

## Koigu II uuringuruumi ploki 3 aT (pindala 7,09 ha) liiva ja katendi mahu arvutus (arvutiprogramm Surfer 8.0)

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### Grid Volume Computations

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#### Upper Surface

Grid File Name: E:\TÖÖD\TRUUTA MAARDLA\KOIGU II UURING 2023\VARU REHKENDUS\PLOKK 3 AT\out\_KAT\_LAMAM\_PL\_3.grd  
 Grid Size: 611 rows x 670 columns

X Minimum: 650410.53  
 X Maximum: 651079.99  
 X Spacing: 1.000687593423  
 Y Minimum: 6427764.85  
 Y Maximum: 6428375.23  
 Y Spacing: 1.000622950821  
 Z Minimum: 137.11253117747  
 Z Maximum: 142.67570841422

#### Lower Surface

Grid File Name: E:\TÖÖD\TRUUTA MAARDLA\KOIGU II UURING 2023\VARU REHKENDUS\PLOKK 3 AT\out\_LAMAM\_PL\_3.grd  
 Grid Size: 611 rows x 670 columns

X Minimum: 650410.53  
 X Maximum: 651079.99  
 X Spacing: 1.000687593423  
 Y Minimum: 6427764.85  
 Y Maximum: 6428375.23  
 Y Spacing: 1.000622950821  
 Z Minimum: 126.20045848832  
 Z Maximum: 130.76903569461

#### Volumes

Z Scale Factor: 1

#### Total Volumes by:

Trapezoidal Rule: 779458.12975924  
 Simpson's Rule: 779457.60237918  
 Simpson's 3/8 Rule: 779631.89369814

#### Cut & Fill Volumes

Positive Volume [Cut]: 779458.12975923  
 Negative Volume [Fill]: 0  
 Net Volume [Cut-Fill]: 779458.12975923

Koigu II uuringuruumi ploki 3 aT liiva maht on 779 tuh m<sup>3</sup>.

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## Grid Volume Computations

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### Upper Surface

Level Surface defined by  $Z = 135.4$

### Lower Surface

Grid File Name: E:\TÖÖD\TRUUTA MAARDLA\KOIGU II UURING 2023\VARU  
REHKENDUS\PLOKK 3 AT\out\_LAMAM\_PL\_3.grd

Grid Size: 611 rows x 670 columns

X Minimum:	650410.53
X Maximum:	651079.99
X Spacing:	1.000687593423
Y Minimum:	6427764.85
Y Maximum:	6428375.23
Y Spacing:	1.000622950821
Z Minimum:	126.20045848832
Z Maximum:	130.76903569461

### Volumes

Z Scale Factor: 1

### Total Volumes by:

Trapezoidal Rule:	469771.62446517
Simpson's Rule:	469737.10956893
Simpson's 3/8 Rule:	469857.40443186

### Cut & Fill Volumes

Positive Volume [Cut]:	469771.62446517
Negative Volume [Fill]:	0
Net Volume [Cut-Fill]:	469771.62446517

Koigu II uuringuruumi ploki 3 aT keskmisest põhjaveetasemest (+135,4 m) madalamale jääva liiva maht on 470 tuh m<sup>3</sup>.

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## Grid Volume Computations

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### Upper Surface

Grid File Name: E:\TÖÖD\TRUUTA MAARDLA\KOIGU II UURING 2023\VARU  
REHKENDUS\PLOKK 3 AT\out\_MAAPIND\_PL\_3.grd  
Grid Size: 611 rows x 670 columns

X Minimum: 650410.53  
X Maximum: 651079.99  
X Spacing: 1.000687593423  
Y Minimum: 6427764.85  
Y Maximum: 6428375.23  
Y Spacing: 1.000622950821  
Z Minimum: 138.07652933376  
Z Maximum: 143.29688626836

### Lower Surface

Grid File Name: E:\TÖÖD\TRUUTA MAARDLA\KOIGU II UURING 2023\VARU  
REHKENDUS\PLOKK 3 AT\out\_KAT\_LAMAM\_PL\_3.grd  
Grid Size: 611 rows x 670 columns

X Minimum: 650410.53  
X Maximum: 651079.99  
X Spacing: 1.000687593423  
Y Minimum: 6427764.85  
Y Maximum: 6428375.23  
Y Spacing: 1.000622950821  
Z Minimum: 137.11253117747  
Z Maximum: 142.67570841422

### Volumes

Z Scale Factor: 1

### Total Volumes by:

Trapezoidal Rule: 53383.371586822  
Simpson's Rule: 53377.990417487  
Simpson's 3/8 Rule: 53392.834672043

### Cut & Fill Volumes

Positive Volume [Cut]: 53383.371586821  
Negative Volume [Fill]: 0  
Net Volume [Cut-Fill]: 53383.371586821

Koigu II uuringuruumi plokil 3 aT lasuva katendi (muld, moreenpinnas) maht on 53,4 tuh m<sup>3</sup>. Mullakihi keskmine paksus on 0,43 m ja mulla maht 30,5 tuh m<sup>3</sup>.