087     | 493152,119 | 9890176,601 | 90,456         | 15            |
| BRCM01_H088     | 493156,296 | 9890167,343 | 89,905         | 10            |
| BRCM01_H089     | 493243,138 | 9890237,468 | 107,679        | 10            |
| BRCM01_H090     | 493273,502 | 9890246,754 | 105,29         | 10            |



| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM01_H091     | 493309,531 | 9890275,732 | 103,848        | 25            |
| BRCM01_H092     | 493321,292 | 9890267,719 | 101,908        | 10            |
| BRCM01_H093     | 493212,978 | 9890209,748 | 108,324        | 15            |
| BRCM01_H094     | 493208,54  | 9890219,864 | 106,726        | 15            |
| BRCM01_H095     | 493209,958 | 9890214,547 | 107,362        | 15            |
| BRCM01_H096     | 493179,348 | 9890182,488 | 99,667         | 20            |
| BRCM01_H097     | 493144,349 | 9890151,777 | 89,145         | 10            |
| BRCM01_H098     | 493208,592 | 9890113,732 | 113,642        | 20            |
| BRCM01_H099     | 493175,967 | 9890075,063 | 102,449        | 20            |
| BRCM01_H100     | 493185,536 | 9890030,428 | 92,585         | 15            |
| BRCM01_H101     | 493097,729 | 9890014,645 | 81,224         | 10            |
| BRCM01_H102     | 493085,149 | 9890004,311 | 82,963         | 10            |
| BRCM01_H103     | 493144,748 | 9889944,563 | 80,848         | 15            |
| BRCM01_H105     | 493156,277 | 9889865,695 | 85,236         | 33            |
| BRCM01_H106     | 493163,963 | 9889957,505 | 79,007         | 15            |
| BRCM01_H107     | 493185,742 | 9890011,834 | 93,693         | 27,9          |
| BRCM01_H108     | 493177,417 | 9890060,907 | 97,263         | 15            |
| BRCM01_H109     | 493188,373 | 9890097,738 | 109,08         | 15            |
| BRCM01_H110     | 493231,836 | 9890150,876 | 114,057        | 15            |
| BRCM01_H111     | 493323,626 | 9890091,983 | 89,454         | 37            |
| BRCM01_H112     | 493357,794 | 9890131,065 | 88,632         | 15            |
| BRCM01_H113     | 493288,142 | 9890136,544 | 97,04          | 15            |
| BRCM01_H114     | 493225,235 | 9890084,001 | 116,46         | 15            |
| BRCM01_H115     | 493229,518 | 9890076,43  | 116,064        | 15            |
| BRCM01_H116     | 493219,46  | 9890002,963 | 99,394         | 15            |
| BRCM01_H117     | 493220,296 | 9890002,338 | 101,868        | 15            |
| BRCM01_H118     | 493221,565 | 9890033,15  | 109,647        | 15            |
| BRCM01_H119     | 493152,034 | 9890046,189 | 90,925         | 30            |
| BRCM01_H120     | 492695,125 | 9889945,573 | 98,732         | 60            |
| BRCM01_H121     | 492524,838 | 9890088,033 | 123,358        | 60            |
| BRCM01_H122     | 492435     | 9890164     | 95,647         | 60            |
| BRCM01_H123     | 492337     | 9890245     | 101,782        | 60            |
| BRCM01_H124     | 492323,276 | 9890134,398 | 121,352        | 60            |
| BRCM01_H125     | 492449,264 | 9890159,656 | 96,823         | 60            |
| BRCM01_H126     | 492502,199 | 9890107,59  | 119,83         | 25            |
| BRCM01_H127     | 492529,547 | 9890084,174 | 124,815        | 25            |
| BRCM01_H128     | 492727,626 | 9889941,875 | 92,846         | 40,4          |
| BRCM01_H129     | 492794,772 | 9889988,77  | 89,629         | 10            |
| _H130           | 492857,21  | 9889973,664 | 113,774        | 10            |
| _H131           | 492921,072 | 9890011,31  | 111,08         | 14            |
| _H132           | 492940,653 | 9890061,798 | 103,693        | 10            |
| _H133           | 492945,086 | 9890059,637 | 102,753        | 10            |
| _H134           | 492998,73  | 9890068,974 | 99,399         | 10,35         |



| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM01_H135     | 492969,025 | 9890090,964 | 103,818        | 10            |
| BRCM01_H136     | 493018,464 | 9890132,849 | 88,492         | 35            |
| BRCM01_H137R    | 493041,251 | 9890135,541 | 91,476         | 28            |
| BRCM01_H138     | 493060,935 | 9890233,959 | 83,308         | 15            |
| BRCM01_H139     | 493066,249 | 9890230,395 | 83,093         | 10            |
| BRCM01_H140     | 493090,351 | 9890216,437 | 82,41          | 35            |
| BRCM01_H141     | 493092,358 | 9890188,374 | 83,921         | 47            |
| BRCM01_H142     | 492950,066 | 9890187,037 | 100,664        | 51            |
| BRCM01_H143     | 492900,964 | 9890165,402 | 112,385        | 15            |
| BRCM01_H144     | 492907,234 | 9890161,551 | 109,81         | 25            |
| BRCM01_H145     | 492982,554 | 9890226,768 | 91,328         | 15            |
| BRCM01_H146     | 492931,38  | 9890130,03  | 100,858        | 41            |
| BRCM01_H147     | 492877,785 | 9890100,049 | 117,805        | 50            |
| BRCM01_H148     | 492858,505 | 9890115,193 | 119,76         | 15            |
| BRCM01_H149     | 492861,766 | 9890110,775 | 119,849        | 11            |
| BRCM03_H019     | 493062,523 | 9889931,27  | 94,975         | 18,8          |
| BRCM03_H021R    | 492975,92  | 9889850,12  | 99,136         | 7,9           |
| BRCM03_H023R    | 492959,944 | 9889736,97  | 79,752         | 58            |
| BRCM03_H032     | 493076,119 | 9889800,958 | 108,226        | 60            |
| BRCM03_H033     | 493046,296 | 9889687,492 | 89,93          | 35            |
| BRCM03_H034     | 493008,76  | 9889680,764 | 82,33          | 35            |
| BRCM03_H037     | 492939,255 | 9889669,735 | 87,15          | 15            |
| BRCM03_H038     | 492950,731 | 9889663,118 | 85,025         | 5,65          |
| BRCM03_H040     | 492924,883 | 9889622,212 | 79,965         | 8,05          |
| BRCM03_H041     | 492979,213 | 9889691,415 | 79,994         | 15            |
| BRCM03_H042     | 492891,949 | 9889740,88  | 87,244         | 22,5          |
| BRCM03_H043     | 492764,074 | 9889705,085 | 102,856        | 15            |
| BRCM03_H044     | 492693,702 | 9889630,706 | 90,331         | 15            |
| BRCM03_H046     | 492666,616 | 9889580,99  | 105,07         | 34,3          |
| BRCM03_H047     | 492621,517 | 9889613,66  | 115,874        | 23,9          |
| BRCM03_H048     | 492866,086 | 9889747,828 | 92,207         | 15            |
| BRCM03_H049     | 492861,148 | 9889751,816 | 92,659         | 15            |
| BRCM03_H050     | 492745,662 | 9889837,435 | 88,214         | 15            |
| BRCM03_H051     | 492673,165 | 9889827,084 | 93,509         | 15            |
| BRCM03_H052     | 492571,716 | 9889773,745 | 122,83         | 39,85         |
| BRCM03_H053     | 492511,938 | 9889702,09  | 131,786        | 55,5          |
| BRCM03_H054     | 492525,707 | 9889761,841 | 123,128        | 37            |
| BRCM03_H057     | 492573,088 | 9889513,46  | 100,082        | 40            |
| _H060           | 492578,601 | 9889651,685 | 121,448        | 17,5          |
| _H061           | 492489,069 | 9889508,913 | 89,065         | 13            |
| _H062           | 492619,434 | 9889521,448 | 107,497        | 15            |
| _H063           | 492628,278 | 9889517,255 | 110,327        | 10,95         |
| _H064           | 492636,106 | 9889512,78  | 111,749        | 15            |



| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM03_H065     | 492692,149 | 9889521,14  | 103,301        | 17            |
| BRCM03_H066     | 493178,821 | 9890217,089 | 97,855         | 15            |
| BRCM03_H067     | 493199,136 | 9890190,508 | 105,777        | 32            |
| BRCM03_H068     | 493185,391 | 9890207,473 | 99,713         | 10,5          |
| BRCM03_H069     | 493203,556 | 9890117,773 | 112,035        | 15            |
| BRCM03_H071     | 492889,651 | 9890025,21  | 117,723        | 23            |
| BRCM03_H072     | 492884,9   | 9890038,408 | 117,562        | 23            |
| BRCM03_H073     | 492994,37  | 9890107,811 | 98,528         | 30            |
| BRCM03_H074     | 493075,411 | 9890223,275 | 82,177         | 48            |
| BRCM03_H075     | 493016,282 | 9890181,568 | 92,998         | 40            |
| BRCM03_H076     | 493026,458 | 9890178,275 | 92,247         | 15            |
| BRCM03_H077     | 492982,379 | 9890084,265 | 101,712        | 35            |
| BRCM03_H077R    | 492982,733 | 9890085,217 | 101,569        | 18            |
| BRCM03_H078     | 492857,341 | 9889999,457 | 110,722        | 15            |
| BRCM03_H079     | 492781,729 | 9889887,805 | 83,602         | 15            |
| BRCM03_H080     | 492796,108 | 9889922,972 | 91,184         | 15            |
| BRCM03_H081     | 492800,987 | 9889916,359 | 94,256         | 17            |
| BRCM03_H082     | 492727,805 | 9889853,621 | 82,03          | 15            |
| BRCM03_H083     | 492869,829 | 9889929,478 | 106,649        | 50            |
| BRCM03_H084     | 492875,701 | 9889991,331 | 116,779        | 16            |
| BRCM03_H085     | 492947,069 | 9889984,608 | 100,568        | 55            |
| BRCM03_H086     | 492808,558 | 9889911,43  | 95,911         | 50            |
| BRCM03_H087     | 492812,935 | 9889906,184 | 97,154         | 6,7           |
| BRCM03_H088     | 492820,536 | 9889905,181 | 99,278         | 11,15         |
| BRCM03_H089     | 492934,695 | 9889872,76  | 100,411        | 12            |
| BRCM03_H090     | 492938,863 | 9889866,578 | 98,735         | 10            |
| BRCM03_H091     | 492947,511 | 9889860,325 | 97,351         | 9,5           |
| BRCM03_H092     | 492896,951 | 9889794,86  | 82,194         | 10            |
| BRCM03_H093     | 492795,428 | 9889760,861 | 99,741         | 10,5          |
| BRCM03_H094     | 492799,164 | 9889754,155 | 99,256         | 11,3          |
| BRCM03_H095     | 492844,764 | 9889773,556 | 88,973         | 15            |
| BRCM03_H096     | 492844,75  | 9889769,305 | 90,137         | 10,45         |
| BRCM03_H097     | 492746,306 | 9889743,381 | 107,773        | 9,25          |
| BRCM03_H097R    | 492744     | 9889742     | 106,538        | 35            |
| BRCM03_H098     | 492742,325 | 9889660,959 | 91,035         | 29,85         |
| BRCM03_H099     | 492637,628 | 9889685,979 | 111,391        | 27,4          |
| BRCM03_H100     | 492628,432 | 9889631,644 | 111,01         | 38,7          |
| BRCM03_H101     | 492563,401 | 9889682,439 | 131,146        | 30,4          |
| _H102           | 492587,949 | 9889640,016 | 119,565        | 10            |
| _H103           | 492498,973 | 9889632,427 | 117,454        | 30            |
| _H103R          | 492497,234 | 9889633,132 | 117,317        | 17            |
| _H104           | 492448     | 9889536     | 87,73          | 30            |
| _H105           | 492321,972 | 9889526,056 | 75,893         | 56            |

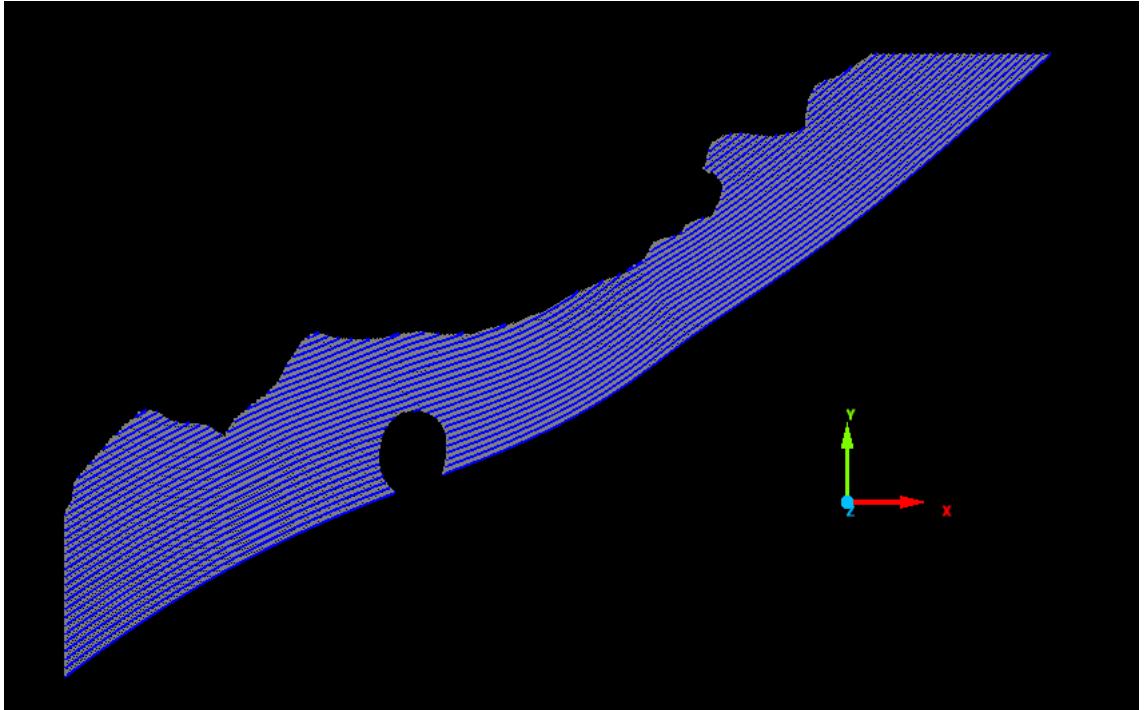


| Nama Lubang Bor | Absis      | Ordinat     | Ketinggian (m) | Kedalaman (m) |
|-----------------|------------|-------------|----------------|---------------|
| BRCM03_H106     | 492534,823 | 9889541,256 | 103,05         | 50            |
| BRCM03_H107     | 492466,975 | 9889589,485 | 101,271        | 15            |
| BRCM03_H108     | 492518,616 | 9889670,529 | 125,083        | 15            |
| BRCM03_H109     | 492522,1   | 9889670,448 | 128,034        | 8,9           |
| BRCM03_H110     | 492525,793 | 9889669,071 | 129,337        | 11,05         |
| BRCM03_H111     | 492534,631 | 9889667,796 | 130,636        | 25            |
| BRCM03_H112     | 492634,313 | 9889744,289 | 115,629        | 75            |

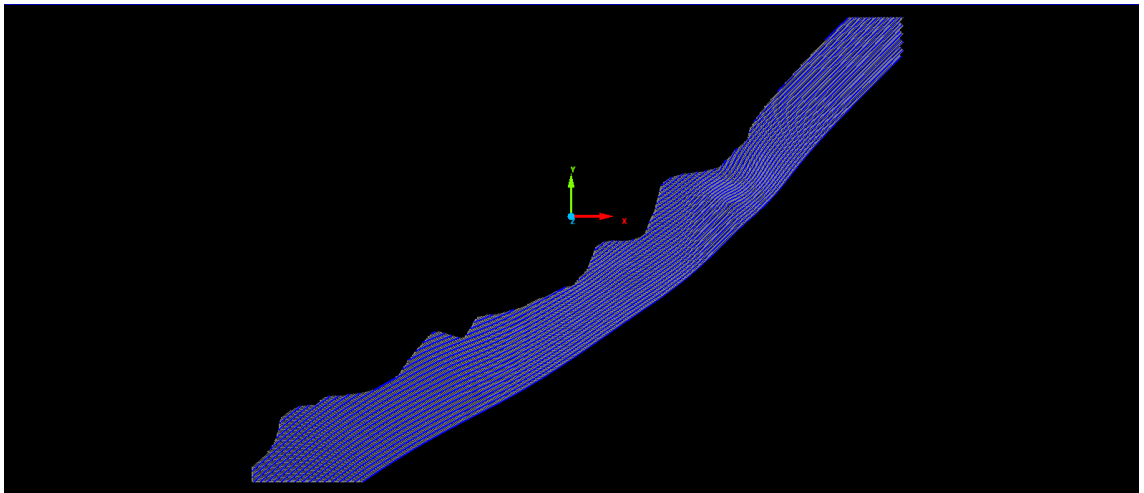


## LAMPIRAN C. KONTUR STRUKTUR

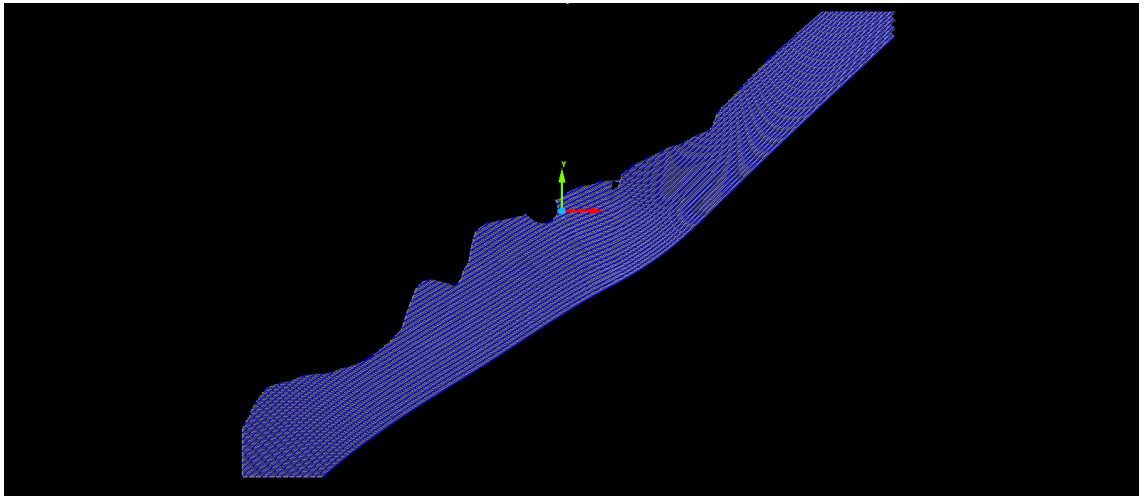
Kontur struktur *floor seam* 45B



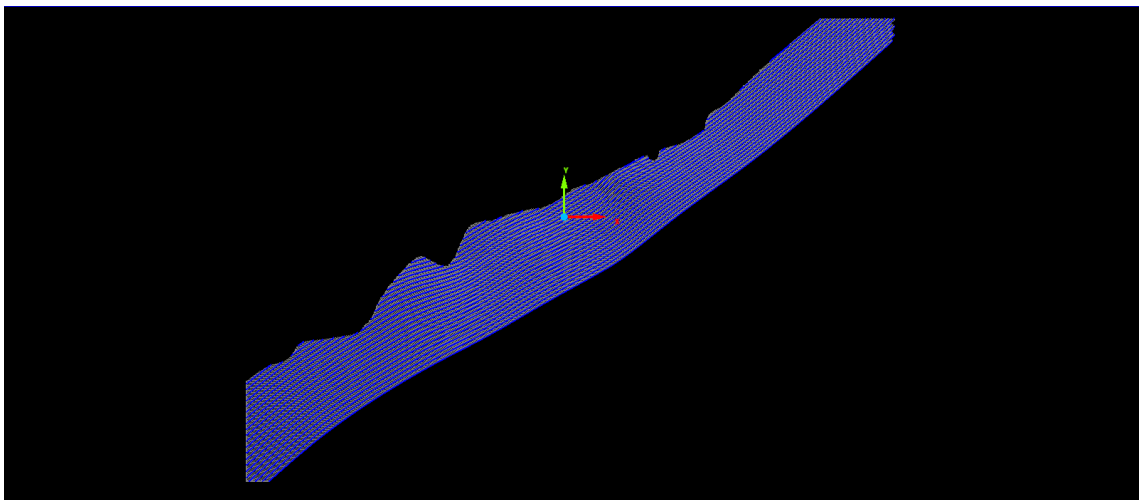
Kontur struktur *floor seam* 45



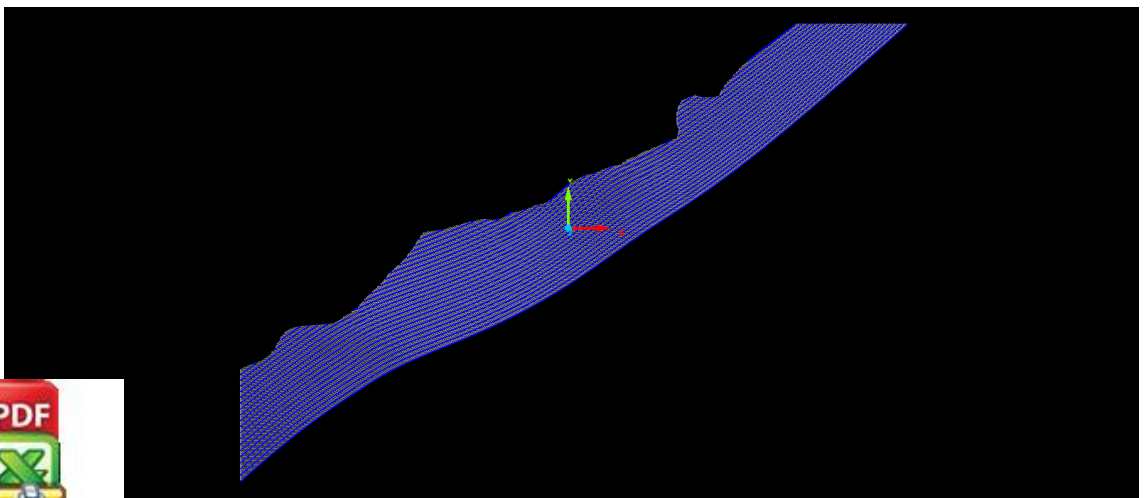
Kontur struktur *floor seam* 44



Kontur struktur *floor seam* 43

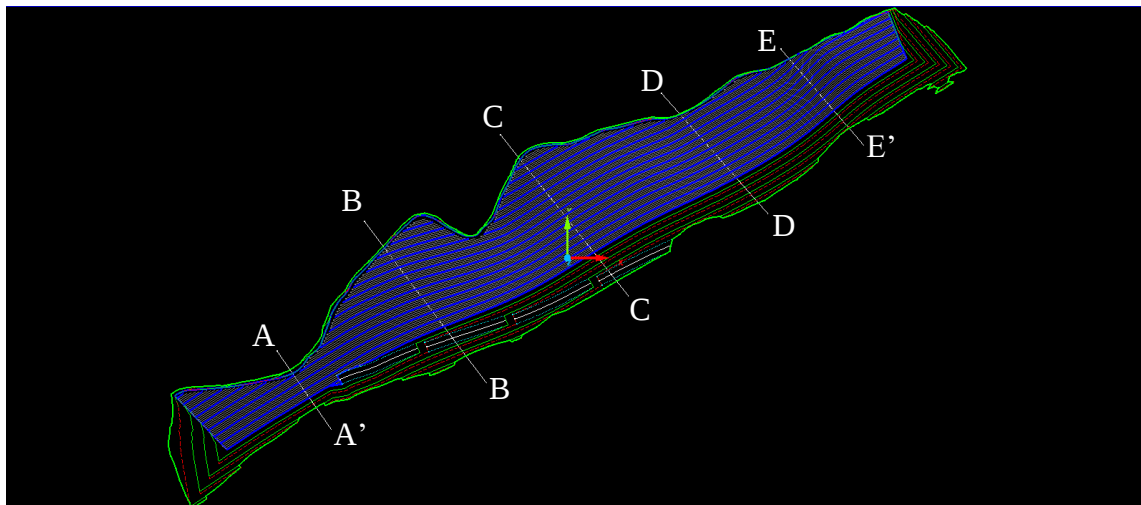


Kontur struktur *floor seam* 42

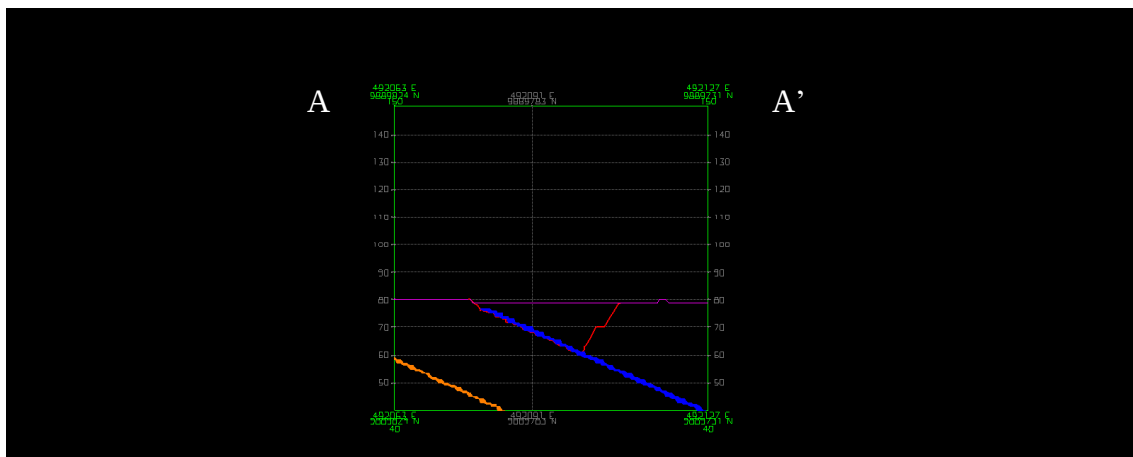


## LAMPIRAN D. SAYATAN DAN PENAMPANG PIT

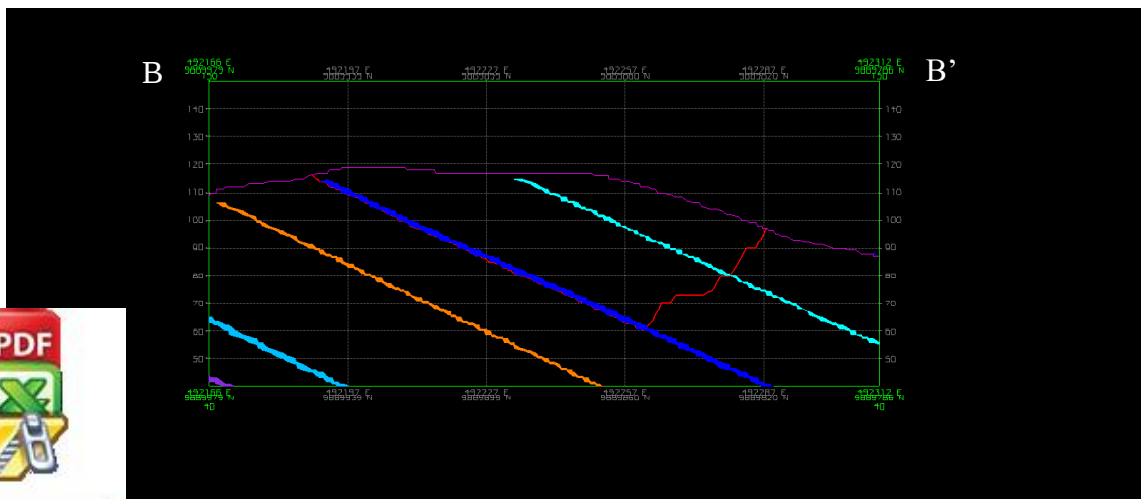
Sayatan Pit



Penampang Sayatan A-A'

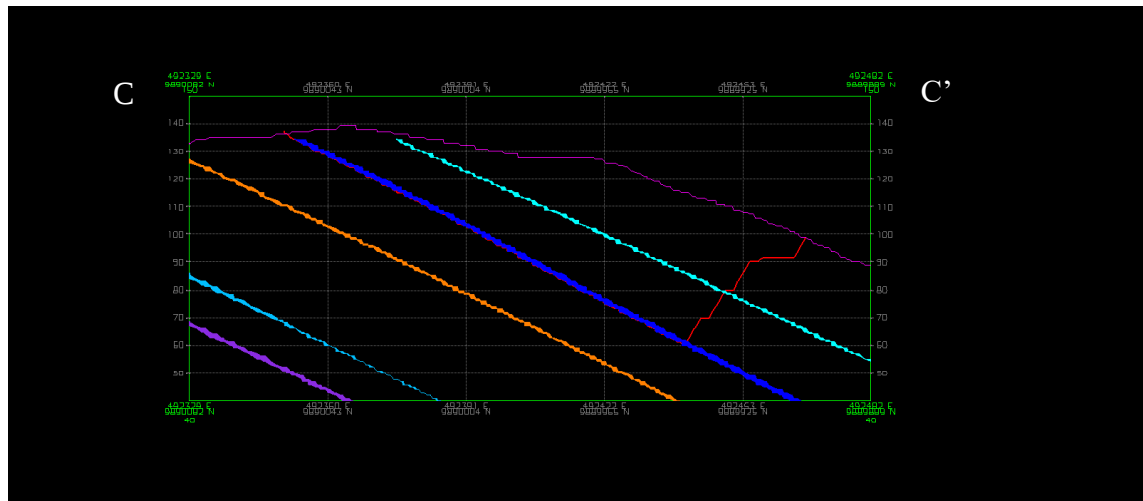


Penampang Sayatan B-B'

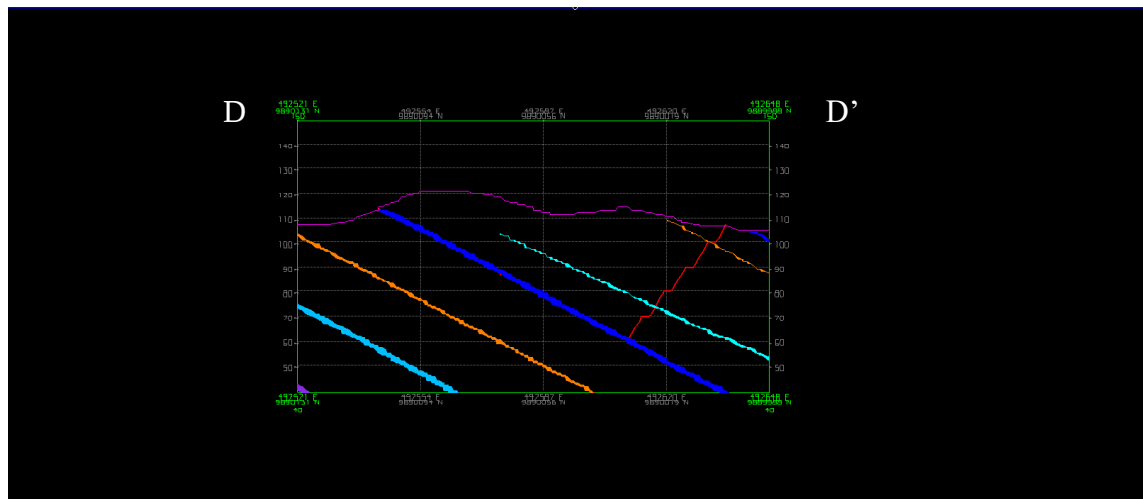


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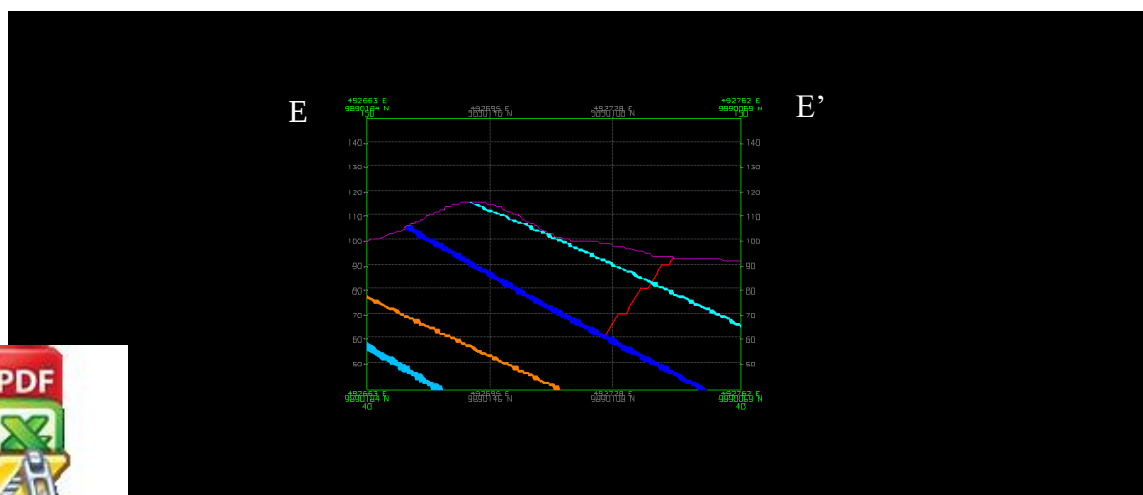
Penampang Sayatan C-C'



Penampang Sayatan D-D'



Penampang Sayatan E-E'



## Lampiran B 10

### Kartu Konsultasi Tugas Akhir

**JUDUL:** Estimasi Cadangan Terbukti Batubara Menggunakan Metode Polygon Pada PT X PT Bukit Raya Coal Mining Kabupaten Kutai Kartanegara, Provinsi Kalimantan Timur.

(Konsultasi minimal 8 kali)

| TANGGAL    | MATERI KONSULTASI                  | PARAF DOSEN                                                                           |
|------------|------------------------------------|---------------------------------------------------------------------------------------|
| 02/05/2024 | Bab I . Latar belakang             |    |
| 06/05/2024 | Bab I dan II                       |   |
| 13/05/2024 | Bab III . flow chart               |  |
| 17/05/2024 | Bab III                            |  |
| 22/05/2024 | Bab IV Pembahasan                  |  |
| 27/05/2024 | Bab V                              |  |
| 29/05/2024 | Bab I-V                            |  |
| 02/06/2024 | Keseluruhan Skripsi . Lampiran ACC |  |

