



Meetregister bij het meetplan Barradeel en Barradeel II

Rapportage van de nauwkeurigheidswaterpassing
Barradeel en Barradeel II 2015

projectnummer 405630
definitief revisie 01
16 februari 2016

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Opdrachtgever

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| datum vrijgave | beschrijving revisie 01 |
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| goedkeuring |
| P. Meinders |

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| vrijgave |
| A. J. Speelman |

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1 Inleiding

In opdracht Frisia Zout B.V. te Harlingen (hierna te noemen: Frisia) heeft Antea Group een nauwkeurigheidswaterpassing uitgevoerd in de winningvergunning Barradeel en Barradeel II.

De volgende werkzaamheden zijn verricht:

- het verkennen van het meetnet
- het uitvoeren van een secundair optische waterpassing
- het berekenen en vereffenen van de hoogten van alle gewaterpaste punten
- het opstellen van een rapportage (meetregister)

Deze meting betreft de 15^e herhalingsmeting voor de winningvergunning Barradeel de 8^e herhalingsmeting voor de winningvergunning Barradeel II. Het nu voorliggende rapport vormt het officiële en openbare meetregister behorende bij het meetplan Barradeel en Barradeel II 2015. Dit meetregister bevat alleen een vrije vereffening (eerste fase) waarbij op hetzelfde aansluitpunt is aangesloten als bij de vorige metingen. Deze meting is in combinatie uitgevoerd met de nauwkeurigheidswaterpassing van het meetnet Leeuwarden West van Vermilion Oil & Gas Netherlands B.V. (hierna te noemen: Vermilion), die in dezelfde periode, in het kader van de (gas)winningvergunning van Vermilion uitgevoerd moest worden.

Met dit rapport wordt uitvoering gegeven aan het gestelde in artikel 31, Mijnbouwbesluit 2002, met betrekking tot de uitvoering en rapportage van metingen in overeenstemming met het goedgekeurde meetplan Barradeel en Barradeel II 2015. Hierbij is de procedure gevolgd, die met ingang van 18 augustus 2005 is vastgesteld door Staatstoezicht op de Mijnen (hierna SodM) en de afdeling NAP van de Dienst Centrale Informatie Voorziening van Rijkswaterstaat (hierna RWS-CIV). De metingen en berekeningen zijn uitgevoerd volgens de specificaties zoals zijn vastgelegd in de 'Productspecificaties Beheer NAP' d.d. Januari 2008_versie 1.1. van Rijkswaterstaat.

De in dit meetregister gepubliceerde hoogten geven alleen de mate van de beweging van de gemeten peilmerken weer. De bijdrage aan deze beweging van een enkele oorzaak en de relatie met maaiveld- en/of bodembewegingen kan men slechts afleiden met doelgerichte verdere analyses. Dergelijke analyses vallen buiten het kader van dit meetregister.

2 Meetnet

2.1 Inleiding

In overleg tussen Frisia en SodM is het meetnet Barradeel in 1995 vastgesteld. De voorgaande metingen in deze winningvergunning zijn in de periode 1995 (nulmeting) tot en met 2007 jaarlijks uitgevoerd, hierna is het meetnet gemeten in 2009 en 2011.

Het meetnet Barradeel II is in 2003 vastgesteld en is van 2004 t/m 2007 jaarlijks gemeten, daarna is de meting in 2009, 2011 en 2013 uitgevoerd.

De wijzigingen van het meetnet in de periode 2003 t/m 2005 staan beschreven in het *'Meetregister bij het meetplan Barradeel en Barradeel II' Rapportage van de nauwkeurigheidswaterpassing Barradeel en Barradeel II 2005 d.d. 13 december 2005*. De wijzigingen van het meetnet in de periode 2006 t/m 2013 zijn hieronder benoemd.

2.2 Historie

Meetnet september 2006

Het meetnet van 2006 is nagenoeg identiek aan dat van 2005. Het traject ten zuiden van kring 32 uit de meting van 2004 is i.v.m. de koppeling van de meetnetten van Frisia Zout en Vermilion weer aan het rapport toegevoegd, zodat kring 44 ontstaat.

Meetnet september 2007

In het meetnet zijn ten opzichte van het meetnet van 2006 de kringen 25 en 27 weer opgenomen. Voor het overige is het meetnet op detailwijzigingen na, identiek aan het meetnet van 2006. In 2007 is de aansluiting van het meetnet op peilmerk 005G0117 gewijzigd in aansluiting op het ondergronds merk 000A2760 bij Zweins (zie hiervoor het rapport *'Meetregister bij het meetplan Barradeel en Barradeel II, Addendum differentiestaat behorende bij de Rapportage van de nauwkeurigheidswaterpassing Barradeel en Barradeel II 2007'*). Om deze aansluiting mogelijk te maken is kring 45 aan het meetnet toegevoegd.

Meetnet september 2009

Het meetnet is gesplitst in twee overlappende meetnetten, één voor Barradeel en één voor Barradeel II. De meting 2009 betreft alleen het meetnet Barradeel II, als gevolg hiervan zijn de kringen 10, 11, 13, 15, 16, 22, 23 en 24 uit het oorspronkelijke meetnet niet gemeten.

Meetnet november 2011

In 2011 zijn de meetnetten Barradeel en Barradeel II beiden gemeten. In het meetnet Barradeel II is op verzoek van Frisia een wijziging op het meetplan doorgevoerd. Om de bodemdaling bij Bas4 beter te kunnen volgen zijn 3 extra schroefankers geplaatst bij deze locatie. Deze 3 schroefankers zijn 9 meter lang, waardoor ze gefundeerd zijn in het pleistoceen. Door deze wijziging is een extra kring (99) ontstaan. Voor het overige zijn de meetnetten op detailwijzigingen na niet gewijzigd.

Meetnet september 2013

Deze meting betreft alleen het meetnet Barradeel II (inclusief meetnet Leeuwarden West van Vermilion). Ten opzichte van de meting uit 2011 is er één wijziging, om de bodemdaling bij Bas3 beter te kunnen volgen is er een nieuw ondergronds merk met nummer 000A2894 bij de GPS-locatie Bas3 geplaatst. Dit ondergronds merk is gefundeerd in het pleistocene zand.

2.3 Meetnet 2015

In de huidige meting zijn de meetnetten Barradeel en Barradeel II beiden gemeten (in combinatie met het meetnet Leeuwarden-West van Vermilion). Ten opzichte van de meting uit 2013 (Barradeel II) en 2011 Barradeel en Barradeel II) zijn er géén wijzigingen.

2.4 Ontwerp van het meetnet

Aansluitpunt

Het meetnet is destijds zodanig ontworpen dat het ondergrondse merk 000A2760, op de rand van het meetnet en buiten de invloedssfeer van de mijnbouwactiviteiten ligt. Dit punt is diep gefundeerd in het pleistocene zand en worden aangemerkt als stabiel punt. Ondergronds merk 000A2760 is evenals in de vorige meting als aansluitpunt gebruikt.

Kringen en trajecten

De grootte van het meetnet is zodanig gekozen, dat het gebied waar deformatie kan optreden is omsloten (met uitzondering van het deel in de Waddenzee). Alle hoogtemerken zijn opgenomen in gesloten kringen, een belangrijke voorwaarde om de betrouwbaarheid van de meetresultaten te kunnen toetsen. De meetnetten Barradeel en Barradeel II bestaan nu uit 29 gesloten kringen. Deze kringen worden gevormd door trajecten. De trajecten bestaan uit één of meerdere secties en zijn zoveel mogelijk langs bestaande wegen gepland.

Betrouwbaarheid en precisie

De betrouwbaarheid wordt enerzijds gewaarborgd door de configuratie van het meetnet, anderzijds door het uitvoeren van herhalingsmetingen waarbij 'foutieve' waarden kunnen worden opgespoord.

De precisie wordt enerzijds gewaarborgd door de waterpassingen te laten voldoen aan de eisen van RWS-CIV voor 'secundair optische waterpassingen', anderzijds door de huidige configuratie van het meetnet.

3 Uitvoering

3.1 Meetmethode

Er is gemeten conform de eisen van RWS-CIV voor secundair optische waterpassingen. De toetsingscriteria staan vermeld in paragraaf 3.2. De secties zijn in heen- en teruggang gemeten. Er is gemeten volgens de methode achter-voor/achter-voor.

3.2 Secundair optische waterpassingen

De meting is uitgevoerd conform de voorschriften van RWS-CIV voor secundaire waterpassingen zoals vastgelegd in de 'Productspecificaties Beheer NAP' d.d. januari 2008_versie 1.1. In de voorschriften zijn de volgende toetsingscriteria opgenomen:

| | |
|-----------------------|--|
| 3 vL | Sectietolerantie in mm, L in km |
| 50 m (baakafstand) | Maximale afleesafstand instrument-baak |
| 3 m (afstandsverloop) | Maximaal verloop tussen som afstanden achter minus som afstanden voor. Deze eis is van toepassing op zowel per slag als cumulatief per sectie. |

Toetsing van het vrije-netwerk volgens de Delftse methode, waarbij gebruik wordt gemaakt van een F-toets en W-toetsen (data-snooping), mag niet leiden tot verwerping(en).

| | |
|--------------------|--|
| F-toets | alfa= 0.05 (vijf procent). Voor grote en kleine netwerken. |
| W-toets | alfa-nul= 0.001 (1 promille). Voor grote netwerken. |
| Standaardafwijking | Voor secundaire waterpassingen: 1 mm/vkm. Deze waarde geldt voor het gemiddelde van een heen - en terugwaterpassing (H-T)/2. |

De zinsnede 'mag niet leiden tot verwerping(en)', geldt voor het totale netwerk bij de eindoplevering. NB: Bij hoge uitzondering kan door RWS-CIV beslist worden, dat de F- en/of W-toets overschreden mag worden.

3.3 Instrumentarium

De metingen zijn uitgevoerd met een Leica DNA03 elektronisch waterpasinstrument en bijbehorende invarbaken. De DNA03, leest alle waarnemingen op de baken digitaal en schrijft deze vervolgens naar het veldboek met het WATPAS programma. De meettijd wordt geregeld door de WATPAS-software waarbij steeds 2 metingen worden uitgevoerd die vervolgens worden getoetst (1/10 mm). Bij overschrijding wordt automatisch opnieuw gemeten tot aan de tolerantie-eis is voldaan.

Jaarlijks worden het instrument en de baken gecontroleerd door een erkend instituut of de leverancier. Kalibratierapporten of leveranciersverklaringen zijn bijgevoegd in bijlage 9. Tijdens de meetwerkzaamheden is het waterpasinstrument wekelijks gecontroleerd op de hoofdvoorwaarde. De rapportages van deze controles vindt u in bijlage 7.

3.4 Uitvoering

De metingen zijn gestart op 7 oktober in het meetnet Barradeel II. De metingen voor Barradeel II zijn op 5 november afgerond. Vervolgens zijn de metingen in het gedeelte van Barradeel, gecombineerd met de metingen voor Leeuwarden West uitgevoerd, waarna de metingen in het zuidelijk gedeelte van het meetnet van Vermilion op 25 november zijn afgerond.

3.5 Opmerkingen m.b.t. het meetnet

Ten opzichte van de meting uit 2013 (Barradeel II) en 2011 (Barradeel en Barradeel II) zijn er géén wijzigingen in de configuratie van het meetnet. In het meetnet zijn hulppunten gebruikt, deze punten zijn om technische redenen noodzakelijk, worden slechts eenmaal gebruikt en zijn niet in de differentiestaat opgenomen.

4 Toetsing en vereffening

4.1 Verwerking metingen

In verband met gelijktijdig uitvoeren van de metingen voor Frisia en Vermilion is de mogelijkheid benut om één gemeenschappelijke Move3 berekening uit te voeren van beide metingen. Na de berekening zijn de specifiek voor Frisia benodigde resultaten opgenomen in de overzichtskaart en differentiestaat (zie bijlagen 1 en 5).

4.2 Toetsing en vereffening

Voor de vereffening is eerst met WATPAS-software getoetst of de metingen voldoen aan de eisen van RWS-CIV voor secundaire waterpassingen, zoals genoemd in paragraaf 3.2.

In bijlage 2 zijn de sectiesluitfouten weergegeven. Bij overschrijding van de sectietoleranties zijn hermetingen uitgevoerd.

De hoogteverschillen en de afstanden tussen de hoogtemerken zijn door heen- en teruggang bepaald. De gemiddelde hoogteverschillen en afstanden vormen samen met de referentiehoogte van het aansluitpunt de invoer voor het vereffenings- en berekeningsprogramma Move3. Met Move3 zijn de kringsluitfouten berekend. Deze sluitfouten zijn getoetst met een tolerantie van $3\sqrt{L}$ mm (zie bijlage 3).

Vervolgens is een eerste fase vereffening uitgevoerd ter controle op de waarnemingen volgens de methode van de kleinste kwadraten waarbij het meetnet intern is getoetst. Hierbij vindt toetsing plaats van het meetnet als geheel (F-toets) en toetsing van de afzonderlijke waarnemingen (W-toets). Zowel de afzonderlijke waarnemingen als het meetnet voldoen aan de toetsingscriteria. In geval van verwerpingen, worden één of meerdere secties hermeten totdat aan de toetsingscriteria is voldaan.

De gemeten hoogteverschillen en de resultaten van de vrije netwerkvereffening zijn terug te vinden in de uitvoer van Move3 (zie bijlage 4).

De tweede fase vereffening, waarbij door middel van een gedwongen vereffening wordt aangesloten op het NAP-hoogtenet, behoort niet tot deze rapportage.

Het meetnet is aangesloten op ondergronds merk 000A2760. Als hoogte voor dit peilmerk wordt de hoogte gebruikt zoals die in 1998 door RWS-CIV is vastgesteld.

4.3 Beoordeling metingen

Alle secties en kringen hebben sluitfouten die liggen binnen de toleranties die vermeld zijn in paragraaf 3.2. De eerste fase vereffening van het meetnet met het vereffeningsprogramma Move3, waarbij alleen de waarnemingen worden getoetst levert geen verwerpingen op. De gedeselecteerde waarnemingen betroffen waarnemingen, die al door het programma Watpas waren verworpen.

4.4 Resultaten

In het meetnet Barradeel variëren de differenties tussen 0 en -25 millimeter ten opzichte van de vorige meting uit 2011. De grootste differenties treden op in de peilmerken in het traject ten noord-oosten van Herbaijum.

In het meetnet Barradeel II variëren de differenties tussen 0 en - 60 millimeter ten opzichte van de meting uit 2013, waarbij de grootste differenties optreden ten zuiden van Tzummarum in de omgeving van BAS4.

Toetsing door de afdeling NAP van de Dienst Centrale Informatie Voorziening van Rijkswaterstaat (RWS-CIV)

De gecontroleerde bestanden van de metingen zijn in het voorgeschreven Watpasformaat aangeboden bij de afdeling NAP van Dienst Centrale Informatie Voorziening van Rijkswaterstaat (RWS-CIV). Bij brief van 2 december 2015 heeft RWS-CIV aan SodM meegedeeld dat de door Antea Group verrichte meting in orde is bevonden op basis van een vrije vereffening (zie bijlage 8). Daarnaast behoudt RWS-CIV zich het recht voor de getoetste metingen naar eigen inzicht aan te sluiten op het NAP-net, en de vastgestelde hoogten op te nemen in het openbare NAP-peilmerkregister. Tevens rapporteert RWS-CIV het SodM over de bevindingen.

4.5 Wijziging differentiestaat

In de differentiestaat van 2013 waren de beginhoogten van de punten 005G0305 en 005G0305 niet correct weergegeven, waardoor ook de cumulatieve differenties niet correct waren weergegeven. De weergegeven hoogten in de desbetreffende jaren waren wel correct. In deze differentiestaat zijn deze beginhoogten aangepast.

5 Presentatie

Nummering peilmerken

De weergave van de peilmerknnummers is afgestemd op de nummering, zoals weergegeven door het programma WATPAS. Dit houdt in, dat de in het officiële peilmerkregister van het NAP opgenomen peilmerken worden weergegeven met 8 posities (bijv. 005G0018) en de eigen peilmerken en hulppunten met 7 posities (bijv. 0000107). Deze weergave is terug te vinden in het hoofddocument en alle bijlagen behoudens de overzichtskaart. In verband met de betere leesbaarheid zijn op deze kaart de voorloophoogten weggelaten (bijv. NAP 005G0018 is afgebeeld als 5G18 en eigen 0000107 als 107).

Bijlage 1: Overzichtskaart met differenties Barradeel (december 2011 - november 2015) en Barradeel II (oktober 2013 - november 2015)

Bijlage 1 is een overzichtskaart, met daarop een afbeelding van het waterpasnet, de hoogtemerken en de berekende differenties.

De meetnetten van Barradeel en Barradeel II zijn hierop gescheiden afgebeeld, evenals de afgebeelde differenties. Voor het meetnet Barradeel zijn de differenties in groen aangegeven; het betreft hier het verschil van de NAP-hoogten van de meting uit december 2011 en de NAP-hoogten van deze meting (november 2015).

Voor het meetnet Barradeel II zijn de differenties in rood aangegeven; het betreft hier het verschil van de NAP-hoogten van de meting uit oktober 2013 en de NAP-hoogten van de huidige meting.

Er is een kringnummering toegepast op basis van het gecombineerde meetnet van Frisia en Vermilion, waarop ook de trajectnummering is gebaseerd. De buitengebieden zijn genummerd van 90 tot en met 92. De buitenkringen met nummers lager dan 90 hebben betrekking op aansluitende kringen uit het Vermilion meetnet.

Er zijn een drietal uitzonderringen op deze regels,

- de meest westelijke sectie van traject 2934 heeft trajectnummer 9999 gekregen;
- traject 4992 is verdeelt in 3 gedeelten, die opeenvolgend zijn genummerd van west naar oost als 4002, 9898 en 9797 (meetnet Leeuwarden West van Vermilion).

Bijlage 2: Overzicht sectiesluitfouten

In bijlage 2 wordt op trajectnummervolgorde een overzicht gegeven van alle gemeten secties met de daarbij gemeten sectiesluitfouten. Ter vergelijking zijn de toleranties vermeld. De trajectnummers zijn op de naastliggende kringnummers gebaseerd, bijvoorbeeld traject 1316 is het traject tussen kring 13 en kring 16. Alle uitgevoerde metingen (ook die uit het meetnet Leeuwarden West van Vermilion) zijn weergegeven.

Bijlage 3: Overzicht kringsluitfouten

Bijlage 3 bevat een overzicht van de kringsluitfouten. Alle kringen voldoen aan de tolerantie zoals berekend door het verwerkingsprogramma Move3. Weergegeven zijn alle gemeten kringen (ook die uit het meetnet Leeuwarden West van Vermilion). De kringnummering is automatisch gegenereerd door Move3 en komt hierdoor niet overeen met de kringnummering zoals is weergegeven op de overzichtskaart. Ter verduidelijking zijn de corresponderende kringnummers, zoals aangegeven op de overzichtskaart, toegevoegd aan de kringbenaming uit de Move3-berekening en aangegeven met: (xx kaart).

Bijlage 4: Resultaten eerste fase vereffening

Bijlage 4 bevat de resultaten van de vereffening. Uit de F-toets blijkt dat het meetnet wordt aanvaard. Uit de W-toetsen blijkt dat geen van de waarnemingen wordt verworpen (kritieke waarde = 3.29). Alle beschikbare meetgegevens zijn in de Move3 vereffening weergegeven. De gedeselecteerde waarnemingen betroffen waarnemingen die al door het programma Watpas waren verworpen en vervolgens in heen- en teruggang zijn hermeten.

Bijlage 5: Differentiastaat Barradeel en Barradeel II

In bijlage 5 is per deelgebied een differentiastaat opgenomen, waarin de hoogten en hoogteveranderingen van de peilmerken worden gepresenteerd.

De gepresenteerde hoogten van deze meting zijn niet gecorrigeerd voor externe invloeden (niet geschoond voor bijvoorbeeld bodemdaling, die wordt veroorzaakt door andere mijnbouw activiteiten). De berekende NAP-hoogten van de hoogtemerken zijn in deze staten opgenomen, evenals de resultaten van de voorgaande metingen. Per hoogtemerk is de beginhoogte gegeven met het jaar waarin deze hoogte bepaald is. Vervolgens zijn, naast de uitkomsten van de voorgaande 4 metingen, de uitkomsten van de laatste meting verwerkt in de differentiastaat onder 'november 2015'.

In de kolom met differenties staan per hoogtemerk twee getallen; het bovenste getal is het verschil in hoogte met de voorgaande meting van 2011 respectievelijk 2013 het tweede getal geeft het verschil weer met de eerste hoogtemeting (nulmeting). Voor het meetnet Barradeel ligt de datum van de nulmeting in september 1995 of later. Voor Barradeel II is deze datum februari 2003 of later. De weergegeven NAP-hoogten en de differenties zijn afgerond op millimeters.

Bijlage 6: Coördinaten peilmerken

De XY coördinaten van alle gemeten peilmerken zijn weergegeven in de tabel van bijlage 6. In 2004 is een deel van de peilmerken ingemeten met DGPS. Hiermee was het destijds mogelijk om op een aantal meters nauwkeurig de XY-coördinaten in te meten. Dit is in de tabel weergegeven met "gps". Sinds 2008 worden de nieuwe peilmerken met GPS-RTK bepaald met een nauwkeurigheid op dm-niveau. Dit is in de tabel weergegeven met "GPS".

De overige coördinaten zijn 'geprikt' in de kaart en zijn op een tiental meters nauwkeurig.

Bijlage 7: Controles hoofdvoorwaarde

Tijdens de meetwerkzaamheden is het waterpasinstrument wekelijks gecontroleerd op de hoofdvoorwaarde (vizierlijncontrole). In bijlage 7 zijn de resultaten van deze controles weergegeven.

Bijlage 8: Brief RWS-CIV

Bijlage 8 betreft de brief van RWS-CIV met de resultaten van de toetsing.

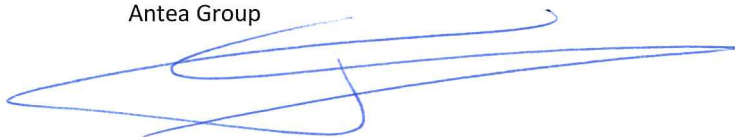
Bijlage 9: Kalibratierapporten / leveranciersverklaring

Bijlage 9 betreft de Kalibratierapporten / leveranciersverklaringen van het waterpasinstrument en de invarbaken.

6 Verantwoording

Dit rapport 'Meetregister bij het meetplan Barradeel en Barradeel II, Rapportage van de nauwkeurigheidswaterpassing Barradeel en Barradeel II 2015,' is onder verantwoordelijkheid van ondergetekende tot stand gekomen.

Heerenveen, februari 2016
Antea Group

A large, stylized handwritten signature in blue ink, consisting of several overlapping loops and a long horizontal stroke.

Drs. A.J. Speelman
Projectmanager Geo Informatie

**Bijlage 1 Overzichtskaart 405630-B-BII-OD-
2015-0**

Bijlage 1 Overzichtskaart 405630-B-BII-OD-2015-0

Bijlage 2 Overzicht sectiesluitfouten

| | | | | | | | | | | | |
|--------------------|-------------------|--|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| form. : NAP-R | | RESUMTIESTAAT ADVIESDIENST GEO-INFORMATIE EN ICT | | | | | | | | | |
| Model : APRIL 2003 | | Proj.naam: FR-VER 2015 | | | | | | | | | |
| WATPAS: v. 4.42.2 | | | | | | | | | | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151103 | 20151104 | 405630 | Ant. | 1011 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000014 | 374 | -0.7412 | 0.7421 | -0.7416 | G | 2B | | 0.84 | 1.83 | | |
| 005D0056 | 857 | 0.3121 | -0.3130 | 0.3125 | G | 2B | 1.3590 | -0.87 | 2.78 | 1.3590 | 0.0000< |
| 005D0053 | 831 | -0.3463 | 0.3459 | -0.3461 | G | 2B | 1.6715 | -0.32 | 2.73 | 1.6730 | -0.0015 |
| 005G0164 | 696 | -0.1199 | 0.1201 | -0.1200 | G | 2B | 1.3254 | 0.22 | 2.50 | 1.3260 | -0.0006 |
| 0000017 | | | | | | | 1.2054 | | | | |
| traject | 2757 | -0.8953 | 0.8952 | -0.8952 | | | | -0.13 | 5.53 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151014 | 20151014 | 405630F | Ant. | 1017 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000013 | 839 | -0.0664 | 0.0658 | -0.0661 | G | 2B | | -0.62 | 2.75 | | |
| 0000017 | | | | | | | | | | | |
| traject | 839 | -0.0664 | 0.0658 | -0.0661 | | | | -0.62 | 2.71 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151103 | 20151104 | 405630 | Ant. | 1090 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000014 | 482 | -1.1073 | 1.1071 | -1.1072 | G | 2B | | -0.15 | 2.08 | | |
| 0000010 | 678 | 0.3231 | -0.3208 | 0.3220 | G | 2B | | 2.34 | 2.47 | | |
| 0000011 | 666 | 0.1020 | -0.1015 | 0.1017 | G | 2B | | 0.48 | 2.45 | | |
| 0099111 | 141 | 8.1028 | -8.1028 | 8.1028 | G | 2B | | -0.05 | 1.13 | | |
| 0004021 | 140 | -8.2729 | 8.2727 | -8.2728 | G | 2B | | -0.17 | 1.12 | | |
| 0004022 | 91 | -1.2290 | 1.2291 | -1.2290 | G | 2B | | 0.10 | 0.90 | | |
| 0004023 | 261 | 1.3292 | -1.3290 | 1.3291 | G | 2B | | 0.16 | 1.53 | | |
| 0000012 | 929 | -0.0773 | 0.0783 | -0.0778 | G | 2B | | 1.03 | 2.89 | | |
| 0000013 | | | | | | | | | | | |
| traject | 3387 | -0.8294 | 0.8331 | -0.8313 | | | | 3.74 | 6.29 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151015 | 20151015 | 405630F | Ant. | 1112 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0129 | 760 | 3.3739 | -3.3727 | 3.3733 | G | 2B | 0.4670 | 1.22 | 2.61 | 0.4670 | 0.0000< |
| 005G0038 | 405 | -3.3973 | 3.3972 | -3.3973 | G | 2B | 3.8403 | -0.12 | 1.91 | 3.8440 | -0.0037 |
| 0000016 | | | | | | | 0.4430 | | | | |
| traject | 1165 | -0.0234 | 0.0245 | -0.0240 | | | | 1.10 | 3.28 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151014 | 20151014 | 405630F | Ant. | 1117 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000016 | 575 | 0.6516 | -0.6512 | 0.6514 | G | 2B | | 0.44 | 2.27 | | |
| 005G0036 | 25 | -0.0327 | 0.0326 | -0.0327 | G | 2B | 1.0980 | -0.08 | 0.47 | 1.0980 | 0.0000< |
| 0000056 | 296 | 0.1437 | -0.1435 | 0.1436 | G | 2B | 1.0653 | 0.26 | 1.63 | | |
| 0000017 | | | | | | | 1.2089 | | | | |
| traject | 896 | 0.7626 | -0.7620 | 0.7623 | | | | 0.62 | 2.81 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151104 | 20151104 | 405630 | Ant. | 1113 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000015 | 338 | 0.0116 | -0.0116 | 0.0116 | G | 2B | | 0.05 | 1.74 | | |
| 005D0034 | 281 | -0.4769 | 0.4771 | -0.4770 | G | 2B | 1.9800 | 0.24 | 1.59 | 1.9800 | 0.0000< |
| 0000062 | 727 | -0.3848 | 0.3845 | -0.3846 | G | 2B | 1.5030 | -0.32 | 2.56 | | |
| 005G0028 | 625 | -0.6469 | 0.6468 | -0.6469 | G | 2B | 1.1184 | -0.13 | 2.37 | 1.1150 | 0.0033 |
| 005G0129 | | | | | | | 0.4715 | | | 0.4670 | 0.0045 |
| traject | 1970 | -1.4970 | 1.4968 | -1.4969 | | | | -0.16 | 4.49 | | |

Meetregister bij het meetplan Barradeel en Barradeel II

Rapportage van de nauwkeurigheidswaterpassing Barradeel en Barradeel II 2015

projectnummer 405630

16 februari 2016 revisie 01



| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151104 | 20151104 | 405630 | Ant. | 1116 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000030 | 313 | -0.3816 | 0.3816 | -0.3816 | G | 2B | | -0.03 | 1.68 | | |
| 005D0017 | 542 | 0.9505 | -0.9503 | 0.9504 | G | 2B | 1.0130 | 0.22 | 2.21 | 1.0130 | 0.0000< |
| 0000015 | | | | | | | 1.9634 | | | | |
| traject | 855 | 0.5689 | -0.5687 | 0.5688 | | | | 0.19 | 2.74 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151103 | 20151103 | 405630 | Ant. | 1190 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000030 | 375 | 0.7056 | -0.7064 | 0.7060 | G | 2B | | -0.76 | 1.84 | | |
| 0000014 | | | | | | | | | | | |
| traject | 375 | 0.7056 | -0.7064 | 0.7060 | | | | -0.76 | 1.72 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151015 | 20151015 | 405630F | Ant. | 1213 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0129 | 396 | -0.5445 | 0.5440 | -0.5443 | G | 2B | 0.4670 | -0.48 | 1.89 | 0.4670 | 0.0000< |
| 0000036 | 259 | 0.4918 | -0.4920 | 0.4919 | G | 2B | -0.0772 | -0.19 | 1.53 | | |
| 0099124 | 85 | 0.0951 | -0.0952 | 0.0951 | G | 2B | 0.4146 | -0.11 | 0.87 | | |
| 0000001 | 52 | 0.1294 | -0.1293 | 0.1293 | G | 2B | 0.5098 | 0.06 | 0.68 | | |
| 0000002 | 113 | 0.3660 | -0.3656 | 0.3658 | G | 2B | 0.6391 | 0.33 | 1.01 | | |
| 0000063 | | | | | | | 1.0049 | | | | |
| traject | 905 | 0.5377 | -0.5381 | 0.5379 | | | | -0.39 | 2.83 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151015 | 20151026 | 405630F | Ant. | 1214 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000063 | 220 | -1.7508 | 1.7515 | -1.7511 | G | 2B | | 0.65 | 1.41 | | |
| 0000086 | 205 | 1.0631 | -1.0634 | 1.0632 | G | 2B | | -0.29 | 1.36 | | |
| 0000028 | 337 | -0.1646 | 0.1648 | -0.1647 | G | 2B | | 0.21 | 1.74 | | |
| 0000027 | 493 | 1.4134 | -1.4129 | 1.4131 | G | 2B | | 0.51 | 2.11 | | |
| 0000110 | 627 | -1.2067 | 1.2079 | -1.2073 | G | 2B | | 1.15 | 2.37 | | |
| 005G0298 | 385 | -0.1317 | 0.1322 | -0.1320 | G | 2B | 0.3740 | 0.48 | 1.86 | 0.3740 | 0.0000< |
| 005G0299 | 253 | 1.1613 | -1.1604 | 1.1608 | G | 2B | 0.2420 | 0.91 | 1.51 | 0.2370 | 0.0050 |
| 005G0309 | | | | | | | 1.4029 | | | 1.3880 | 0.0149 |
| traject | 2520 | 0.3839 | -0.3803 | 0.3821 | | | | 3.62 | 5.23 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151014 | 20151014 | 405630F | Ant. | 1217 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000016 | 608 | 0.5498 | -0.5496 | 0.5497 | G | 2B | | 0.23 | 2.34 | | |
| 005G0039 | | | | | | | | | | 1.0030 | |
| traject | 608 | 0.5498 | -0.5496 | 0.5497 | | | | 0.23 | 2.25 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151026 | 20151026 | 405630F | Ant. | 1218 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0309 | 618 | -0.4337 | 0.4334 | -0.4336 | G | 2B | 1.3880 | -0.30 | 2.36 | 1.3880 | 0.0000< |
| 0000008 | 676 | -0.2244 | 0.2235 | -0.2239 | G | 2B | 0.9544 | -0.83 | 2.47 | | |
| 0000009 | | | | | | | 0.7305 | | | | |
| traject | 1294 | -0.6581 | 0.6569 | -0.6575 | | | | -1.13 | 3.49 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151014 | 20151014 | 405630F | Ant. | 1221 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000009 | 414 | -0.3670 | 0.3679 | -0.3675 | G | 2B | | 0.90 | 1.93 | | |
| 005G0228 | 714 | 2.4364 | -2.4358 | 2.4361 | G | 2B | 0.3710 | 0.68 | 2.53 | 0.3710 | 0.0000< |
| 005G0040 | 198 | -1.8039 | 1.8040 | -1.8039 | G | 2B | 2.8071 | 0.20 | 1.33 | 2.8070 | 0.0001 |
| 005G0039 | | | | | | | 1.0032 | | | 1.0030 | 0.0002 |
| traject | 1326 | 0.2656 | -0.2638 | 0.2647 | | | | 1.78 | 3.54 | | |

Meetregister bij het meetplan Barradeel en Barradeel II

Rapportage van de nauwkeurigheidswaterpassing Barradeel en Barradeel II 2015

projectnummer 405630

16 februari 2016 revisie 01



| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151015 | 20151027 | 405630F | Ant. | 1314 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0266 | 678 | -1.4878 | 1.4866 | -1.4872 | G | 2B | 0.8550 | -1.27 | 2.47 | 0.8550 | 0.0000< |
| 0000993 | 116 | -0.1483 | 0.1484 | -0.1483 | G | 2B | -0.6322 | 0.04 | 1.02 | | |
| 0000024 | 200 | 0.3183 | -0.3188 | 0.3186 | G | 2B | -0.7805 | -0.50 | 1.34 | | |
| 0000035 | 326 | -0.2114 | 0.2117 | -0.2116 | G | 2B | -0.4619 | 0.35 | 1.71 | | |
| 0000033 | 294 | 1.6810 | -1.6811 | 1.6810 | G | 2B | -0.6735 | -0.09 | 1.63 | | |
| 0000063 | | | | | | | 1.0075 | | | | |
| traject | 1614 | 0.1518 | -0.1533 | 0.1525 | | | | -1.47 | 3.98 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151123 | 20151123 | 405630 | Ant. | 1315 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000023 | 377 | 0.9046 | -0.9034 | 0.9040 | G | 2B | | 1.25 | 1.84 | | |
| 005G0266 | | | | | | | | | | 0.8550 | |
| traject | 377 | 0.9046 | -0.9034 | 0.9040 | | | | 1.25 | 1.72 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151123 | 20151123 | 405630 | Ant. | 1316 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000015 | 603 | 0.0825 | -0.0827 | 0.0826 | G | 2B | | -0.21 | 2.33 | | |
| 005D0088 | 24 | 0.0165 | -0.0165 | 0.0165 | G | 2B | | 0.04 | 0.46 | | |
| 005D0084 | 611 | -1.6657 | 1.6674 | -1.6665 | G | 2B | 2.0480 | 1.66 | 2.34 | 2.0480 | 0.0000< |
| 005D0040 | 307 | -0.4508 | 0.4505 | -0.4507 | G | 2B | 2.0645 | -0.30 | 1.66 | 2.0650 | -0.0005 |
| 0000023 | | | | | | | 0.3980 | | | 0.3990 | -0.0010 |
| | | | | | | | -0.0527 | | | | |
| traject | 1545 | -2.0175 | 2.0187 | -2.0181 | | | | 1.19 | 3.88 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151123 | 20151123 | 405630 | Ant. | 1516 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000023 | 239 | 0.7859 | -0.7846 | 0.7853 | G | 2B | | 1.26 | 1.47 | | |
| 0000021 | 881 | -1.7277 | 1.7290 | -1.7283 | G | 2B | | 1.31 | 2.82 | | |
| 0000020 | 513 | 1.0892 | -1.0893 | 1.0892 | G | 2B | | -0.12 | 2.15 | | |
| 0000022 | | | | | | | | | | | |
| traject | 1633 | 0.1474 | -0.1449 | 0.1462 | | | | 2.45 | 4.01 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151120 | 20151120 | 405630 | Ant. | 1540 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0205 | 278 | -0.3186 | 0.3196 | -0.3191 | G | 2B | 1.2640 | 1.07 | 1.58 | 1.2640 | 0.0000< |
| 0003034 | 461 | -0.2486 | 0.2491 | -0.2488 | G | 2B | 0.9449 | 0.54 | 2.04 | | |
| 0003035 | 38 | -0.0484 | 0.0484 | -0.0484 | G | 2B | 0.6961 | -0.01 | 0.58 | | |
| 0003036 | 169 | 0.1642 | -0.1644 | 0.1643 | G | 2B | 0.6476 | -0.18 | 1.23 | | |
| 0003024 | 23 | -0.6346 | 0.6349 | -0.6348 | G | 2B | 0.8119 | 0.24 | 0.45 | | |
| 0003026 | 15 | -0.1839 | 0.1838 | -0.1839 | G | 2B | 0.1772 | -0.05 | 0.37 | | |
| 000A2750 | 15 | 0.2307 | -0.2306 | 0.2307 | G | 2B | -0.0067 | 0.05 | 0.37 | 0.0590 | -0.0657 |
| 0003027 | 70 | 0.7110 | -0.7109 | 0.7110 | G | 2B | 0.2240 | 0.05 | 0.79 | | |
| 005G0219 | 300 | -0.7720 | 0.7726 | -0.7723 | G | 2B | 0.9349 | 0.69 | 1.64 | 0.9460 | -0.0111 |
| 005G0145 | 378 | 0.1387 | -0.1392 | 0.1389 | G | 2B | 0.1627 | -0.52 | 1.84 | 0.1690 | -0.0063 |
| 005G0179 | 13 | 0.3555 | -0.3555 | 0.3555 | G | 2B | 0.3016 | -0.01 | 0.34 | 0.3020 | -0.0004 |
| 0098126 | 196 | -1.0966 | 1.0968 | -1.0967 | G | 2B | 0.6571 | 0.20 | 1.33 | | |
| 005G0287 | 1065 | 0.2159 | -0.2152 | 0.2155 | G | 2B | -0.4397 | 0.73 | 3.10 | -0.4450 | 0.0053 |
| 005G0297 | | | | | | | -0.2241 | | | -0.2440 | 0.0199 |
| traject | 3020 | -1.4867 | 1.4895 | -1.4881 | | | | 2.80 | 5.85 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151117 | 20151117 | 405630 | Ant. | 1550 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0310 | 628 | -0.0424 | 0.0432 | -0.0428 | G | 2B | 1.0260 | 0.85 | 2.38 | 1.0260 | 0.0000< |
| 005G0206 | 749 | -1.2391 | 1.2402 | -1.2396 | G | 2B | 0.9832 | 1.12 | 2.60 | 0.9930 | -0.0098 |
| 005G0007 | 689 | 1.4891 | -1.4881 | 1.4886 | G | 2B | -0.2564 | 1.03 | 2.49 | -0.2360 | -0.0204 |
| 005G0205 | | | | | | | 1.2322 | | | 1.2640 | -0.0318 |
| traject | 2065 | 0.2077 | -0.2047 | 0.2062 | | | | 3.00 | 4.63 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151120 | 20151120 | 405630 | Ant. | 1592 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000022 | 110 | 1.6974 | -1.6978 | 1.6976 | G | 2B | | -0.42 | 0.99 | | |
| 005D0059 | 87 | -0.7256 | 0.7257 | -0.7257 | G | 2B | 1.7890 | 0.14 | 0.88 | 1.7890 | 0.0000< |
| 0099113 | 137 | -0.8869 | 0.8872 | -0.8871 | G | 2B | 1.0633 | 0.31 | 1.11 | | |
| 000A2748 | 388 | 0.8534 | -0.8531 | 0.8533 | G | 2B | 0.1763 | 0.22 | 1.87 | 0.1770 | -0.0007 |
| 005G0310 | | | | | | | 1.0295 | | | 1.0260 | 0.0035 |
| traject | 722 | 0.9382 | -0.9380 | 0.9381 | | | | 0.25 | 2.49 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151104 | 20151124 | 405630 | Ant. | 1622 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000998 | 288 | -1.7934 | 1.7935 | -1.7935 | G | 2B | | 0.12 | 1.61 | | |
| 005D0067 | 423 | 4.6600 | -4.6612 | 4.6606 | G | 2B | 0.9560 | -1.22 | 1.95 | 0.9560 | 0.0000< |
| 0099101 | 123 | -0.1443 | 0.1436 | -0.1439 | G | 2B | 5.6166 | -0.71 | 1.05 | | |
| 005D0070 | 131 | 0.1405 | -0.1405 | 0.1405 | G | 2B | 5.4727 | 0.03 | 1.09 | 5.4710 | 0.0017 |
| 0099102 | 419 | -0.6493 | 0.6495 | -0.6494 | G | 2B | 5.6132 | 0.23 | 1.94 | | |
| 005D0087 | 159 | -3.9151 | 3.9155 | -3.9153 | G | 2B | 4.9638 | 0.39 | 1.20 | 4.9780 | -0.0142 |
| 005D0074 | 741 | -0.2322 | 0.2330 | -0.2326 | G | 2B | 1.0485 | 0.84 | 2.58 | 1.0490 | -0.0005 |
| 005D0015 | 733 | -0.0214 | 0.0220 | -0.0217 | G | 2B | 0.8159 | 0.64 | 2.57 | 0.8180 | -0.0020 |
| 0000029 | | | | | | | 0.7942 | | | | |
| traject | 3017 | -1.9551 | 1.9554 | -1.9552 | | | | 0.32 | 5.85 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151104 | 20151104 | 405630 | Ant. | 1690 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000029 | 863 | 0.5976 | -0.5974 | 0.5975 | G | 2B | | 0.22 | 2.79 | | |
| 0000030 | | | | | | | | | | | |
| traject | 863 | 0.5976 | -0.5974 | 0.5975 | | | | 0.22 | 2.75 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151124 | 20151124 | 405630 | Ant. | 1692 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000998 | 543 | -0.0967 | 0.0964 | -0.0965 | G | 2B | | -0.32 | 2.21 | | |
| 005D0012 | 745 | -2.5646 | 2.5632 | -2.5639 | G | 2B | 2.6510 | -1.40 | 2.59 | 2.6510 | 0.0000< |
| 0000022 | | | | | | | 0.0871 | | | | |
| traject | 1288 | -2.6613 | 2.6595 | -2.6604 | | | | -1.72 | 3.48 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151027 | 20151027 | 405630F | Ant. | 1415 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0266 | 791 | -0.2514 | 0.2510 | -0.2512 | G | 2B | 0.8550 | -0.40 | 2.67 | 0.8550 | 0.0000< |
| 005G0167 | 68 | -0.8525 | 0.8526 | -0.8525 | G | 2B | 0.6038 | 0.05 | 0.78 | 0.6090 | -0.0052 |
| 005G0297 | | | | | | | -0.2487 | | | -0.2440 | -0.0047 |
| traject | 859 | -1.1039 | 1.1035 | -1.1037 | | | | -0.35 | 2.75 | | |
| VERVALLEN | | | | | | | | | | | |
| 005G0167 | 69 | -0.8526 | | -0.8526 | V | 2B | | | 0.79 | | |
| 005G0297 | | | | | | | | | | | |
| VERVALLEN | | | | | | | | | | | |
| 005G0167 | 68 | | 0.8518 | -0.8518 | V | 2B | | | 0.78 | | |
| 005G0297 | | | | | | | | | | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151026 | 20151029 | 405630F | Ant. | 1418 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0309 | 1284 | -1.7562 | 1.7566 | -1.7564 | G | 2B | 1.3880 | 0.47 | 3.40 | 1.3880 | 0.0000< |
| 0000075 | 316 | -0.2628 | 0.2631 | -0.2629 | G | 2B | -0.3684 | 0.30 | 1.69 | | |
| 0000070 | 295 | 0.9806 | -0.9805 | 0.9806 | G | 2B | -0.6313 | 0.11 | 1.63 | | |
| 005G0168 | | | | | | | 0.3493 | | | 0.3740 | -0.0247 |
| traject | 1894 | -1.0383 | 1.0392 | -1.0387 | | | | 0.88 | 4.39 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151027 | 20151029 | 405630F | Ant. | 1440 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0297 | 395 | 1.5394 | -1.5389 | 1.5391 | G | 2B | -0.2440 | 0.51 | 1.88 | -0.2440 | 0.0000< |
| 005G0200 | 683 | -1.9001 | 1.9002 | -1.9001 | G | 2B | 1.2951 | 0.10 | 2.48 | 1.3000 | -0.0049 |
| 0000078 | 221 | 0.9611 | -0.9608 | 0.9610 | G | 2B | -0.6050 | 0.30 | 1.41 | | |
| 005G0168 | | | | | | | 0.3560 | | | 0.3740 | -0.0180 |
| traject | 1298 | 0.6004 | -0.5995 | 0.6000 | | | | 0.91 | 3.50 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151012 | 20151012 | 405630F | Ant. | 1721 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0039 | 453 | -0.0921 | 0.0920 | -0.0921 | G | 2B | 1.0030 | -0.11 | 2.02 | 1.0030 | 0.0000< |
| 005G0189 | 997 | -1.0231 | 1.0232 | -1.0231 | G | 2B | 0.9109 | 0.06 | 3.00 | 0.9130 | -0.0021 |
| 005G0221 | 412 | -0.4903 | 0.4900 | -0.4901 | G | 2B | -0.1122 | -0.28 | 1.93 | -0.1080 | -0.0042 |
| 0000055 | | | | | | | -0.6023 | | | | |
| traject | 1862 | -1.6055 | 1.6052 | -1.6053 | | | | -0.33 | 4.34 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151008 | 20151008 | 405630F | Ant. | 1725 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0239 | 54 | -0.4115 | 0.4115 | -0.4115 | G | 2B | 1.6820 | -0.01 | 0.70 | 1.6820 | 0.0000< |
| 0004013 | 663 | 0.3105 | -0.3093 | 0.3099 | G | 2B | 1.2705 | 1.15 | 2.44 | | |
| 005G0274 | | | | | | | 1.5804 | | | 1.5870 | -0.0066 |
| traject | 717 | -0.1010 | 0.1022 | -0.1016 | | | | 1.14 | 2.48 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151012 | 20151012 | 405630F | Ant. | 1726 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0274 | 768 | -2.1988 | 2.1989 | -2.1988 | G | 2B | 1.5870 | 0.11 | 2.63 | 1.5870 | 0.0000< |
| 0000055 | | | | | | | -0.6118 | | | | |
| traject | 768 | -2.1988 | 2.1989 | -2.1988 | | | | 0.11 | 2.57 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151009 | 20151014 | 405630F | Ant. | 1790 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000013 | 923 | -1.3305 | 1.3314 | -1.3310 | G | 2B | | 0.84 | 2.88 | | |
| 0000032 | 1219 | 1.4835 | -1.4807 | 1.4821 | G | 2B | | 2.84 | 3.31 | | |
| 0000042 | 505 | 0.1053 | -0.1050 | 0.1051 | G | 2B | | 0.24 | 2.13 | | |
| 0099112 | 186 | 7.9308 | -7.9307 | 7.9307 | G | 2B | | 0.15 | 1.29 | | |
| 0004011 | 164 | -8.0894 | 8.0891 | -8.0892 | G | 2B | | -0.33 | 1.21 | | |
| 0004012 | 33 | -0.4590 | 0.4590 | -0.4590 | G | 2B | | 0.01 | 0.54 | | |
| 005G0132 | 38 | 0.7743 | -0.7742 | 0.7742 | G | 2B | 0.9070 | 0.06 | 0.58 | 0.9070 | 0.0000< |
| 005G0239 | | | | | | | 1.6812 | | | 1.6820 | -0.0008 |
| traject | 3068 | 0.4150 | -0.4112 | 0.4131 | | | | 3.81 | 5.91 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151028 | 20151028 | 405630F | Ant. | 1821 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000052 | 880 | -0.4009 | 0.4007 | -0.4008 | G | 2B | | -0.23 | 2.81 | | |
| 0000071 | 162 | -0.1753 | 0.1753 | -0.1753 | G | 2B | | 0.02 | 1.21 | | |
| 005G0187 | 530 | 0.4284 | -0.4288 | 0.4286 | G | 2B | 0.3200 | -0.35 | 2.18 | 0.3200 | 0.0000< |
| 0000009 | | | | | | | 0.7486 | | | | |
| traject | 1572 | -0.1478 | 0.1472 | -0.1475 | | | | -0.56 | 3.92 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151028 | 20151028 | 405630F | Ant. | 1831 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0227 | 755 | 0.1045 | -0.1041 | 0.1043 | G | 2B | 0.8390 | 0.33 | 2.61 | 0.8390 | 0.0000< |
| 005G0275 | 524 | -0.0324 | 0.0321 | -0.0323 | G | 2B | 0.9433 | -0.24 | 2.17 | 0.9310 | 0.0123 |
| 0000052 | | | | | | | 0.9110 | | | | |
| traject | 1279 | 0.0721 | -0.0720 | 0.0720 | | | | 0.09 | 3.47 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151029 | 20151029 | 405630F | Ant. | 1840 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0227 | 169 | -0.4266 | 0.4270 | -0.4268 | G | 2B | 0.8390 | 0.39 | 1.23 | 0.8390 | 0.0000< |
| 005G0201 | 809 | 0.5654 | -0.5636 | 0.5645 | G | 2B | 0.4122 | 1.74 | 2.70 | 0.4130 | -0.0008 |
| 005G0281 | 770 | -0.5940 | 0.5944 | -0.5942 | G | 2B | 0.9767 | 0.31 | 2.63 | 0.9820 | -0.0053 |
| 005G0168 | | | | | | | 0.3825 | | | 0.3740 | 0.0085 |
| traject | 1747 | -0.4553 | 0.4578 | -0.4565 | | | | 2.44 | 4.18 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151012 | 20151012 | 405630F | Ant. | 2021 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000055 | 455 | 1.4173 | -1.4167 | 1.4170 | G | 2B | | 0.58 | 2.02 | | |
| 005G0049 | 523 | -0.3390 | 0.3383 | -0.3387 | G | 2B | 0.8160 | -0.67 | 2.17 | 0.8160 | 0.0000< |
| 0000073 | | | | | | | 0.4773 | | | | |
| traject | 978 | 1.0783 | -1.0784 | 1.0783 | | | | -0.09 | 2.96 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151012 | 20151012 | 405630F | Ant. | 2026 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000055 | 657 | 2.8124 | -2.8120 | 2.8122 | G | 2B | | 0.34 | 2.43 | | |
| 005G0052 | 768 | -0.9299 | 0.9305 | -0.9302 | G | 2B | 2.2040 | 0.66 | 2.63 | 2.2040 | 0.0000< |
| 005G0231 | | | | | | | 1.2738 | | | 1.2810 | -0.0072 |
| traject | 1425 | 1.8825 | -1.8815 | 1.8820 | | | | 1.00 | 3.70 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151029 | 20151029 | 405630F | Ant. | 2028 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0231 | 792 | -0.1517 | 0.1523 | -0.1520 | G | 2B | 1.2810 | 0.58 | 2.67 | 1.2810 | 0.0000< |
| 005G0161 | 376 | -1.9396 | 1.9400 | -1.9398 | G | 2B | 1.1290 | 0.45 | 1.84 | 1.1460 | -0.0170 |
| 0000049 | 874 | 1.8528 | -1.8525 | 1.8526 | G | 2B | -0.8108 | 0.25 | 2.80 | | |
| 005G0043 | 19 | -0.0959 | 0.0961 | -0.0960 | G | 2B | 1.0419 | 0.17 | 0.41 | | |
| 005G0160 | 188 | -0.4273 | 0.4273 | -0.4273 | G | 2B | 0.9459 | 0.01 | 1.30 | 0.9720 | -0.0261 |
| 0000066 | | | | | | | 0.5186 | | | | |
| traject | 2248 | -0.7616 | 0.7631 | -0.7624 | | | | 1.46 | 4.87 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151026 | 20151028 | 405630F | Ant. | 2031 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000073 | 724 | 0.3231 | -0.3231 | 0.3231 | G | 2B | | 0.06 | 2.55 | | |
| 0000067 | 353 | -1.0545 | 1.0542 | -1.0544 | G | 2B | | -0.36 | 1.78 | | |
| 0000074 | 509 | -0.5578 | 0.5580 | -0.5579 | G | 2B | | 0.26 | 2.14 | | |
| 0000051 | 514 | 1.4989 | -1.4989 | 1.4989 | G | 2B | | -0.03 | 2.15 | | |
| 0000050 | 380 | -0.1693 | 0.1695 | -0.1694 | G | 2B | | 0.23 | 1.85 | | |
| 0000066 | | | | | | | | | | | |
| traject | 2480 | 0.0404 | -0.0403 | 0.0404 | | | | 0.16 | 5.18 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151009 | 20151028 | 405630F | Ant. | 2131 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000052 | 540 | -1.0677 | 1.0680 | -1.0678 | G | 2B | | 0.34 | 2.20 | | |
| 0000072 | 325 | -0.0417 | 0.0413 | -0.0415 | G | 2B | | -0.39 | 1.71 | | |
| 0000053 | 55 | 0.2688 | -0.2689 | 0.2689 | G | 2B | | -0.04 | 0.70 | | |
| 0000104 | 11 | 0.0990 | -0.0990 | 0.0990 | G | 2B | | 0.02 | 0.31 | | |
| 0000105 | 14 | -0.1802 | 0.1801 | -0.1802 | G | 2B | | -0.08 | 0.35 | | |
| 0000106 | 22 | -0.2481 | 0.2480 | -0.2480 | G | 2B | | -0.07 | 0.44 | | |
| 000A2894 | 459 | 0.7587 | -0.7585 | 0.7586 | G | 2B | -0.2990 | 0.14 | 2.03 | -0.2990 | 0.0000< |
| 0000073 | | | | | | | 0.4596 | | | | |
| traject | 1426 | -0.4111 | 0.4110 | -0.4111 | | | | -0.08 | 3.70 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151124 | 20151124 | 405630 | Ant. | 2223 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005D0007 | 538 | 0.1418 | -0.1412 | 0.1415 | G | 2B | 2.1120 | 0.63 | 2.20 | 2.1120 | 0.0000< |
| 005D0066 | 728 | 0.4934 | -0.4952 | 0.4943 | G | 2B | 2.2535 | -1.76 | 2.56 | 2.2530 | 0.0005 |
| 0000998 | | | | | | | 2.7478 | | | | |
| traject | 1266 | 0.6352 | -0.6363 | 0.6358 | | | | -1.13 | 3.45 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151105 | 20151125 | 405630 | Ant. | 2290 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000029 | 152 | -0.7674 | 0.7676 | -0.7675 | G | 2B | | 0.23 | 1.17 | | |
| 0004033 | 17 | 0.7872 | -0.7871 | 0.7871 | G | 2B | | 0.11 | 0.39 | | |
| 005D0057 | 113 | 0.4261 | -0.4262 | 0.4262 | G | 2B | 0.8100 | -0.15 | 1.01 | 0.8100 | 0.0000< |
| 0004032 | 258 | 8.3483 | -8.3482 | 8.3482 | G | 2B | 1.2362 | 0.12 | 1.52 | | |
| 0004031 | 175 | -8.1406 | 8.1403 | -8.1404 | G | 2B | 9.5844 | -0.37 | 1.25 | | |
| 0099110 | 623 | 3.3461 | -3.3462 | 3.3461 | G | 2B | 1.4440 | -0.10 | 2.37 | | |
| 005D0083 | 835 | 0.7815 | -0.7820 | 0.7818 | G | 2B | 4.7901 | -0.49 | 2.74 | 4.7970 | -0.0069 |
| 0000045 | 561 | 0.5609 | -0.5619 | 0.5614 | G | 2B | 5.5719 | -0.95 | 2.25 | | |
| 0000046 | 659 | -3.2035 | 3.2037 | -3.2036 | G | 2B | 6.1333 | 0.19 | 2.44 | | |
| 0000047 | 34 | -0.0899 | 0.0897 | -0.0898 | G | 2B | 2.9297 | -0.24 | 0.55 | | |
| 0099103 | 345 | 1.3387 | -1.3375 | 1.3381 | G | 2B | 2.8399 | 1.17 | 1.76 | | |
| 0003042 | 707 | -2.0696 | 2.0697 | -2.0696 | G | 2B | 4.1780 | 0.07 | 2.52 | | |
| 005D0007 | | | | | | | 2.1083 | | | 2.1120 | -0.0037 |
| traject | 4477 | 1.3178 | -1.3182 | 1.3180 | | | | -0.41 | 7.53 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151119 | 20151119 | 405630 | Ant. | 2324 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000107 | 437 | 0.3442 | -0.3442 | 0.3442 | G | 2B | | 0.03 | 1.98 | | |
| 005D0005 | | | | | | | | | | 2.0110 | |
| traject | 437 | 0.3442 | -0.3442 | 0.3442 | | | | 0.03 | 1.87 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151124 | 20151124 | 405630 | Ant. | 2390 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000107 | 410 | 0.4463 | -0.4464 | 0.4464 | G | 2B | | -0.12 | 1.92 | | |
| 005D0007 | | | | | | | | | | 2.1120 | |
| traject | 410 | 0.4463 | -0.4464 | 0.4464 | | | | -0.12 | 1.80 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151105 | 20151119 | 405630 | Ant. | 2392 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005D0005 | 684 | -1.1488 | 1.1494 | -1.1491 | G | 2B | 2.0110 | 0.59 | 2.48 | 2.0110 | 0.0000< |
| 0000041 | 525 | -0.0857 | 0.0862 | -0.0859 | G | 2B | 0.8619 | 0.56 | 2.17 | | |
| 0000040 | 654 | -0.0055 | 0.0072 | -0.0064 | G | 2B | 0.7760 | 1.68 | 2.43 | | |
| 0000065 | 134 | -0.1199 | 0.1193 | -0.1196 | G | 2B | 0.7696 | -0.57 | 1.10 | | |
| 005D0082 | 251 | 2.0979 | -2.0975 | 2.0977 | G | 2B | 0.6501 | 0.37 | 1.50 | 0.6480 | 0.0021 |
| 0000998 | | | | | | | 2.7477 | | | | |
| traject | 2248 | 0.7380 | -0.7354 | 0.7367 | | | | 2.63 | 4.87 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151123 | 20151125 | 405630 | Ant. | 2490 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000107 | 550 | 4.4637 | -4.4628 | 4.4633 | G | 2B | | 0.90 | 2.22 | | |
| 005D0072 | 19 | 0.8548 | -0.8551 | 0.8549 | G | 2B | 6.1330 | -0.27 | 0.41 | 6.1330 | 0.0000< |
| 000A4020 | 22 | -0.5256 | 0.5258 | -0.5257 | G | 2B | 6.9879 | 0.22 | 0.44 | 6.9860 | 0.0019 |
| 005D0081 | | | | | | | 6.4623 | | | 6.4610 | 0.0013 |
| traject | 591 | 4.7930 | -4.7921 | 4.7925 | | | | 0.85 | 2.22 | | |

Meetregister bij het meetplan Barradeel en Barradeel II

Rapportage van de nauwkeurigheidswaterpassing Barradeel en Barradeel II 2015

projectnummer 405630

16 februari 2016 revisie 01



| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151119 | 20151125 | 405630 | Ant. | 2492 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005D0005 | 226 | -0.2905 | 0.2900 | -0.2902 | G | 2B | 2.0110 | -0.51 | 1.42 | 2.0110 | 0.0000< |
| 005D0004 | 165 | 0.9750 | -0.9752 | 0.9751 | G | 2B | 1.7208 | -0.14 | 1.22 | 1.7200 | 0.0008 |
| 005D0037 | 346 | 0.7017 | -0.7006 | 0.7011 | G | 2B | 2.6959 | 1.07 | 1.76 | 2.6950 | 0.0009 |
| 005D0003 | 270 | 0.5618 | -0.5622 | 0.5620 | G | 2B | 3.3970 | -0.36 | 1.56 | 3.3970 | 0.0000 |
| 005D0069 | 625 | 2.4999 | -2.4991 | 2.4995 | G | 2B | 3.9590 | 0.79 | 2.37 | 3.9640 | -0.0050 |
| 005D0081 | | | | | | | 6.4585 | | | 6.4610 | -0.0025 |
| traject | 1631 | 4.4479 | -4.4471 | 4.4475 | | | | 0.85 | 4.01 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151009 | 20151009 | 405630F | Ant. | 2526 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0274 | 802 | -0.3855 | 0.3869 | -0.3861 | G | 2B | 1.5870 | 1.40 | 2.69 | 1.5870 | 0.0000< |
| 005G0155 | 36 | 0.0304 | -0.0305 | 0.0305 | G | 2B | 1.2009 | -0.13 | 0.57 | 1.1990 | 0.0018 |
| 005G0267 | 564 | 0.5659 | -0.5639 | 0.5649 | G | 2B | 1.2313 | 2.08 | 2.25 | 1.2280 | 0.0033 |
| 005G0063 | 826 | 0.2341 | -0.2324 | 0.2333 | G | 2B | 1.7962 | 1.64 | 2.73 | 1.7930 | 0.0032 |
| 005G0154 | | | | | | | 2.0295 | | | 2.0280 | 0.0015 |
| traject | 2228 | 0.4450 | -0.4400 | 0.4425 | | | | 4.99* | 4.84 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151008 | 20151009 | 405630F | Ant. | 2590 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0154 | 774 | -0.0634 | 0.0645 | -0.0639 | G | 2B | 2.0280 | 1.11 | 2.64 | 2.0280 | 0.0000< |
| 005G0118 | 77 | -1.6848 | 1.6846 | -1.6847 | G | 2B | 1.9641 | -0.17 | 0.83 | 1.9610 | 0.0031 |
| 0004043 | 48 | 0.9721 | -0.9724 | 0.9722 | G | 2B | 0.2793 | -0.34 | 0.66 | | |
| 0004042 | 180 | 7.9368 | -7.9369 | 7.9368 | G | 2B | 1.2516 | -0.16 | 1.27 | | |
| 0004041 | 181 | -7.5539 | 7.5534 | -7.5537 | G | 2B | 9.1884 | -0.44 | 1.28 | | |
| 0099002 | 1243 | -1.4501 | 1.4523 | -1.4512 | G | 2B | 1.6347 | 2.11 | 3.34 | | |
| 005G0122 | 1219 | 1.5055 | -1.5025 | 1.5040 | G | 2B | 0.1835 | 3.00 | 3.31 | 0.1800 | 0.0035 |
| 005G0239 | | | | | | | 1.6875 | | | 1.6820 | 0.0055 |
| traject | 3721 | -0.3379 | 0.3430 | -0.3405 | | | | 5.11 | 6.68 | | |

| | | | | | | | | | | | |
|-----------|------|---------|--------|---------|---|----|--|--|--|------|--|
| VERVALLEN | | | | | | | | | | | |
| 0099002 | 1242 | -1.4481 | | -1.4481 | V | 2B | | | | 3.34 | |
| 005G0122 | | | | | | | | | | | |
| VERVALLEN | | | | | | | | | | | |
| 0099002 | 1241 | | 1.4529 | -1.4529 | V | 2B | | | | 3.34 | |
| 005G0122 | | | | | | | | | | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151007 | 20151008 | 405630F | Ant. | 2627 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0065 | 1174 | 0.4629 | -0.4609 | 0.4619 | G | 2B | 0.8000 | 1.95 | 3.25 | 0.8000 | 0.0000< |
| 0099120 | 20 | 0.5955 | -0.5955 | 0.5955 | G | 2B | 1.2619 | 0.06 | 0.42 | | |
| 005G0057 | 22 | -0.6295 | 0.6294 | -0.6295 | G | 2B | 1.8574 | -0.12 | 0.44 | 1.8770 | -0.0196 |
| 0099121 | 779 | 0.3390 | -0.3385 | 0.3388 | G | 2B | 1.2279 | 0.51 | 2.65 | | |
| 005G0230 | | | | | | | 1.5667 | | | 1.6230 | -0.0563 |
| traject | 1994 | 0.7679 | -0.7655 | 0.7667 | | | | 2.40 | 4.53 | | |

| | | | | | | | | | | | |
|-----------|----|---------|--------|---------|---|----|--|--|--|------|--|
| VERVALLEN | | | | | | | | | | | |
| 005G0057 | 22 | -0.6297 | | -0.6297 | V | 2B | | | | 0.44 | |
| 0099121 | | | | | | | | | | | |
| VERVALLEN | | | | | | | | | | | |
| 005G0057 | 22 | | 0.6303 | -0.6303 | V | 2B | | | | 0.44 | |
| 0099121 | | | | | | | | | | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151012 | 20151012 | 405630F | Ant. | 2628 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0231 | 575 | 0.7402 | -0.7386 | 0.7394 | G | 2B | 1.2810 | 1.64 | 2.27 | 1.2810 | 0.0000< |
| 005G0053 | 985 | -0.7023 | 0.7037 | -0.7030 | G | 2B | 2.0204 | 1.43 | 2.98 | 2.0370 | -0.0166 |
| 005G0115 | | | | | | | 1.3174 | | | 1.3580 | -0.0406 |
| traject | 1560 | 0.0379 | -0.0349 | 0.0364 | | | | 3.07 | 3.90 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151013 | 20151013 | 405630F | Ant. | 2629 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0115 | 154 | 2.3984 | -2.3988 | 2.3986 | G | 2B | 1.3580 | -0.41 | 1.18 | 1.3580 | 0.0000< |
| 005G0054 | 327 | -2.1395 | 2.1405 | -2.1400 | G | 2B | 3.7566 | 0.91 | 1.72 | 3.7590 | -0.0024 |
| 005G0230 | | | | | | | 1.6167 | | | 1.6230 | -0.0063 |
| traject | 481 | 0.2589 | -0.2584 | 0.2587 | | | | 0.50 | 1.97 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151008 | 20151008 | 405630F | Ant. | 2690 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0154 | 471 | -0.8925 | 0.8926 | -0.8925 | G | 2B | 2.0280 | 0.12 | 2.06 | 2.0280 | 0.0000< |
| 005G0232 | 568 | -0.3363 | 0.3377 | -0.3370 | G | 2B | 1.1355 | 1.33 | 2.26 | 1.1340 | 0.0015 |
| 005G0065 | | | | | | | 0.7985 | | | 0.8000 | -0.0015 |
| traject | 1039 | -1.2288 | 1.2302 | -1.2295 | | | | 1.45 | 3.07 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151013 | 20151013 | 405630F | Ant. | 2729 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0230 | 513 | -0.7154 | 0.7156 | -0.7155 | G | 2B | 1.6230 | 0.21 | 2.15 | 1.6230 | 0.0000< |
| 005G0244 | 209 | 0.6119 | -0.6118 | 0.6118 | G | 2B | 0.9075 | 0.12 | 1.37 | 0.9180 | -0.0105 |
| 005G0243 | 1355 | 0.5424 | -0.5408 | 0.5416 | G | 2B | 1.5194 | 1.62 | 3.49 | 1.5160 | 0.0034 |
| 005G0242 | | | | | | | 2.0610 | | | 2.0240 | 0.0370 |
| traject | 2077 | 0.4389 | -0.4370 | 0.4380 | | | | 1.95 | 4.64 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151019 | 20151019 | 405630F | Ant. | 2736 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0242 | 561 | -1.1075 | 1.1076 | -1.1076 | G | 2B | 2.0240 | 0.13 | 2.25 | 2.0240 | 0.0000< |
| 005G0255 | 1247 | 0.6295 | -0.6279 | 0.6287 | G | 2B | 0.9164 | 1.64 | 3.35 | 0.9100 | 0.0064 |
| 005G0117 | 270 | -0.3701 | 0.3711 | -0.3706 | G | 2B | 1.5451 | 0.96 | 1.56 | 1.5210 | 0.0241 |
| 005G0256 | | | | | | | 1.1745 | | | 1.1480 | 0.0265 |
| traject | 2078 | -0.8481 | 0.8508 | -0.8495 | | | | 2.73 | 4.64 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151020 | 20151020 | 405630F | Ant. | 2790 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0256 | 877 | 0.7730 | -0.7715 | 0.7722 | G | 2B | 1.1480 | 1.52 | 2.81 | 1.1480 | 0.0000< |
| 005G0097 | 566 | -2.2438 | 2.2432 | -2.2435 | G | 2B | 1.9202 | -0.65 | 2.26 | 1.9230 | -0.0028 |
| 005G0257 | 665 | 2.7822 | -2.7828 | 2.7825 | G | 2B | -0.3232 | -0.65 | 2.45 | -0.3220 | -0.0012 |
| 005G0308 | 827 | -1.3815 | 1.3818 | -1.3816 | G | 2B | 2.4593 | 0.30 | 2.73 | 2.4600 | -0.0007 |
| 005G0236 | 820 | -0.0021 | 0.0014 | -0.0017 | G | 2B | 1.0776 | -0.65 | 2.72 | 1.0790 | -0.0014 |
| 005G0307 | 880 | 0.5965 | -0.5965 | 0.5965 | G | 2B | 1.0759 | 0.06 | 2.81 | 1.0790 | -0.0031 |
| 005G0233 | 615 | -0.8795 | 0.8793 | -0.8794 | G | 2B | 1.6724 | -0.15 | 2.35 | 1.6790 | -0.0066 |
| 005G0065 | | | | | | | 0.7930 | | | 0.8000 | -0.0070 |
| traject | 5248 | -0.3551 | 0.3549 | -0.3550 | | | | -0.22 | 8.35 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151007 | 20151013 | 405630F | Ant. | 2829 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0115 | 666 | 0.1980 | -0.1986 | 0.1983 | G | 2B | 1.3580 | -0.63 | 2.45 | 1.3580 | 0.0000< |
| 005G0135 | 570 | -0.5131 | 0.5141 | -0.5136 | G | 2B | 1.5563 | 0.94 | 2.26 | 1.6060 | -0.0497 |
| 005G0093 | 110 | -0.4121 | 0.4125 | -0.4123 | G | 2B | 1.0427 | 0.42 | 0.99 | 1.1350 | -0.0923 |
| 005G0263 | | | | | | | 0.6304 | | | 0.7250 | -0.0946 |
| traject | 1346 | -0.7272 | 0.7279 | -0.7276 | | | | 0.73 | 3.57 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20000101 | 20000101 | 405630F | Ant. | 2830 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0263 | 348 | 0.4508 | -0.4505 | 0.4506 | G | 2B | 0.7250 | 0.34 | 1.77 | 0.7250 | 0.0000< |
| 005G0253 | 578 | 0.3293 | -0.3288 | 0.3290 | G | 2B | 1.1756 | 0.53 | 2.28 | 1.1670 | 0.0086 |
| 005G0092 | 664 | -0.8476 | 0.8493 | -0.8484 | G | 2B | 1.5047 | 1.70 | 2.44 | 1.4590 | 0.0457 |
| 005G0113 | | | | | | | 0.6562 | | | 0.5720 | 0.0842 |
| traject | 1589 | -0.0675 | 0.0701 | -0.0688 | | | | 2.57 | 3.95 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|----------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151028 | 20151028 | 405630F | Ant. | 2831 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000066 | 840 | 0.0026 | -0.0023 | 0.0024 | G | 2B | | 0.24 | 2.75 | | |
| 005G0113 | | | | | | | | | | 0.5720 | |
| traject | 840 | 0.0026 | -0.0023 | 0.0024 | | | | 0.24 | 2.71 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151007 | 20151013 | 405630F | Ant. | 2930 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000111 | 251 | 1.0142 | -1.0138 | 1.0140 | G | 2B | | 0.38 | 1.50 | | |
| 0099125 | 50 | 0.1312 | -0.1310 | 0.1311 | G | 2B | | 0.24 | 0.67 | | |
| 0000102 | 36 | -0.0336 | 0.0338 | -0.0337 | G | 2B | | 0.18 | 0.57 | | |
| 0000103 | 83 | -0.1212 | 0.1216 | -0.1214 | G | 2B | | 0.39 | 0.86 | | |
| 0099126 | 192 | 0.0194 | -0.0192 | 0.0193 | G | 2B | | 0.19 | 1.31 | | |
| 0000101 | 504 | 0.5478 | -0.5466 | 0.5472 | G | 2B | | 1.23 | 2.13 | | |
| 005G0263 | | | | | | | | | | 0.7250 | |
| traject | 1116 | 1.5578 | -1.5552 | 1.5565 | | | | 2.61 | 3.20 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151016 | 20151026 | 405630F | Ant. | 2934 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0246 | 545 | -0.8958 | 0.8960 | -0.8959 | G | 2B | 0.6250 | 0.16 | 2.21 | 0.6250 | 0.0000< |
| 0000076 | 333 | 1.0362 | -1.0360 | 1.0361 | G | 2B | -0.2709 | 0.28 | 1.73 | | |
| 005G0245 | 865 | 0.1028 | -0.1028 | 0.1028 | G | 2B | 0.7652 | 0.00 | 2.79 | 0.7400 | 0.0252 |
| 005G0288 | 899 | 0.1394 | -0.1398 | 0.1396 | G | 2B | 0.8679 | -0.32 | 2.84 | 0.8350 | 0.0329 |
| 005G0306 | 437 | -0.8838 | 0.8838 | -0.8838 | G | 2B | 1.0075 | 0.08 | 1.98 | 0.9030 | 0.1045 |
| 0000081 | | | | | | | 0.1237 | | | | |
| traject | 3077 | -0.5011 | 0.5013 | -0.5013 | | | | 0.20 | 5.92 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151016 | 20151016 | 405630F | Ant. | 2936 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0242 | 979 | -2.0779 | 2.0774 | -2.0776 | G | 2B | 2.0240 | -0.56 | 2.97 | 2.0240 | 0.0000< |
| 0000082 | 656 | 0.0332 | -0.0333 | 0.0332 | G | 2B | -0.0536 | -0.16 | 2.43 | | |
| 0000081 | | | | | | | -0.0204 | | | | |
| traject | 1635 | -2.0448 | 2.0440 | -2.0444 | | | | -0.72 | 4.01 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20000101 | 20000101 | 405630F | Ant. | 3031 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0113 | 1067 | 0.4578 | -0.4559 | 0.4569 | G | 2B | 0.5720 | 1.88 | 3.10 | 0.5720 | 0.0000< |
| 005G0032 | | | | | | | 1.0289 | | | 1.0020 | 0.0269 |
| traject | 1067 | 0.4578 | -0.4559 | 0.4569 | | | | 1.88 | 3.12 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151029 | 20151029 | 405630F | Ant. | 3032 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0252 | 605 | -0.0303 | 0.0297 | -0.0300 | G | 2B | 2.6510 | -0.57 | 2.33 | 2.6510 | 0.0000< |
| 005G0033 | 249 | -1.6047 | 1.6035 | -1.6041 | G | 2B | 2.6210 | -1.17 | 1.50 | 2.6050 | 0.0160 |
| 005G0032 | | | | | | | 1.0169 | | | 1.0020 | 0.0149 |
| traject | 854 | -1.6350 | 1.6332 | -1.6341 | | | | -1.74 | 2.74 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151013 | 20151022 | 405630F | Ant. | 3034 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0035 | 772 | -2.0769 | 2.0775 | -2.0772 | G | 2B | 3.0840 | 0.62 | 2.64 | 3.0840 | 0.0000< |
| 005G0247 | 796 | -1.0522 | 1.0523 | -1.0522 | G | 2B | 1.0068 | 0.09 | 2.68 | 1.0590 | -0.0522 |
| 0000113 | 309 | -0.8101 | 0.8098 | -0.8099 | G | 2B | -0.0454 | -0.30 | 1.67 | | |
| 0000112 | 292 | -0.0232 | 0.0230 | -0.0231 | G | 2B | -0.8553 | -0.18 | 1.62 | | |
| 0000111 | | | | | | | -0.8784 | | | | |
| traject | 2169 | -3.9623 | 3.9625 | -3.9624 | | | | 0.23 | 4.77 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|----------------------------------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151022 | 20151022 | 405630F | Ant. | 3038 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu- s | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0248 | 309 | 2.4437 | -2.4433 | 2.4435 | G | 2B | 0.6240 | 0.36 | 1.67 | 0.6240 | 0.0000< |
| 005G0035 | | | | | | | 3.0675 | | | 3.0840 | -0.0165 |
| traject | 309 | 2.4437 | -2.4433 | 2.4435 | | | | 0.36 | 1.54 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151022 | 20151022 | 405630F | Ant. | 3044 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu- s | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0252 | 477 | -1.3989 | 1.3990 | -1.3990 | G | 2B | 2.6510 | 0.12 | 2.07 | 2.6510 | 0.0000< |
| 005G0034 | 532 | -0.6632 | 0.6631 | -0.6631 | G | 2B | 1.2520 | -0.05 | 2.19 | 1.2740 | -0.0220 |
| 005G0248 | | | | | | | 0.5889 | | | 0.6240 | -0.0351 |
| traject | 1009 | -2.0621 | 2.0622 | -2.0621 | | | | 0.07 | 3.02 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151029 | 20151029 | 405630F | Ant. | 3132 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu- s | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0018 | 444 | 0.1497 | -0.1492 | 0.1495 | G | 2B | 0.7020 | 0.44 | 2.00 | 0.7020 | 0.0000< |
| 005G0258 | 906 | 0.1259 | -0.1234 | 0.1246 | G | 2B | 0.8514 | 2.55 | 2.86 | 0.8530 | -0.0016 |
| 005G0032 | | | | | | | 0.9761 | | | 1.0020 | -0.0259 |
| traject | 1350 | 0.2756 | -0.2726 | 0.2741 | | | | 2.99 | 3.58 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151027 | 20151102 | 405630F | Ant. | 3141 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu- s | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0227 | 481 | -0.9727 | 0.9730 | -0.9728 | G | 2B | 0.8390 | 0.26 | 2.08 | 0.8390 | 0.0000< |
| 0099114 | 32 | 0.9452 | -0.9452 | 0.9452 | G | 2B | -0.1339 | -0.08 | 0.54 | | |
| 005G0142 | 38 | -0.9646 | 0.9646 | -0.9646 | G | 2B | 0.8114 | 0.03 | 0.58 | 0.8150 | -0.0036 |
| 0099115 | 266 | 1.2171 | -1.2178 | 1.2175 | G | 2B | -0.1533 | -0.77 | 1.55 | | |
| 0099127 | 12 | -0.4123 | 0.4122 | -0.4122 | G | 2B | 1.0642 | -0.13 | 0.33 | | |
| 005G0180 | 409 | -0.0603 | 0.0607 | -0.0605 | G | 2B | 0.6520 | 0.43 | 1.92 | 0.6560 | -0.0040 |
| 005G0254 | 217 | 0.6211 | -0.6207 | 0.6209 | G | 2B | 0.5915 | 0.40 | 1.40 | 0.5900 | 0.0015 |
| 005G0304 | | | | | | | 1.2124 | | | 1.2070 | 0.0054 |
| traject | 1454 | 0.3735 | -0.3733 | 0.3734 | | | | 0.14 | 3.74 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151102 | 20151102 | 405630F | Ant. | 3142 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu- s | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0304 | 218 | -0.4764 | 0.4768 | -0.4766 | G | 2B | 1.2070 | 0.30 | 1.40 | 1.2070 | 0.0000< |
| 005G0218 | 344 | 0.2902 | -0.2897 | 0.2900 | G | 2B | 0.7304 | 0.46 | 1.76 | 0.7260 | 0.0044 |
| 0003023 | 361 | -0.2998 | 0.3004 | -0.3001 | G | 2B | 1.0204 | 0.61 | 1.80 | | |
| 005G0018 | | | | | | | 0.7203 | | | 0.7020 | 0.0183 |
| traject | 923 | -0.4860 | 0.4874 | -0.4867 | | | | 1.37 | 2.86 | | |
| VERVALLEN 0003023 005G0018 | 361 | -0.3000 | | -0.3000 | V | 2B | | | 1.80 | | |
| VERVALLEN 0003023 005G0018 | 360 | | 0.2743 | -0.2743 | V | 2B | | | 1.80 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151027 | 20151029 | 405630F | Ant. | 3244 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | statu- s | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0018 | 1141 | 2.2857 | -2.2855 | 2.2856 | G | 2B | 0.7020 | 0.14 | 3.20 | 0.7020 | 0.0000< |
| 005G0182 | 270 | -2.5375 | 2.5375 | -2.5375 | G | 2B | 2.9876 | 0.00 | 1.56 | 2.9900 | -0.0024 |
| 005G0140 | 699 | 2.1602 | -2.1600 | 2.1601 | G | 2B | 0.4501 | 0.23 | 2.51 | 0.4590 | -0.0089 |
| 005G0252 | | | | | | | 2.6102 | | | 2.6510 | -0.0408 |
| traject | 2109 | 1.9084 | -1.9081 | 1.9082 | | | | 0.37 | 4.68 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151016 | 20151016 | 405630F | Ant. | 3437 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0265 | 728 | -1.7395 | 1.7400 | -1.7397 | G | 2B | 1.6640 | 0.47 | 2.56 | 1.6640 | 0.0000< |
| 005G0224 | 617 | 0.0538 | -0.0540 | 0.0539 | G | 2B | -0.0757 | -0.20 | 2.36 | -0.0610 | -0.0147 |
| 0000081 | | | | | | | -0.0219 | | | | |
| traject | 1345 | -1.6857 | 1.6860 | -1.6859 | | | | 0.27 | 3.57 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151016 | 20151022 | 405630F | Ant. | 3438 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0265 | 169 | 1.0811 | -1.0807 | 1.0809 | G | 2B | 1.6640 | 0.36 | 1.23 | 1.6640 | 0.0000< |
| 005G0045 | 872 | -1.4758 | 1.4757 | -1.4758 | G | 2B | 2.7449 | -0.11 | 2.80 | 2.7490 | -0.0041 |
| 005G0264 | 504 | -0.6540 | 0.6539 | -0.6540 | G | 2B | 1.2691 | -0.09 | 2.13 | 1.3010 | -0.0319 |
| 005G0279 | 746 | 2.3911 | -2.3901 | 2.3906 | G | 2B | 0.6152 | 1.00 | 2.59 | 0.6680 | -0.0528 |
| 005G0035 | | | | | | | 3.0058 | | | 3.0840 | -0.0782 |
| traject | 2291 | 1.3423 | -1.3412 | 1.3418 | | | | 1.16 | 4.93 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151016 | 20151019 | 405630F | Ant. | 3637 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000081 | 515 | 0.5739 | -0.5740 | 0.5739 | G | 2B | | -0.09 | 2.15 | | |
| 005G0261 | 577 | 0.1418 | -0.1412 | 0.1415 | G | 2B | 0.5540 | 0.63 | 2.28 | 0.5540 | 0.0000< |
| 005G0289 | 528 | -0.9249 | 0.9255 | -0.9252 | G | 2B | 0.6955 | 0.58 | 2.18 | 0.6760 | 0.0195 |
| 005G0271 | | | | | | | -0.2297 | | | -0.2540 | 0.0243 |
| traject | 1620 | -0.2092 | 0.2103 | -0.2098 | | | | 1.12 | 3.99 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151019 | 20151019 | 405630F | Ant. | 3639 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0256 | 767 | -0.4679 | 0.4687 | -0.4683 | G | 2B | 1.1480 | 0.77 | 2.63 | 1.1480 | 0.0000< |
| 005G0223 | | | | | | | 0.6797 | | | 0.6820 | -0.0023 |
| traject | 767 | -0.4679 | 0.4687 | -0.4683 | | | | 0.77 | 2.57 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151019 | 20151019 | 405630F | Ant. | 3691 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0223 | 736 | -0.9355 | 0.9374 | -0.9365 | G | 2B | 0.6820 | 1.88 | 2.57 | 0.6820 | 0.0000< |
| 005G0271 | | | | | | | -0.2545 | | | -0.2540 | -0.0005 |
| traject | 736 | -0.9355 | 0.9374 | -0.9365 | | | | 1.88 | 2.51 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151021 | 20151021 | 405630F | Ant. | 3791 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0271 | 812 | 0.2002 | -0.2002 | 0.2002 | G | 2B | -0.2540 | -0.01 | 2.70 | -0.2540 | 0.0000< |
| 0000079 | 14 | 0.0514 | -0.0515 | 0.0514 | G | 2B | -0.0538 | -0.10 | 0.35 | | |
| 0000084 | 308 | 0.5256 | -0.5261 | 0.5259 | G | 2B | -0.0024 | -0.47 | 1.66 | | |
| 0099001 | 610 | 0.8730 | -0.8730 | 0.8730 | G | 2B | 0.5235 | 0.02 | 2.34 | | |
| 005H0270 | 450 | -0.4870 | 0.4870 | -0.4870 | G | 2B | 1.3964 | -0.08 | 2.01 | 1.3910 | 0.0054 |
| 005H0044 | 853 | -0.3473 | 0.3469 | -0.3471 | G | 2B | 0.9094 | -0.34 | 2.77 | 0.9050 | 0.0044 |
| 005G0278 | 1038 | 1.0802 | -1.0793 | 1.0797 | G | 2B | 0.5623 | 0.96 | 3.06 | 0.5650 | -0.0027 |
| 005G0265 | | | | | | | 1.6421 | | | 1.6640 | -0.0219 |
| traject | 4084 | 1.8961 | -1.8961 | 1.8961 | | | | -0.02 | 7.09 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151022 | 20151022 | 405630F | Ant. | 3844 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0291 | 478 | -0.4495 | 0.4495 | -0.4495 | G | 2B | 0.4530 | 0.02 | 2.07 | 0.4530 | 0.0000< |
| 0003043 | 1535 | 0.9313 | -0.9334 | 0.9324 | G | 2B | 0.0035 | -2.04 | 3.72 | | |
| 005G0249 | 429 | -0.3924 | 0.3918 | -0.3921 | G | 2B | 0.9358 | -0.57 | 1.96 | 0.9900 | -0.0542 |
| 005G0248 | | | | | | | 0.5437 | | | 0.6240 | -0.0803 |
| traject | 2442 | 0.0894 | -0.0920 | 0.0907 | | | | -2.59 | 5.13 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151030 | 20151030 | 405630F | Ant. | 3845 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0291 | 623 | 1.1207 | -1.1208 | 1.1208 | G | 2B | 0.4530 | -0.02 | 2.37 | 0.4530 | 0.0000< |
| 005G0158 | 816 | 0.7472 | -0.7475 | 0.7474 | G | 2B | 1.5738 | -0.33 | 2.71 | 1.5710 | 0.0028 |
| 005G0290 | | | | | | | 2.3211 | | | 2.3150 | 0.0061 |
| traject | 1439 | 1.8679 | -1.8683 | 1.8681 | | | | -0.35 | 3.72 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151021 | 20151021 | 405630F | Ant. | 3891 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0265 | 371 | -1.2217 | 1.2215 | -1.2216 | G | 2B | 1.6640 | -0.27 | 1.83 | 1.6640 | 0.0000< |
| 005G0305 | 710 | -0.4795 | 0.4798 | -0.4796 | G | 2B | 0.4424 | 0.31 | 2.53 | 0.4470 | -0.0046 |
| 005G0260 | 626 | 0.8607 | -0.8609 | 0.8608 | G | 2B | -0.0372 | -0.19 | 2.37 | -0.0470 | 0.0098 |
| 005G0280 | 626 | 1.5151 | -1.5149 | 1.5150 | G | 2B | 0.8235 | 0.21 | 2.37 | 0.8030 | 0.0205 |
| 005G0290 | | | | | | | 2.3385 | | | 2.3150 | 0.0235 |
| traject | 2333 | 0.6746 | -0.6745 | 0.6745 | | | | 0.06 | 4.99 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151019 | 20151019 | 405630F | Ant. | 3991 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0256 | 737 | 0.1685 | -0.1663 | 0.1674 | G | 2B | 1.1480 | 2.18 | 2.58 | 1.1480 | 0.0000< |
| 005G0072 | 188 | 1.6354 | -1.6352 | 1.6353 | G | 2B | 1.3154 | 0.28 | 1.30 | 1.3150 | 0.0004 |
| 005G0277 | 658 | -2.8857 | 2.8854 | -2.8856 | G | 2B | 2.9507 | -0.30 | 2.43 | 2.9510 | -0.0003 |
| 005G0292 | 614 | 0.6140 | -0.6140 | 0.6140 | G | 2B | 0.0651 | 0.04 | 2.35 | 0.0650 | 0.0001 |
| 005G0223 | | | | | | | 0.6791 | | | 0.6820 | -0.0029 |
| traject | 2197 | -0.4678 | 0.4700 | -0.4689 | | | | 2.20 | 4.80 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151118 | 20151118 | 405630 | Ant. | 4041 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0003028 | 807 | 1.4388 | -1.4410 | 1.4399 | G | 2B | | -2.17 | 2.69 | | |
| 0003001 | 268 | -0.7417 | 0.7417 | -0.7417 | G | 2B | | 0.04 | 1.55 | | |
| 005G0143 | 20 | -0.0168 | 0.0169 | -0.0168 | G | 2B | 0.5120 | 0.07 | 0.42 | 0.5120 | 0.0000< |
| 0003017 | 421 | 0.3496 | -0.3484 | 0.3490 | G | 2B | 0.4952 | 1.15 | 1.95 | | |
| 005G0227 | | | | | | | 0.8442 | | | 0.8390 | 0.0052 |
| traject | 1515 | 1.0299 | -1.0308 | 1.0304 | | | | -0.91 | 3.83 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151117 | 20151117 | 405630 | Ant. | 4050 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0205 | 270 | 0.3330 | -0.3324 | 0.3327 | G | 2B | 1.2640 | 0.60 | 1.56 | 1.2640 | 0.0000< |
| 005G0008 | 320 | -0.6488 | 0.6490 | -0.6489 | G | 2B | 1.5967 | 0.14 | 1.70 | 1.5950 | 0.0017 |
| 0003003 | | | | | | | 0.9478 | | | | |
| traject | 590 | -0.3159 | 0.3166 | -0.3162 | | | | 0.74 | 2.21 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151103 | 20151109 | 405630 | Ant. | 4067 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0003003 | 503 | -0.4390 | 0.4391 | -0.4391 | G | 2B | | 0.16 | 2.13 | | |
| 0003019 | 205 | -0.2959 | 0.2962 | -0.2961 | G | 2B | | 0.27 | 1.36 | | |
| 0003018 | 28 | -0.0340 | 0.0342 | -0.0341 | G | 2B | | 0.29 | 0.50 | | |
| 0003006 | 299 | 0.1282 | -0.1278 | 0.1280 | G | 2B | | 0.46 | 1.64 | | |
| 0003005 | 36 | -0.5040 | 0.5039 | -0.5040 | G | 2B | | -0.15 | 0.57 | | |
| 0003028 | | | | | | | | | | | |
| traject | 1070 | -1.1447 | 1.1457 | -1.1452 | | | | 1.03 | 3.12 | | |

Meetregister bij het meetplan Barradeel en Barradeel II

Rapportage van de nauwkeurigheidswaterpassing Barradeel en Barradeel II 2015

projectnummer 405630

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| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151102 | 20151102 | 405630 | Ant. | 4142 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0304 | 645 | -0.7398 | 0.7402 | -0.7400 | G | 2B | 1.2070 | 0.41 | 2.41 | 1.2070 | 0.0000< |
| 005G0295 | 284 | 0.2781 | -0.2781 | 0.2781 | G | 2B | 0.4670 | 0.03 | 1.60 | 0.4720 | -0.0050 |
| 0003022 | 187 | -0.7346 | 0.7345 | -0.7345 | G | 2B | 0.7451 | -0.07 | 1.30 | | |
| 0003033 | 6 | -0.1945 | 0.1944 | -0.1945 | G | 2B | 0.0106 | -0.09 | 0.23 | | |
| 000A2754 | 24 | 0.3612 | -0.3614 | 0.3613 | G | 2B | -0.1839 | -0.17 | 0.46 | -0.0740 | -0.1099 |
| 0003039 | 14 | -0.3008 | 0.3008 | -0.3008 | G | 2B | 0.1774 | -0.05 | 0.35 | | |
| 0003032 | 92 | 0.7381 | -0.7381 | 0.7381 | G | 2B | -0.1234 | 0.03 | 0.91 | | |
| 0003021 | | | | | | | 0.6147 | | | | |
| traject | 1251 | -0.5922 | 0.5923 | -0.5923 | | | | 0.09 | 3.42 | | |
| VERVALLEN | | | | | | | | | | | |
| 0003033 | 24 | -0.3614 | | -0.3614 | V | 2B | | | 0.46 | | |
| 000A2754 | | | | | | | | | | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151102 | 20151103 | 405630 | Ant. | 4167 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0003028 | 496 | -0.5027 | 0.5028 | -0.5027 | G | 2B | | 0.06 | 2.11 | | |
| 0003029 | 10 | 0.2983 | -0.2984 | 0.2983 | G | 2B | | -0.08 | 0.30 | | |
| 000A2761 | 18 | 0.8785 | -0.8785 | 0.8785 | G | 2B | -0.4190 | 0.03 | 0.40 | -0.4190 | 0.0000< |
| 0003030 | 427 | -0.8049 | 0.8061 | -0.8055 | G | 2B | 0.4595 | 1.15 | 1.96 | | |
| 0003031 | 257 | 0.9431 | -0.9428 | 0.9429 | G | 2B | -0.3460 | 0.29 | 1.52 | | |
| 0003021 | | | | | | | 0.5969 | | | | |
| traject | 1207 | 0.8122 | -0.8108 | 0.8115 | | | | 1.45 | 3.35 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151118 | 20151118 | 405630 | Ant. | 4243 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0127 | 471 | 0.7787 | -0.7783 | 0.7785 | G | 2B | 0.9320 | 0.43 | 2.06 | 0.9320 | 0.0000< |
| 005G0019 | 454 | 0.1108 | -0.1109 | 0.1109 | G | 2B | 1.7105 | -0.15 | 2.02 | 1.7150 | -0.0045 |
| 005G0110 | 315 | -0.3573 | 0.3569 | -0.3571 | G | 2B | 1.8213 | -0.32 | 1.68 | 1.8250 | -0.0037 |
| 005G0195 | | | | | | | 1.4642 | | | 1.4680 | -0.0038 |
| traject | 1239 | 0.5322 | -0.5323 | 0.5323 | | | | -0.04 | 3.40 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151029 | 20151029 | 405630F | Ant. | 4244 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0018 | 386 | 0.1161 | -0.1155 | 0.1158 | G | 2B | 0.7020 | 0.56 | 1.86 | 0.7020 | 0.0000< |
| 005G0197 | 151 | 0.1099 | -0.1101 | 0.1100 | G | 2B | 0.8178 | -0.19 | 1.17 | 0.8210 | -0.0032 |
| 005G0127 | | | | | | | 0.9278 | | | 0.9320 | -0.0042 |
| traject | 537 | 0.2260 | -0.2256 | 0.2258 | | | | 0.37 | 2.10 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151117 | 20151117 | 405630 | Ant. | 4249 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0204 | 850 | 0.4264 | -0.4247 | 0.4256 | G | 2B | 0.8160 | 1.69 | 2.77 | 0.8160 | 0.0000< |
| 005G0126 | 885 | 0.2413 | -0.2409 | 0.2411 | G | 2B | 1.2416 | 0.34 | 2.82 | 1.2370 | 0.0046 |
| 005G0195 | | | | | | | 1.4827 | | | 1.4680 | 0.0147 |
| traject | 1734 | 0.6677 | -0.6657 | 0.6667 | | | | 2.03 | 4.16 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151118 | 20151118 | 405630 | Ant. | 4267 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0204 | 647 | -0.1709 | 0.1716 | -0.1712 | G | 2B | 0.8160 | 0.70 | 2.41 | 0.8160 | 0.0000< |
| 0003045 | 391 | -0.0245 | 0.0246 | -0.0246 | G | 2B | 0.6448 | 0.01 | 1.88 | | |
| 0003021 | | | | | | | 0.6202 | | | | |
| traject | 1038 | -0.1954 | 0.1961 | -0.1958 | | | | 0.71 | 3.07 | | |

Meetregister bij het meetplan Barradeel en Barradeel II

Rapportage van de nauwkeurigheidswaterpassing Barradeel en Barradeel II 2015

projectnummer 405630

16 februari 2016 revisie 01



| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151030 | 20151030 | 405630F | Ant. | 4344 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0127 | 582 | -0.4703 | 0.4705 | -0.4704 | G | 2B | 0.9320 | 0.17 | 2.29 | 0.9320 | 0.0000< |
| 0000077 | 842 | 0.7684 | -0.7685 | 0.7685 | G | 2B | 0.4616 | -0.15 | 2.75 | | |
| 005G0196 | | | | | | | 1.2301 | | | 1.2180 | 0.0121 |
| traject | 1424 | 0.2981 | -0.2981 | 0.2981 | | | | 0.02 | 3.69 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151030 | 20151030 | 405630F | Ant. | 4345 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000992 | 442 | -0.0857 | 0.0860 | -0.0859 | G | 2B | | 0.33 | 1.99 | | |
| 005G0196 | | | | | | | | | | 1.2180 | |
| traject | 442 | -0.0857 | 0.0860 | -0.0859 | | | | 0.33 | 1.88 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151110 | 20151110 | 405630 | Ant. | 4346 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000992 | 238 | -0.0103 | 0.0107 | -0.0105 | G | 2B | | 0.45 | 1.46 | | |
| 005G0111 | 928 | -0.5427 | 0.5436 | -0.5431 | G | 2B | 1.3100 | 0.89 | 2.89 | 1.3100 | 0.0000< |
| 005G0285 | | | | | | | 0.7669 | | | 0.7580 | 0.0089 |
| traject | 1166 | -0.5529 | 0.5543 | -0.5536 | | | | 1.34 | 3.28 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151110 | 20151118 | 405630 | Ant. | 4349 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0195 | 192 | -0.5627 | 0.5632 | -0.5630 | G | 2B | 1.4680 | 0.45 | 1.31 | 1.4680 | 0.0000< |
| 0098125 | 15 | -0.0347 | 0.0348 | -0.0348 | G | 2B | 0.9050 | 0.12 | 0.37 | | |
| 005G0294 | 200 | -0.1064 | 0.1063 | -0.1063 | G | 2B | 0.8703 | -0.03 | 1.34 | 0.8680 | 0.0023 |
| 005G0285 | | | | | | | 0.7639 | | | 0.7580 | 0.0059 |
| traject | 407 | -0.7038 | 0.7044 | -0.7041 | | | | 0.54 | 1.80 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151030 | 20151030 | 405630F | Ant. | 4445 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0196 | 720 | -1.2246 | 1.2245 | -1.2245 | G | 2B | 1.2180 | -0.15 | 2.54 | 1.2180 | 0.0000< |
| 005G0251 | 1063 | 3.2224 | -3.2230 | 3.2227 | G | 2B | -0.0065 | -0.58 | 3.09 | -0.0090 | 0.0025 |
| 005G0293 | 693 | -2.2999 | 2.3005 | -2.3002 | G | 2B | 3.2161 | 0.64 | 2.50 | 3.2180 | -0.0019 |
| 005G0183 | 156 | -0.4654 | 0.4653 | -0.4653 | G | 2B | 0.9159 | -0.11 | 1.18 | 0.9160 | -0.0001 |
| 005G0291 | | | | | | | 0.4506 | | | 0.4530 | -0.0024 |
| traject | 2631 | -0.7675 | 0.7673 | -0.7674 | | | | -0.20 | 5.37 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151030 | 20151105 | 405630F | Ant. | 4546 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000992 | 286 | -0.4657 | 0.4656 | -0.4656 | G | 2B | | -0.12 | 1.60 | | |
| 0003044 | 423 | -0.0248 | 0.0252 | -0.0250 | G | 2B | | 0.38 | 1.95 | | |
| 005G0112 | 1094 | 0.7510 | -0.7489 | 0.7499 | G | 2B | 0.8090 | 2.13 | 3.14 | 0.8090 | 0.0000< |
| 005G0020 | 1112 | -0.4977 | 0.4982 | -0.4980 | G | 2B | 1.5589 | 0.47 | 3.16 | 1.5580 | 0.0009 |
| 005G0194 | 590 | -0.0753 | 0.0758 | -0.0755 | G | 2B | 1.0610 | 0.50 | 2.30 | 1.0590 | 0.0020 |
| 005G0021 | 204 | -0.6988 | 0.6987 | -0.6988 | G | 2B | 0.9854 | -0.09 | 1.35 | 0.9830 | 0.0024 |
| 000A2760 | | | | | | | 0.2867 | | | 0.2760 | 0.0107 |
| traject | 3707 | -1.0113 | 1.0146 | -1.0130 | | | | 3.27 | 6.67 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151030 | 20151030 | 405630F | Ant. | 4591 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0290 | 849 | -1.3094 | 1.3097 | -1.3096 | G | 2B | 2.3150 | 0.33 | 2.76 | 2.3150 | 0.0000< |
| 005G0138 | 337 | 0.4912 | -0.4916 | 0.4914 | G | 2B | 1.0054 | -0.35 | 1.74 | 1.0020 | 0.0034 |
| 005G0184 | 413 | -1.2094 | 1.2096 | -1.2095 | G | 2B | 1.4968 | 0.23 | 1.93 | 1.4920 | 0.0048 |
| 000A2760 | | | | | | | 0.2873 | | | 0.2760 | 0.0113 |
| traject | 1598 | -2.0276 | 2.0278 | -2.0277 | | | | 0.21 | 3.96 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151110 | 20151110 | 405630 | Ant. | 4648 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0091 | 827 | 0.2156 | -0.2146 | 0.2151 | G | 2B | 0.5980 | 1.03 | 2.73 | 0.5980 | 0.0000< |
| 005G0199 | | | | | | | 0.8131 | | | 0.8190 | -0.0059 |
| traject | 827 | 0.2156 | -0.2146 | 0.2151 | | | | 1.03 | 2.69 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151110 | 20151110 | 405630 | Ant. | 4649 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0199 | 619 | 0.7234 | -0.7234 | 0.7234 | G | 2B | 0.8190 | 0.00 | 2.36 | 0.8190 | 0.0000< |
| 005G0109 | 157 | -0.7825 | 0.7823 | -0.7824 | G | 2B | 1.5423 | -0.18 | 1.19 | 1.5420 | 0.0003 |
| 005G0285 | | | | | | | 0.7600 | | | 0.7580 | 0.0020 |
| traject | 775 | -0.0591 | 0.0589 | -0.0590 | | | | -0.18 | 2.59 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151105 | 20151106 | 405630 | Ant. | 4692 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 000A2760 | 163 | 0.4718 | -0.4718 | 0.4718 | G | 2B | 0.2760 | -0.06 | 1.21 | 0.2760 | 0.0000< |
| 0003040 | 604 | 0.4004 | -0.3998 | 0.4001 | G | 2B | 0.7478 | 0.59 | 2.33 | | |
| 005G0216 | 644 | -0.2916 | 0.2916 | -0.2916 | G | 2B | 1.1480 | 0.00 | 2.41 | 1.1530 | -0.0050 |
| 005G0212 | 523 | -0.4345 | 0.4347 | -0.4346 | G | 2B | 0.8564 | 0.27 | 2.17 | 0.8640 | -0.0076 |
| 005G0213 | 807 | -0.1692 | 0.1698 | -0.1695 | G | 2B | 0.4218 | 0.51 | 2.69 | 0.4290 | -0.0072 |
| 005G0303 | 35 | -0.6740 | 0.6739 | -0.6740 | G | 2B | 0.2523 | -0.08 | 0.56 | 0.2630 | -0.0107 |
| 000A2758 | 312 | 1.3928 | -1.3927 | 1.3927 | G | 2B | -0.4217 | 0.11 | 1.68 | -0.4140 | -0.0077 |
| 005G0214 | 547 | -0.9383 | 0.9390 | -0.9386 | G | 2B | 0.9710 | 0.70 | 2.22 | 0.9830 | -0.0120 |
| 0099116 | 58 | 0.5833 | -0.5833 | 0.5833 | G | 2B | 0.0324 | -0.02 | 0.72 | | |
| 0003038 | 71 | 0.2538 | -0.2537 | 0.2538 | G | 2B | 0.6157 | 0.09 | 0.80 | | |
| 0003025 | 131 | 0.3323 | -0.3325 | 0.3324 | G | 2B | 0.8695 | -0.13 | 1.09 | | |
| 0003037 | 54 | -0.2293 | 0.2292 | -0.2293 | G | 2B | 1.2019 | -0.12 | 0.70 | | |
| 0099117 | 170 | 0.4966 | -0.4963 | 0.4965 | G | 2B | 0.9726 | 0.26 | 1.24 | | |
| 005G0177 | 1051 | -0.4006 | 0.4008 | -0.4007 | G | 2B | 1.4691 | 0.24 | 3.07 | 1.4770 | -0.0079 |
| 005G0170 | 1107 | -0.4889 | 0.4888 | -0.4889 | G | 2B | 1.0684 | -0.16 | 3.16 | 1.0780 | -0.0096 |
| 005G0091 | | | | | | | 0.5796 | | | 0.5980 | -0.0184 |
| traject | 6273 | 0.3047 | -0.3025 | 0.3036 | | | | 2.20 | 9.40 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151110 | 20151111 | 405630 | Ant. | 4849 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0108 | 640 | 1.3318 | -1.3319 | 1.3319 | G | 2B | 1.0430 | -0.11 | 2.40 | 1.0430 | 0.0000< |
| 005G0302 | 552 | -2.1392 | 2.1391 | -2.1391 | G | 2B | 2.3749 | -0.13 | 2.23 | 2.3800 | -0.0051 |
| 005G0301 | 181 | -0.4252 | 0.4246 | -0.4249 | G | 2B | 0.2357 | -0.52 | 1.28 | 0.2430 | -0.0073 |
| 000A2756 | 48 | 0.8173 | -0.8175 | 0.8174 | G | 2B | -0.1892 | -0.29 | 0.66 | -0.1620 | -0.0272 |
| 005G0296 | 408 | 1.2192 | -1.2196 | 1.2194 | G | 2B | 0.6282 | -0.42 | 1.92 | 0.6360 | -0.0078 |
| 005G0210 | 580 | -1.1574 | 1.1576 | -1.1575 | G | 2B | 1.8476 | 0.20 | 2.28 | 1.8620 | -0.0144 |
| 0099119 | 175 | 0.1177 | -0.1184 | 0.1181 | G | 2B | 0.6901 | -0.68 | 1.25 | | |
| 005G0199 | | | | | | | 0.8082 | | | 0.8190 | -0.0108 |
| traject | 2584 | -0.2358 | 0.2338 | -0.2348 | | | | -1.95 | 5.31 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151106 | 20151106 | 405630 | Ant. | 4892 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0108 | 941 | -0.4510 | 0.4509 | -0.4509 | G | 2B | 1.0430 | -0.08 | 2.91 | 1.0430 | 0.0000< |
| 005G0091 | | | | | | | 0.5921 | | | 0.5980 | -0.0059 |
| traject | 941 | -0.4510 | 0.4509 | -0.4509 | | | | -0.08 | 2.90 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151109 | 20151109 | 405630 | Ant. | 4950 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000910 | 744 | -0.2005 | 0.2004 | -0.2005 | G | 2B | | -0.07 | 2.59 | | |
| 005G0220 | 457 | -0.8392 | 0.8395 | -0.8394 | G | 2B | 0.9430 | 0.33 | 2.03 | 0.9430 | 0.0000< |
| 005G0235 | 876 | 0.5664 | -0.5683 | 0.5673 | G | 2B | 0.1036 | -1.85 | 2.81 | 0.1090 | -0.0054 |
| 005G0004 | 902 | 4.2651 | -4.2660 | 4.2655 | G | 2B | 0.6710 | -0.85 | 2.85 | 0.6810 | -0.0100 |
| 005G0286 | 504 | -4.0320 | 4.0322 | -4.0321 | G | 2B | 4.9365 | 0.18 | 2.13 | 4.9600 | -0.0235 |
| 0098120 | 10 | 0.3385 | -0.3384 | 0.3385 | G | 2B | 0.9044 | 0.11 | 0.30 | | |
| 005G0125 | | | | | | | 1.2428 | | | 1.2690 | -0.0262 |
| traject | 3493 | 0.0983 | -0.1004 | 0.0994 | | | | -2.15 | 6.42 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|-----------|-------------------|---------|---------|--------------------|-------------|--------|----------------|-----------------|--------------|----------------|-----------------------|
| 20151109 | 20151117 | 405630 | Ant. | 4967 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0125 | 10 | -0.3382 | 0.3383 | -0.3382 | G | 2B | 1.2690 | 0.12 | 0.30 | 1.2690 | 0.0000< |
| 0098123 | 550 | -0.0187 | 0.0197 | -0.0192 | G | 2B | 0.9308 | 1.00 | 2.22 | | |
| 005G0010 | 443 | -0.0984 | 0.0980 | -0.0982 | G | 2B | 0.9116 | -0.38 | 2.00 | 0.9150 | -0.0034 |
| 005G0204 | | | | | | | 0.8134 | | | 0.8160 | -0.0026 |
| traject | 1002 | -0.4552 | 0.4560 | -0.4556 | | | | 0.74 | 3.00 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151111 | 20151112 | 405630 | Ant. | 4992 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000910 | 978 | -0.4451 | 0.4440 | -0.4445 | G | 2B | | -1.19 | 2.97 | | |
| 005G0102 | 1214 | 0.3632 | -0.3627 | 0.3629 | G | 2B | 0.6960 | 0.51 | 3.31 | 0.6960 | 0.0000< |
| 005G0311 | 374 | -0.1447 | 0.1439 | -0.1443 | G | 2B | 1.0589 | -0.89 | 1.83 | 1.0580 | 0.0009 |
| 0003010 | | | | | | | 0.9146 | | | | |
| traject | 2565 | -0.2267 | 0.2251 | -0.2259 | | | | -1.57 | 5.29 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151109 | 20151109 | 405630 | Ant. | 5067 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0125 | 10 | -0.3383 | 0.3383 | -0.3383 | G | 2B | 1.2690 | 0.02 | 0.30 | 1.2690 | 0.0000< |
| 0098121 | 853 | -1.0823 | 1.0821 | -1.0822 | G | 2B | 0.9307 | -0.27 | 2.77 | | |
| 000A2752 | 306 | 1.1023 | -1.1015 | 1.1019 | G | 2B | -0.1515 | 0.77 | 1.66 | -0.1110 | -0.0405 |
| 0003003 | | | | | | | 0.9503 | | | | |
| traject | 1169 | -0.3184 | 0.3189 | -0.3187 | | | | 0.52 | 3.29 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151112 | 20151117 | 405630 | Ant. | 5092 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0000910 | 865 | -0.1359 | 0.1346 | -0.1352 | G | 2B | | -1.39 | 2.79 | | |
| 005G0101 | 343 | -0.1031 | 0.1033 | -0.1032 | G | 2B | 1.0020 | 0.17 | 1.76 | 1.0020 | 0.0000< |
| 005G0208 | 870 | -0.6597 | 0.6584 | -0.6591 | G | 2B | 0.8988 | -1.28 | 2.80 | 0.8980 | 0.0008 |
| 005G0165 | 1019 | 2.1924 | -2.1923 | 2.1924 | G | 2B | 0.2398 | 0.09 | 3.03 | 0.2360 | 0.0038 |
| 005G0207 | 178 | -1.9515 | 1.9515 | -1.9515 | G | 2B | 2.4321 | -0.07 | 1.27 | 2.4330 | -0.0009 |
| 0099104 | 77 | 0.0072 | -0.0074 | 0.0073 | G | 2B | 0.4806 | -0.22 | 0.83 | | |
| 005D0064 | 922 | -0.0205 | 0.0211 | -0.0208 | G | 2B | 0.4879 | 0.61 | 2.88 | 0.4910 | -0.0031 |
| 005D0089 | 818 | 0.5612 | -0.5601 | 0.5606 | G | 2B | 0.4671 | 1.09 | 2.71 | 0.4680 | -0.0009 |
| 005G0310 | | | | | | | 1.0277 | | | 1.0260 | 0.0017 |
| traject | 5090 | -0.1100 | 0.1090 | -0.1095 | | | | -1.00 | 8.18 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151106 | 20151111 | 405630 | Ant. | 9797 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0001 | 598 | -0.1598 | 0.1588 | -0.1593 | G | 2B | 0.5230 | -1.05 | 2.32 | 0.5230 | 0.0000< |
| 005G0312 | 663 | 0.8117 | -0.8125 | 0.8121 | G | 2B | 0.3637 | -0.86 | 2.44 | 0.3650 | -0.0013 |
| 0003041 | 296 | -0.1396 | 0.1397 | -0.1396 | G | 2B | 1.1758 | 0.10 | 1.63 | | |
| 005G0108 | | | | | | | 1.0362 | | | 1.0430 | -0.0068 |
| traject | 1557 | 0.5122 | -0.5141 | 0.5132 | | | | -1.81 | 3.90 | | |
| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
| 20151111 | 20151111 | 405630 | Ant. | 9898 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 0003010 | 584 | 1.8756 | -1.8758 | 1.8757 | G | 2B | | -0.19 | 2.29 | | |
| 005G0234 | 950 | -3.0881 | 3.0879 | -3.0880 | G | 2B | 2.7950 | -0.19 | 2.92 | 2.7950 | 0.0000< |
| 005G0209 | 424 | 1.0807 | -1.0806 | 1.0807 | G | 2B | -0.2930 | 0.06 | 1.95 | -0.2990 | 0.0060 |
| 005G0090 | 468 | -0.2572 | 0.2557 | -0.2564 | G | 2B | 0.7877 | -1.48 | 2.05 | 0.7800 | 0.0077 |
| 005G0001 | | | | | | | 0.5313 | | | 0.5230 | 0.0083 |
| traject | 2425 | -0.3889 | 0.3872 | -0.3881 | | | | -1.80 | 5.11 | | |

| startdat. | einddat. | projnr. | uitv. | trajnr. | proj.pcl | instr | waarnemer | transp. | | | |
|---------------------|-------------------|---------|--------|--------------------|-------------|--------|-------------------|-----------------|--------------|----------------|-----------------------|
| 20151026 | 20151026 | 405630F | Ant. | 9999 | 2B | 341210 | .S WIND | 3f | | | |
| puntnr. | sectie- lengte | hv_H | hv_T | hv_gem. (H-T)/2 | sta- tus | pcl | ber. hoogte | sluitf. (mm) | tol. (mm) | pub. hoogte | verschil ber.-pub. |
| 005G0246 0000111 | 228 | -1.4384 | 1.4392 | -1.4388 | G | 2B | 0.6250 -0.8138 | 0.76 | 1.43 | 0.6250 | 0.0000< |
| traject | 228 | -1.4384 | 1.4392 | -1.4388 | | | | 0.76 | 1.31 | | |

Bijlage 3 Overzicht kringsluitfouten

LOOPS3 Versie 4.0.4

Automatische Berekening van Netwerk Kringen en Sluitfouten

www.MOVE3.nl

(c) 1993-2010 Grontmij

405630-Barradeel -Barradeel II_Leeuwarden West 2015

01-12-2015 09:01:22

PROJECT

R:\00405000\00405630\Data&Beheer\Waterpasing\3_Verwerking\20151125-Eind\405630F (20151130 - 1141).prj

HOOGTEVERSCHIL KRINGEN

Kring : 1 (13 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|-----------|
| 0000002 | 0000063 | | | 26 | -0.36580 | 0.36580 | 113.000 m |
| 0000063 | 0000033 | | | 16 | 1.68100 | -1.68100 | 294.000 m |
| 0000033 | 0000035 | | | 17 | -0.21160 | 0.21160 | 326.000 m |
| 0000035 | 0000024 | | | 11 | 0.31860 | -0.31860 | 200.000 m |
| 0000024 | 0000993 | | | 61 | -0.14830 | 0.14830 | 115.500 m |
| 0000993 | 005G0266 | 62 | 1.48720 | | | 1.48720 | 678.000 m |
| 005G0266 | 0000023 | 368 | -0.90400 | | | -0.90400 | 377.000 m |
| 0000023 | 005D0040 | | | 298 | -0.45070 | 0.45070 | 307.000 m |
| 005D0040 | 005D0084 | | | 315 | -1.66650 | 1.66650 | 610.500 m |
| 005D0084 | 005D0088 | 316 | -0.01650 | | | -0.01650 | 24.000 m |
| 005D0088 | 0000015 | | | 223 | 0.08260 | -0.08260 | 603.000 m |
| 0000015 | 005D0034 | 222 | 0.01160 | | | 0.01160 | 338.000 m |
| 005D0034 | 0000062 | 296 | -0.47700 | | | -0.47700 | 280.500 m |
| 0000062 | 005G0028 | 235 | -0.38460 | | | -0.38460 | 726.500 m |
| 005G0028 | 005G0129 | 327 | -0.64690 | | | -0.64690 | 625.000 m |
| 005G0129 | 0000036 | | | 18 | 0.54430 | -0.54430 | 396.000 m |
| 0000036 | 0099124 | | | 214 | -0.49190 | 0.49190 | 259.000 m |
| 0099124 | 0000001 | | | 1 | -0.09510 | 0.09510 | 85.000 m |
| 0000001 | 0000002 | | | 2 | -0.12930 | 0.12930 | 52.000 m |

Totale traject lengte

6410.000 m

Tolerantie

0.00834 m

Sluitfout Hoogte

0.00250 m

W-toets

0.99

0.99 sqrt(km)

Kring : 2 (18 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 0000009 | 005G0187 | 5 | -0.42860 | | | -0.42860 | 530.000 m |
| 005G0187 | 0000071 | 127 | 0.17530 | | | 0.17530 | 162.000 m |
| 0000071 | 0000052 | 30 | 0.40080 | | | 0.40080 | 879.500 m |
| 0000052 | 005G0275 | | | 181 | -0.03230 | 0.03230 | 523.500 m |
| 005G0275 | 005G0227 | | | 140 | 0.10430 | -0.10430 | 755.000 m |
| 005G0227 | 005G0201 | 139 | -0.42680 | | | -0.42680 | 168.500 m |
| 005G0201 | 005G0281 | 134 | 0.56450 | | | 0.56450 | 808.500 m |
| 005G0281 | 005G0168 | 186 | -0.59420 | | | -0.59420 | 770.000 m |
| 005G0168 | 0000070 | 120 | -0.98060 | | | -0.98060 | 294.500 m |
| 0000070 | 0000075 | | | 36 | -0.26290 | 0.26290 | 316.000 m |
| 0000075 | 005G0309 | 37 | 1.75640 | | | 1.75640 | 1283.500 m |
| 005G0309 | 0000008 | | | 3 | 0.43360 | -0.43360 | 618.000 m |
| 0000008 | 0000009 | | | 4 | 0.22390 | -0.22390 | 676.000 m |

Totale traject lengte

7785.000 m

Tolerantie

0.00919 m

Sluitfout Hoogte

0.00020 m

W-toets

0.07

0.07 sqrt(km)

Kring : 3 (21 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|-----------|
| 0000009 | 005G0228 | 6 | -0.36750 | | | -0.36750 | 414.000 m |
| 005G0228 | 005G0040 | 142 | 2.43610 | | | 2.43610 | 713.500 m |
| 005G0040 | 005G0039 | 85 | -1.80390 | | | -1.80390 | 198.000 m |
| 005G0039 | 005G0189 | 84 | -0.09210 | | | -0.09210 | 452.500 m |
| 005G0189 | 005G0221 | 128 | -1.02310 | | | -1.02310 | 997.000 m |
| 005G0221 | 0000055 | | | 24 | 0.49010 | -0.49010 | 412.000 m |
| 0000055 | 005G0049 | | | 88 | -1.41700 | 1.41700 | 455.000 m |
| 005G0049 | 0000073 | | | 33 | 0.33870 | -0.33870 | 523.000 m |
| 0000073 | 000A2894 | 32 | -0.75860 | | | -0.75860 | 459.000 m |
| 000A2894 | 0000106 | | | 52 | -0.24800 | 0.24800 | 22.000 m |
| 0000106 | 0000105 | 51 | 0.18020 | | | 0.18020 | 13.500 m |
| 0000105 | 0000104 | | | 50 | 0.09900 | -0.09900 | 11.000 m |
| 0000104 | 0000053 | 49 | -0.26890 | | | -0.26890 | 55.000 m |

| | | | | | | | |
|-----------------------|------------|-----------|----------|--------|----------|-----------|------------|
| 0000053 | 0000072 | 23 | 0.04150 | | | 0.04150 | 325.000 m |
| 0000072 | 0000052 | 31 | 1.06780 | | | 1.06780 | 540.000 m |
| 0000052 | 0000071 | | | 30 | 0.40080 | -0.40080 | 879.500 m |
| 0000071 | 005G0187 | | | 127 | 0.17530 | -0.17530 | 162.000 m |
| 005G0187 | 0000009 | | | 5 | -0.42860 | 0.42860 | 530.000 m |
| Totale traject lengte | 7162.000 m | | | | | | |
| Tolerantie | 0.00881 m | | | | | | |
| Sluitfout Hoogte | 0.00120 m | W-toets | 0.45 | | | | |
| | 0.45 | sqrt (km) | | | | | |
| Kring : 4 | (11 kaart) | | | | | | |
| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| 0000016 | 005G0036 | 7 | 0.65140 | | | 0.65140 | 575.000 m |
| 005G0036 | 0000056 | 82 | -0.03270 | | | -0.03270 | 25.000 m |
| 0000056 | 0000017 | 25 | 0.14360 | | | 0.14360 | 295.500 m |
| 0000017 | 005G0164 | 224 | 0.12000 | | | 0.12000 | 696.000 m |
| 005G0164 | 005D0053 | 340 | 0.34610 | | | 0.34610 | 831.000 m |
| 005D0053 | 005D0056 | 299 | -0.31250 | | | -0.31250 | 856.500 m |
| 005D0056 | 0000014 | 300 | 0.74160 | | | 0.74160 | 373.500 m |
| 0000014 | 0000030 | | | 230 | 0.70600 | -0.70600 | 375.000 m |
| 0000030 | 005D0017 | 231 | -0.38160 | | | -0.38160 | 313.000 m |
| 005D0017 | 0000015 | 295 | 0.95040 | | | 0.95040 | 542.000 m |
| 0000015 | 005D0034 | 222 | 0.01160 | | | 0.01160 | 338.000 m |
| 005D0034 | 0000062 | 296 | -0.47700 | | | -0.47700 | 280.500 m |
| 0000062 | 005G0028 | 235 | -0.38460 | | | -0.38460 | 726.500 m |
| 005G0028 | 005G0129 | 327 | -0.64690 | | | -0.64690 | 625.000 m |
| 005G0129 | 005G0038 | | | 83 | -3.37330 | 3.37330 | 759.500 m |
| 005G0038 | 0000016 | | | 8 | 3.39730 | -3.39730 | 405.000 m |
| Totale traject lengte | 8017.000 m | | | | | | |
| Tolerantie | 0.00932 m | | | | | | |
| Sluitfout Hoogte | -0.00060 m | W-toets | -0.21 | | | | |
| | -0.21 | sqrt (km) | | | | | |
| Kring : 5 | (17 kaart) | | | | | | |
| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| 005G0036 | 0000056 | 82 | -0.03270 | | | -0.03270 | 25.000 m |
| 0000056 | 0000017 | 25 | 0.14360 | | | 0.14360 | 295.500 m |
| 0000017 | 0000013 | 10 | 0.06610 | | | 0.06610 | 839.000 m |
| 0000013 | 0000032 | | | 15 | 1.33100 | -1.33100 | 923.000 m |
| 0000032 | 0000042 | | | 19 | -1.48210 | 1.48210 | 1218.500 m |
| 0000042 | 0099112 | 20 | 0.10510 | | | 0.10510 | 505.000 m |
| 0099112 | 0004011 | | | 68 | -7.93070 | 7.93070 | 186.000 m |
| 0004011 | 0004012 | 67 | -8.08920 | | | -8.08920 | 164.000 m |
| 0004012 | 005G0132 | 69 | -0.45900 | | | -0.45900 | 33.000 m |
| 005G0132 | 005G0239 | | | 150 | -0.77420 | 0.77420 | 38.000 m |
| 005G0239 | 0004013 | | | 70 | 0.41150 | -0.41150 | 54.000 m |
| 0004013 | 005G0274 | | | 180 | -0.30990 | 0.30990 | 663.000 m |
| 005G0274 | 0000055 | 179 | -2.19880 | | | -2.19880 | 768.000 m |
| 0000055 | 005G0221 | 24 | 0.49010 | | | 0.49010 | 412.000 m |
| 005G0221 | 005G0189 | | | 128 | -1.02310 | 1.02310 | 997.000 m |
| 005G0189 | 005G0039 | | | 84 | -0.09210 | 0.09210 | 452.500 m |
| 005G0039 | 0000016 | | | 9 | 0.54970 | -0.54970 | 607.500 m |
| 0000016 | 005G0036 | 7 | 0.65140 | | | 0.65140 | 575.000 m |
| Totale traject lengte | 8756.000 m | | | | | | |
| Tolerantie | 0.00974 m | | | | | | |
| Sluitfout Hoogte | -0.00350 m | W-toets | -1.18 | | | | |
| | -1.18 | sqrt (km) | | | | | |
| Kring : 6 | (10 kaart) | | | | | | |
| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| 005G0164 | 005D0053 | 340 | 0.34610 | | | 0.34610 | 831.000 m |
| 005D0053 | 005D0056 | 299 | -0.31250 | | | -0.31250 | 856.500 m |
| 005D0056 | 0000014 | 300 | 0.74160 | | | 0.74160 | 373.500 m |
| 0000014 | 0000010 | 221 | -1.10720 | | | -1.10720 | 481.500 m |
| 0000010 | 0000011 | | | 217 | -0.32200 | 0.32200 | 678.000 m |
| 0000011 | 0099111 | 218 | 0.10170 | | | 0.10170 | 666.000 m |
| 0099111 | 0004021 | | | 278 | -8.10280 | 8.10280 | 141.000 m |
| 0004021 | 0004022 | 277 | -8.27280 | | | -8.27280 | 140.000 m |
| 0004022 | 0004023 | | | 279 | 1.22900 | -1.22900 | 91.000 m |
| 0004023 | 0000012 | | | 219 | -1.32910 | 1.32910 | 260.500 m |
| 0000012 | 0000013 | | | 220 | 0.07780 | -0.07780 | 928.500 m |
| 0000013 | 0000017 | | | 10 | 0.06610 | -0.06610 | 839.000 m |
| 0000017 | 005G0164 | 224 | 0.12000 | | | 0.12000 | 696.000 m |
| Totale traject lengte | 6982.500 m | | | | | | |
| Tolerantie | 0.00870 m | | | | | | |
| Sluitfout Hoogte | -0.00210 m | W-toets | -0.79 | | | | |
| | -0.79 | sqrt (km) | | | | | |
| Kring : 7 | (12 kaart) | | | | | | |
| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| 0000027 | 0000110 | 12 | 1.41310 | | | 1.41310 | 493.000 m |
| 0000110 | 005G0298 | 53 | -1.20730 | | | -1.20730 | 626.500 m |
| 005G0298 | 005G0299 | | | 195 | 0.13200 | -0.13200 | 385.000 m |
| 005G0299 | 005G0309 | 196 | 1.16080 | | | 1.16080 | 253.000 m |
| 005G0309 | 0000008 | | | 3 | 0.43360 | -0.43360 | 618.000 m |
| 0000008 | 0000009 | | | 4 | 0.22390 | -0.22390 | 676.000 m |
| 0000009 | 005G0228 | 6 | -0.36750 | | | -0.36750 | 414.000 m |
| 005G0228 | 005G0040 | 142 | 2.43610 | | | 2.43610 | 713.500 m |

| | | | | | | | |
|----------|----------|----|----------|-----|----------|----------|-----------|
| 005G0040 | 005G0039 | 85 | -1.80390 | | | -1.80390 | 198.000 m |
| 005G0039 | 0000016 | | | 9 | 0.54970 | -0.54970 | 607.500 m |
| 0000016 | 005G0038 | 8 | 3.39730 | | | 3.39730 | 405.000 m |
| 005G0038 | 005G0129 | 83 | -3.37330 | | | -3.37330 | 759.500 m |
| 005G0129 | 0000036 | | | 18 | 0.54430 | -0.54430 | 396.000 m |
| 0000036 | 0099124 | | | 214 | -0.49190 | 0.49190 | 259.000 m |
| 0099124 | 0000001 | | | 1 | -0.09510 | 0.09510 | 85.000 m |
| 0000001 | 0000002 | | | 2 | -0.12930 | 0.12930 | 52.000 m |
| 0000002 | 0000063 | | | 26 | -0.36580 | 0.36580 | 113.000 m |
| 0000063 | 0000086 | | | 46 | 1.75110 | -1.75110 | 220.000 m |
| 0000086 | 0000028 | | | 14 | -1.06320 | 1.06320 | 205.000 m |
| 0000028 | 0000027 | 13 | -0.16470 | | | -0.16470 | 337.000 m |

Totale traject lengte 7816.000 m
 Tolerantie 0.00921 m
 Sluitfout Hoogte 0.00130 m W-toets 0.46
 0.46 sqrt(km)

Kring : 8 (14 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 0000027 | 0000110 | 12 | 1.41310 | | | 1.41310 | 493.000 m |
| 0000110 | 005G0298 | 53 | -1.20730 | | | -1.20730 | 626.500 m |
| 005G0298 | 005G0299 | | | 195 | 0.13200 | -0.13200 | 385.000 m |
| 005G0299 | 005G0309 | 196 | 1.16080 | | | 1.16080 | 253.000 m |
| 005G0309 | 0000075 | | | 37 | 1.75640 | -1.75640 | 1283.500 m |
| 0000075 | 0000070 | 36 | -0.26290 | | | -0.26290 | 316.000 m |
| 0000070 | 005G0168 | | | 120 | -0.98060 | 0.98060 | 294.500 m |
| 005G0168 | 0000078 | | | 40 | 0.96100 | -0.96100 | 221.000 m |
| 0000078 | 005G0200 | 41 | 1.90010 | | | 1.90010 | 682.500 m |
| 005G0200 | 005G0297 | 133 | -1.53910 | | | -1.53910 | 394.500 m |
| 005G0297 | 005G0167 | | | 119 | -0.85250 | 0.85250 | 68.000 m |
| 005G0167 | 005G0266 | | | 176 | -0.25120 | 0.25120 | 791.000 m |
| 005G0266 | 0000993 | | | 62 | 1.48720 | -1.48720 | 678.000 m |
| 0000993 | 0000024 | 61 | -0.14830 | | | -0.14830 | 115.500 m |
| 0000024 | 0000035 | 11 | 0.31860 | | | 0.31860 | 200.000 m |
| 0000035 | 0000033 | 17 | -0.21160 | | | -0.21160 | 326.000 m |
| 0000033 | 0000063 | 16 | 1.68100 | | | 1.68100 | 294.000 m |
| 0000063 | 0000086 | | | 46 | 1.75110 | -1.75110 | 220.000 m |
| 0000086 | 0000028 | | | 14 | -1.06320 | 1.06320 | 205.000 m |
| 0000028 | 0000027 | 13 | -0.16470 | | | -0.16470 | 337.000 m |

Totale traject lengte 8184.000 m
 Tolerantie 0.00942 m
 Sluitfout Hoogte -0.00050 m W-toets -0.17
 -0.17 sqrt(km)

Kring : 9 (28 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|-----------|
| 0000049 | 005G0161 | 21 | 1.93980 | | | 1.93980 | 375.500 m |
| 005G0161 | 005G0231 | 117 | 0.15200 | | | 0.15200 | 792.000 m |
| 005G0231 | 005G0053 | | | 90 | -0.73940 | 0.73940 | 575.000 m |
| 005G0053 | 005G0115 | | | 100 | 0.70300 | -0.70300 | 984.500 m |
| 005G0115 | 005G0135 | | | 107 | -0.19830 | 0.19830 | 665.500 m |
| 005G0135 | 005G0093 | 106 | -0.51360 | | | -0.51360 | 570.000 m |
| 005G0093 | 005G0263 | 98 | -0.41230 | | | -0.41230 | 110.000 m |
| 005G0263 | 005G0253 | 173 | 0.45060 | | | 0.45060 | 348.000 m |
| 005G0253 | 005G0092 | 163 | 0.32900 | | | 0.32900 | 577.500 m |
| 005G0092 | 005G0113 | 97 | -0.84840 | | | -0.84840 | 663.500 m |
| 005G0113 | 0000066 | 99 | -0.00240 | | | -0.00240 | 839.500 m |
| 0000066 | 005G0160 | 28 | 0.42730 | | | 0.42730 | 188.000 m |
| 005G0160 | 005G0043 | 116 | 0.09600 | | | 0.09600 | 19.000 m |
| 005G0043 | 0000049 | 86 | -1.85260 | | | -1.85260 | 873.500 m |

Totale traject lengte 7581.500 m
 Tolerantie 0.00907 m
 Sluitfout Hoogte 0.00010 m W-toets 0.04
 0.04 sqrt(km)

Kring : 10 (20 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|-----------|
| 0000066 | 005G0160 | 28 | 0.42730 | | | 0.42730 | 188.000 m |
| 005G0160 | 005G0043 | 116 | 0.09600 | | | 0.09600 | 19.000 m |
| 005G0043 | 0000049 | 86 | -1.85260 | | | -1.85260 | 873.500 m |
| 0000049 | 005G0161 | 21 | 1.93980 | | | 1.93980 | 375.500 m |
| 005G0161 | 005G0231 | 117 | 0.15200 | | | 0.15200 | 792.000 m |
| 005G0231 | 005G0052 | 145 | 0.93020 | | | 0.93020 | 768.000 m |
| 005G0052 | 0000055 | 89 | -2.81220 | | | -2.81220 | 657.000 m |
| 0000055 | 005G0049 | | | 88 | -1.41700 | 1.41700 | 455.000 m |
| 005G0049 | 0000073 | | | 33 | 0.33870 | -0.33870 | 523.000 m |
| 0000073 | 0000067 | | | 29 | -0.32310 | 0.32310 | 724.000 m |
| 0000067 | 0000074 | | | 35 | 1.05440 | -1.05440 | 353.000 m |
| 0000074 | 0000051 | 34 | -0.55790 | | | -0.55790 | 509.000 m |
| 0000051 | 0000050 | | | 22 | -1.49890 | 1.49890 | 513.500 m |
| 0000050 | 0000066 | | | 27 | 0.16940 | -0.16940 | 380.000 m |

Totale traject lengte 7130.500 m
 Tolerantie 0.00879 m
 Sluitfout Hoogte -0.00090 m W-toets -0.34
 -0.34 sqrt(km)

Kring : 11 (34 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|-----|------|--------|------|--------|-------|-----------|---------|
|-----|------|--------|------|--------|-------|-----------|---------|

| | | | | | | | |
|----------|----------|-----|----------|-----|----------|----------|-----------|
| 005G0245 | 005G0288 | | | 187 | -0.10280 | 0.10280 | 864.500 m |
| 005G0288 | 005G0306 | | | 200 | -0.13960 | 0.13960 | 898.500 m |
| 005G0306 | 0000081 | 199 | -0.88380 | | | -0.88380 | 437.000 m |
| 0000081 | 005G0224 | 43 | -0.05390 | | | -0.05390 | 617.000 m |
| 005G0224 | 005G0265 | 138 | 1.73970 | | | 1.73970 | 727.500 m |
| 005G0265 | 005G0045 | | | 87 | -1.08090 | 1.08090 | 168.500 m |
| 005G0045 | 005G0264 | | | 174 | 1.47580 | -1.47580 | 872.000 m |
| 005G0264 | 005G0279 | 175 | -0.65400 | | | -0.65400 | 504.000 m |
| 005G0279 | 005G0035 | 184 | 2.39060 | | | 2.39060 | 746.000 m |
| 005G0035 | 005G0247 | | | 157 | 2.07720 | -2.07720 | 772.000 m |
| 005G0247 | 0000113 | | | 58 | 1.05220 | -1.05220 | 796.000 m |
| 0000113 | 0000112 | 57 | -0.80990 | | | -0.80990 | 309.000 m |
| 0000112 | 0000111 | 56 | -0.02310 | | | -0.02310 | 292.000 m |
| 0000111 | 005G0246 | 54 | 1.43880 | | | 1.43880 | 228.000 m |
| 005G0246 | 0000076 | | | 38 | 0.89590 | -0.89590 | 544.500 m |
| 0000076 | 005G0245 | | | 156 | -1.03610 | 1.03610 | 332.500 m |

Totale traject lengte 9109.000 m
 Tolerantie 0.00994 m
 Sluitfout Hoogte 0.00270 m W-toets 0.89
 0.89 sqrt(km)

Kring : 12 (43 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|-----------|
| 005G0127 | 005G0019 | | | 326 | -0.77850 | 0.77850 | 470.500 m |
| 005G0019 | 005G0110 | | | 335 | -0.11090 | 0.11090 | 454.000 m |
| 005G0110 | 005G0195 | | | 347 | 0.35710 | -0.35710 | 314.500 m |
| 005G0195 | 0098125 | 349 | -0.56300 | | | -0.56300 | 192.000 m |
| 0098125 | 005G0294 | 386 | -0.03480 | | | -0.03480 | 15.000 m |
| 005G0294 | 005G0285 | 372 | -0.10630 | | | -0.10630 | 200.000 m |
| 005G0285 | 005G0111 | | | 336 | -0.54310 | 0.54310 | 928.000 m |
| 005G0111 | 0000992 | | | 242 | -0.01050 | 0.01050 | 238.000 m |
| 0000992 | 005G0196 | 60 | -0.08590 | | | -0.08590 | 441.500 m |
| 005G0196 | 0000077 | | | 39 | 0.76840 | -0.76840 | 841.500 m |
| 0000077 | 005G0127 | | | 104 | -0.47040 | 0.47040 | 582.000 m |

Totale traject lengte 4677.000 m
 Tolerantie 0.00712 m
 Sluitfout Hoogte -0.00210 m W-toets -0.97
 -0.97 sqrt(km)

Kring : 13 (37 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 0000084 | 0099001 | | | 204 | -0.52590 | 0.52590 | 308.000 m |
| 0099001 | 005H0270 | 205 | 0.87300 | | | 0.87300 | 610.000 m |
| 005H0270 | 005H0044 | 203 | -0.48700 | | | -0.48700 | 450.000 m |
| 005H0044 | 005G0278 | 202 | -0.34710 | | | -0.34710 | 853.000 m |
| 005G0278 | 005G0265 | 183 | 1.07970 | | | 1.07970 | 1037.500 m |
| 005G0265 | 005G0224 | | | 138 | 1.73970 | -1.73970 | 727.500 m |
| 005G0224 | 0000081 | | | 43 | -0.05390 | 0.05390 | 617.000 m |
| 0000081 | 005G0261 | | | 170 | -0.57390 | 0.57390 | 514.500 m |
| 005G0261 | 005G0289 | 171 | 0.14150 | | | 0.14150 | 577.000 m |
| 005G0289 | 005G0271 | 188 | -0.92520 | | | -0.92520 | 528.000 m |
| 005G0271 | 0000079 | | | 42 | -0.20020 | 0.20020 | 811.500 m |
| 0000079 | 0000084 | | | 45 | -0.05140 | 0.05140 | 14.000 m |

Totale traject lengte 7048.000 m
 Tolerantie 0.00874 m
 Sluitfout Hoogte 0.00050 m W-toets 0.19
 0.19 sqrt(km)

Kring : 14 (36 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 005G0242 | 005G0255 | 153 | -1.10760 | | | -1.10760 | 561.000 m |
| 005G0255 | 005G0117 | 165 | 0.62870 | | | 0.62870 | 1246.500 m |
| 005G0117 | 005G0256 | 101 | -0.37060 | | | -0.37060 | 270.000 m |
| 005G0256 | 005G0223 | | | 136 | 0.46830 | -0.46830 | 766.500 m |
| 005G0223 | 005G0271 | | | 178 | 0.93650 | -0.93650 | 736.000 m |
| 005G0271 | 005G0289 | | | 188 | -0.92520 | 0.92520 | 528.000 m |
| 005G0289 | 005G0261 | | | 171 | 0.14150 | -0.14150 | 577.000 m |
| 005G0261 | 0000081 | 170 | -0.57390 | | | -0.57390 | 514.500 m |
| 0000081 | 0000082 | | | 44 | 0.03320 | -0.03320 | 656.000 m |
| 0000082 | 005G0242 | | | 151 | -2.07760 | 2.07760 | 979.000 m |

Totale traject lengte 6834.500 m
 Tolerantie 0.00861 m
 Sluitfout Hoogte -0.00010 m W-toets -0.04
 -0.04 sqrt(km)

Kring : 15 (30 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 005G0263 | 005G0253 | 173 | 0.45060 | | | 0.45060 | 348.000 m |
| 005G0253 | 005G0092 | 163 | 0.32900 | | | 0.32900 | 577.500 m |
| 005G0092 | 005G0113 | 97 | -0.84840 | | | -0.84840 | 663.500 m |
| 005G0113 | 005G0032 | | | 78 | -0.45690 | 0.45690 | 1067.000 m |
| 005G0032 | 005G0033 | | | 80 | -1.60410 | 1.60410 | 249.000 m |
| 005G0033 | 005G0252 | | | 161 | -0.03000 | 0.03000 | 604.500 m |
| 005G0252 | 005G0034 | 162 | -1.39900 | | | -1.39900 | 477.000 m |
| 005G0034 | 005G0248 | 81 | -0.66310 | | | -0.66310 | 532.000 m |
| 005G0248 | 005G0035 | 158 | 2.44350 | | | 2.44350 | 308.500 m |
| 005G0035 | 005G0247 | | | 157 | 2.07720 | -2.07720 | 772.000 m |
| 005G0247 | 0000113 | | | 58 | 1.05220 | -1.05220 | 796.000 m |

| | | | | | | | | |
|-----------------------|----------|------------|--------|----------|--------|----------|-----------|------------|
| | 0000113 | 0000112 | 57 | -0.80990 | | | -0.80990 | 309.000 m |
| | 0000112 | 0000111 | 56 | -0.02310 | | | -0.02310 | 292.000 m |
| | 0000111 | 0099125 | 55 | 1.01400 | | | 1.01400 | 251.000 m |
| | 0099125 | 0000102 | 215 | 0.13110 | | | 0.13110 | 50.000 m |
| | 0000102 | 0000103 | 48 | -0.03370 | | | -0.03370 | 36.000 m |
| | 0000103 | 0099126 | | | 216 | 0.12140 | -0.12140 | 82.500 m |
| | 0099126 | 0000101 | | | 47 | -0.01930 | 0.01930 | 192.000 m |
| | 0000101 | 005G0263 | | | 172 | -0.54720 | 0.54720 | 504.000 m |
| Totale traject lengte | | 8111.500 m | | | | | | |
| Tolerantie | | 0.00938 m | | | | | | |
| Sluitfout Hoogte | | -0.00230 m | | W-toets | -0.81 | | | |
| | | -0.81 | | sqrt(km) | | | | |
| Kring : 16 (45 kaart) | | | | | | | | |
| | Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| | 005G0196 | 005G0251 | 131 | -1.22450 | | | -1.22450 | 719.500 m |
| | 005G0251 | 005G0293 | 160 | 3.22270 | | | 3.22270 | 1063.000 m |
| | 005G0293 | 005G0183 | | | 125 | 2.30020 | -2.30020 | 692.500 m |
| | 005G0183 | 005G0291 | 124 | -0.46530 | | | -0.46530 | 155.500 m |
| | 005G0291 | 005G0158 | | | 115 | -1.12070 | 1.12070 | 623.000 m |
| | 005G0158 | 005G0290 | | | 190 | -0.74730 | 0.74730 | 815.500 m |
| | 005G0290 | 005G0138 | 189 | -1.30960 | | | -1.30960 | 848.500 m |
| | 005G0138 | 005G0184 | 108 | 0.49140 | | | 0.49140 | 337.000 m |
| | 005G0184 | 000A2760 | 126 | -1.20950 | | | -1.20950 | 412.500 m |
| | 000A2760 | 005G0021 | 74 | 0.69870 | | | 0.69870 | 204.000 m |
| | 005G0021 | 005G0194 | | | 130 | -0.07550 | 0.07550 | 590.000 m |
| | 005G0194 | 005G0020 | 129 | 0.49800 | | | 0.49800 | 1111.500 m |
| | 005G0020 | 005G0112 | 77 | -0.74990 | | | -0.74990 | 1093.500 m |
| | 005G0112 | 0003044 | | | 66 | -0.02500 | 0.02500 | 422.500 m |
| | 0003044 | 0000992 | | | 59 | -0.46560 | 0.46560 | 285.500 m |
| | 0000992 | 005G0196 | 60 | -0.08590 | | | -0.08590 | 441.500 m |
| Totale traject lengte | | 9815.500 m | | | | | | |
| Tolerantie | | 0.01032 m | | | | | | |
| Sluitfout Hoogte | | 0.00000 m | | W-toets | 0.00 | | | |
| | | 0.00 | | sqrt(km) | | | | |
| Kring : 17 (42 kaart) | | | | | | | | |
| | Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| | 0003023 | 005G0018 | 64 | -0.30010 | | | -0.30010 | 361.000 m |
| | 005G0018 | 005G0197 | | | 132 | -0.11580 | 0.11580 | 386.000 m |
| | 005G0197 | 005G0127 | | | 105 | -0.11000 | 0.11000 | 151.000 m |
| | 005G0127 | 005G0019 | | | 326 | -0.77850 | 0.77850 | 470.500 m |
| | 005G0019 | 005G0110 | | | 335 | -0.11090 | 0.11090 | 454.000 m |
| | 005G0110 | 005G0195 | | | 347 | 0.35710 | -0.35710 | 314.500 m |
| | 005G0195 | 005G0126 | 348 | -0.24110 | | | -0.24110 | 884.500 m |
| | 005G0126 | 005G0204 | 338 | -0.42560 | | | -0.42560 | 849.500 m |
| | 005G0204 | 0003045 | 351 | -0.17120 | | | -0.17120 | 647.000 m |
| | 0003045 | 0003021 | | | 252 | 0.02450 | -0.02450 | 391.000 m |
| | 0003021 | 0003032 | | | 264 | 0.73810 | -0.73810 | 92.000 m |
| | 0003032 | 0003039 | | | 271 | -0.30080 | 0.30080 | 14.000 m |
| | 0003039 | 000A2754 | | | 285 | 0.36130 | -0.36130 | 24.000 m |
| | 000A2754 | 0003033 | | | 266 | -0.19450 | 0.19450 | 6.000 m |
| | 0003033 | 0003022 | | | 253 | -0.73450 | 0.73450 | 186.500 m |
| | 0003022 | 005G0295 | | | 373 | 0.27810 | -0.27810 | 283.500 m |
| | 005G0295 | 005G0304 | | | 380 | -0.74000 | 0.74000 | 645.000 m |
| | 005G0304 | 005G0218 | 197 | -0.47660 | | | -0.47660 | 217.500 m |
| | 005G0218 | 0003023 | 135 | 0.29000 | | | 0.29000 | 344.000 m |
| Totale traject lengte | | 6721.500 m | | | | | | |
| Tolerantie | | 0.00854 m | | | | | | |
| Sluitfout Hoogte | | 0.00130 m | | W-toets | 0.50 | | | |
| | | 0.50 | | sqrt(km) | | | | |
| Kring : 18 (38 kaart) | | | | | | | | |
| | Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| | 0003043 | 005G0249 | 65 | 0.93240 | | | 0.93240 | 1535.000 m |
| | 005G0249 | 005G0248 | 159 | -0.39210 | | | -0.39210 | 429.000 m |
| | 005G0248 | 005G0035 | 158 | 2.44350 | | | 2.44350 | 308.500 m |
| | 005G0035 | 005G0279 | | | 184 | 2.39060 | -2.39060 | 746.000 m |
| | 005G0279 | 005G0264 | | | 175 | -0.65400 | 0.65400 | 504.000 m |
| | 005G0264 | 005G0045 | 174 | 1.47580 | | | 1.47580 | 872.000 m |
| | 005G0045 | 005G0265 | 87 | -1.08090 | | | -1.08090 | 168.500 m |
| | 005G0265 | 005G0305 | | | 198 | 1.22160 | -1.22160 | 371.000 m |
| | 005G0305 | 005G0260 | | | 169 | 0.47960 | -0.47960 | 710.000 m |
| | 005G0260 | 005G0280 | | | 185 | -0.86080 | 0.86080 | 626.000 m |
| | 005G0280 | 005G0290 | | | 191 | -1.51500 | 1.51500 | 626.000 m |
| | 005G0290 | 005G0158 | 190 | -0.74730 | | | -0.74730 | 815.500 m |
| | 005G0158 | 005G0291 | 115 | -1.12070 | | | -1.12070 | 623.000 m |
| | 005G0291 | 0003043 | 192 | -0.44950 | | | -0.44950 | 478.000 m |
| Totale traject lengte | | 8812.500 m | | | | | | |
| Tolerantie | | 0.00978 m | | | | | | |
| Sluitfout Hoogte | | -0.00080 m | | W-toets | -0.27 | | | |
| | | -0.27 | | sqrt(km) | | | | |
| Kring : 19 (25 kaart) | | | | | | | | |
| | Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| | 005G0274 | 005G0155 | | | 114 | 0.38610 | -0.38610 | 801.500 m |
| | 005G0155 | 005G0267 | | | 177 | -0.03050 | 0.03050 | 36.000 m |
| | 005G0267 | 005G0063 | | | 93 | -0.56490 | 0.56490 | 564.000 m |

| | | | | | | | |
|----------|----------|-----|----------|-----|----------|----------|------------|
| 005G0063 | 005G0154 | | | 112 | -0.23330 | 0.23330 | 826.000 m |
| 005G0154 | 005G0118 | 113 | -0.06390 | | | -0.06390 | 773.500 m |
| 005G0118 | 0004043 | | | 73 | 1.68470 | -1.68470 | 77.000 m |
| 0004043 | 0004042 | | | 72 | -0.97220 | 0.97220 | 48.000 m |
| 0004042 | 0004041 | | | 71 | -7.93680 | 7.93680 | 180.000 m |
| 0004041 | 0099002 | | | 206 | 7.55370 | -7.55370 | 181.000 m |
| 0099002 | 005G0122 | | | 103 | 1.45120 | -1.45120 | 1243.000 m |
| 005G0122 | 005G0239 | | | 149 | -1.50400 | 1.50400 | 1218.500 m |
| 005G0239 | 0004013 | | | 70 | -0.41150 | -0.41150 | 54.000 m |
| 0004013 | 005G0274 | | | 180 | -0.30990 | 0.30990 | 663.000 m |

Totale traject lengte 6665.500 m
Tolerantie 0.00850 m
Sluitfout Hoogte 0.00050 m W-toets 0.19
0.19 sqrt(km)

Kring : 20 (32 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 005G0182 | 005G0140 | | | 109 | 2.53750 | -2.53750 | 269.500 m |
| 005G0140 | 005G0252 | 110 | 2.16010 | | | 2.16010 | 698.500 m |
| 005G0252 | 005G0033 | 161 | -0.03000 | | | -0.03000 | 604.500 m |
| 005G0033 | 005G0032 | 80 | -1.60410 | | | -1.60410 | 249.000 m |
| 005G0032 | 005G0258 | 79 | -0.12460 | | | -0.12460 | 906.000 m |
| 005G0258 | 005G0018 | | | 76 | 0.14950 | -0.14950 | 444.000 m |
| 005G0018 | 005G0182 | | | 123 | -2.28560 | 2.28560 | 1140.500 m |

Totale traject lengte 4312.000 m
Tolerantie 0.00684 m
Sluitfout Hoogte -0.00000 m W-toets -0.00
-0.00 sqrt(km)

Kring : 21 (44 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 005G0034 | 005G0248 | 81 | -0.66310 | | | -0.66310 | 532.000 m |
| 005G0248 | 005G0249 | | | 159 | -0.39210 | 0.39210 | 429.000 m |
| 005G0249 | 0003043 | | | 65 | 0.93240 | -0.93240 | 1535.000 m |
| 0003043 | 005G0291 | | | 192 | -0.44950 | 0.44950 | 478.000 m |
| 005G0291 | 005G0183 | | | 124 | -0.46530 | 0.46530 | 155.500 m |
| 005G0183 | 005G0293 | 125 | 2.30020 | | | 2.30020 | 692.500 m |
| 005G0293 | 005G0251 | | | 160 | 3.22270 | -3.22270 | 1063.000 m |
| 005G0251 | 005G0196 | | | 131 | -1.22450 | 1.22450 | 719.500 m |
| 005G0196 | 0000077 | | | 39 | 0.76840 | -0.76840 | 841.500 m |
| 0000077 | 005G0127 | | | 104 | -0.47040 | 0.47040 | 582.000 m |
| 005G0127 | 005G0197 | 105 | -0.11000 | | | -0.11000 | 151.000 m |
| 005G0197 | 005G0018 | 132 | -0.11580 | | | -0.11580 | 386.000 m |
| 005G0018 | 005G0182 | | | 123 | -2.28560 | 2.28560 | 1140.500 m |
| 005G0182 | 005G0140 | | | 109 | 2.53750 | -2.53750 | 269.500 m |
| 005G0140 | 005G0252 | 110 | 2.16010 | | | 2.16010 | 698.500 m |
| 005G0252 | 005G0034 | 162 | -1.39900 | | | -1.39900 | 477.000 m |

Totale traject lengte 10150.500 m
Tolerantie 0.01049 m
Sluitfout Hoogte -0.00120 m W-toets -0.38
-0.38 sqrt(km)

Kring : 22 (26 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 005G0230 | 0099121 | 144 | -0.33880 | | | -0.33880 | 778.500 m |
| 0099121 | 005G0057 | 213 | 0.62950 | | | 0.62950 | 22.000 m |
| 005G0057 | 0099120 | | | 210 | 0.59550 | -0.59550 | 20.000 m |
| 0099120 | 005G0065 | 211 | -0.46190 | | | -0.46190 | 1173.500 m |
| 005G0065 | 005G0232 | 94 | 0.33700 | | | 0.33700 | 568.000 m |
| 005G0232 | 005G0154 | 146 | 0.89250 | | | 0.89250 | 471.000 m |
| 005G0154 | 005G0063 | 112 | -0.23330 | | | -0.23330 | 826.000 m |
| 005G0063 | 005G0267 | 93 | -0.56490 | | | -0.56490 | 564.000 m |
| 005G0267 | 005G0155 | 177 | -0.03050 | | | -0.03050 | 36.000 m |
| 005G0155 | 005G0274 | 114 | 0.38610 | | | 0.38610 | 801.500 m |
| 005G0274 | 0000055 | 179 | -2.19880 | | | -2.19880 | 768.000 m |
| 0000055 | 005G0052 | | | 89 | -2.81220 | 2.81220 | 657.000 m |
| 005G0052 | 005G0231 | | | 145 | 0.93020 | -0.93020 | 768.000 m |
| 005G0231 | 005G0053 | | | 90 | -0.73940 | 0.73940 | 575.000 m |
| 005G0053 | 005G0115 | | | 100 | 0.70300 | -0.70300 | 984.500 m |
| 005G0115 | 005G0054 | | | 91 | -2.39860 | 2.39860 | 154.000 m |
| 005G0054 | 005G0230 | | | 143 | 2.14000 | -2.14000 | 327.000 m |

Totale traject lengte 9494.000 m
Tolerantie 0.01015 m
Sluitfout Hoogte -0.00160 m W-toets -0.52
-0.52 sqrt(km)

Kring : 23 (27 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 005G0065 | 005G0233 | 95 | 0.87940 | | | 0.87940 | 614.500 m |
| 005G0233 | 005G0307 | 147 | -0.59650 | | | -0.59650 | 879.500 m |
| 005G0307 | 005G0236 | | | 148 | -0.00170 | 0.00170 | 820.000 m |
| 005G0236 | 005G0308 | | | 201 | -1.38160 | 1.38160 | 826.500 m |
| 005G0308 | 005G0257 | | | 168 | 2.78250 | -2.78250 | 664.500 m |
| 005G0257 | 005G0097 | 167 | 2.24350 | | | 2.24350 | 565.500 m |
| 005G0097 | 005G0256 | | | 166 | 0.77220 | -0.77220 | 877.000 m |
| 005G0256 | 005G0117 | | | 101 | -0.37060 | 0.37060 | 270.000 m |
| 005G0117 | 005G0255 | | | 165 | 0.62870 | -0.62870 | 1246.500 m |
| 005G0255 | 005G0242 | | | 153 | -1.10760 | 1.10760 | 561.000 m |

| | | | | | | | | |
|-----------------------|----------|-------------|----------|----------|--------|----------|-----------|------------|
| | 005G0242 | 005G0243 | 152 | -0.54160 | | | -0.54160 | 1354.500 m |
| | 005G0243 | 005G0244 | 154 | -0.61180 | | | -0.61180 | 209.000 m |
| | 005G0244 | 005G0230 | 155 | 0.71550 | | | 0.71550 | 513.000 m |
| | 005G0230 | 0099121 | 144 | -0.33880 | | | -0.33880 | 778.500 m |
| | 0099121 | 005G0057 | 213 | 0.62950 | | | 0.62950 | 22.000 m |
| | 005G0057 | 0099120 | | | 210 | 0.59550 | -0.59550 | 20.000 m |
| | 0099120 | 005G0065 | 211 | -0.46190 | | | -0.46190 | 1173.500 m |
| Totale traject lengte | | 11395.500 m | | | | | | |
| Tolerantie | | 0.01112 m | | | | | | |
| Sluitfout Hoogte | | -0.00010 m | W-toets | | -0.03 | | | |
| | | -0.03 | sqrt(km) | | | | | |
| Kring : 24 (39 kaart) | | | | | | | | |
| | Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| | 005G0072 | 005G0256 | 96 | -0.16740 | | | -0.16740 | 737.000 m |
| | 005G0256 | 005G0223 | | | 136 | 0.46830 | -0.46830 | 766.500 m |
| | 005G0223 | 005G0292 | 137 | -0.61400 | | | -0.61400 | 613.500 m |
| | 005G0292 | 005G0277 | 193 | 2.88560 | | | 2.88560 | 658.000 m |
| | 005G0277 | 005G0072 | 182 | -1.63530 | | | -1.63530 | 188.000 m |
| Totale traject lengte | | 2963.000 m | | | | | | |
| Tolerantie | | 0.00567 m | | | | | | |
| Sluitfout Hoogte | | 0.00060 m | W-toets | | 0.35 | | | |
| | | 0.35 | sqrt(km) | | | | | |
| Kring : 25 (41 kaart) | | | | | | | | |
| | Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| | 0099115 | 0099127 | 209 | 1.21740 | | | 1.21740 | 265.500 m |
| | 0099127 | 005G0180 | | | 122 | 0.41220 | -0.41220 | 12.000 m |
| | 005G0180 | 005G0254 | 121 | -0.06050 | | | -0.06050 | 408.500 m |
| | 005G0254 | 005G0304 | 164 | 0.62090 | | | 0.62090 | 216.500 m |
| | 005G0304 | 005G0295 | 380 | -0.74000 | | | -0.74000 | 645.000 m |
| | 005G0295 | 0003022 | 373 | 0.27810 | | | 0.27810 | 283.500 m |
| | 0003022 | 0003033 | 253 | -0.73450 | | | -0.73450 | 186.500 m |
| | 0003033 | 000A2754 | 266 | -0.19450 | | | -0.19450 | 6.000 m |
| | 000A2754 | 0003039 | 285 | 0.36130 | | | 0.36130 | 24.000 m |
| | 0003039 | 0003032 | 271 | -0.30080 | | | -0.30080 | 14.000 m |
| | 0003032 | 0003021 | 264 | 0.73810 | | | 0.73810 | 92.000 m |
| | 0003021 | 0003031 | | | 263 | 0.94290 | -0.94290 | 256.500 m |
| | 0003031 | 0003030 | | | 262 | -0.80550 | 0.80550 | 426.500 m |
| | 0003030 | 000A2761 | | | 287 | 0.87850 | -0.87850 | 18.000 m |
| | 000A2761 | 0003029 | 286 | -0.29830 | | | -0.29830 | 10.000 m |
| | 0003029 | 0003028 | 261 | 0.50270 | | | 0.50270 | 495.500 m |
| | 0003028 | 0003001 | 259 | 1.43990 | | | 1.43990 | 807.000 m |
| | 0003001 | 005G0143 | 243 | -0.74170 | | | -0.74170 | 267.500 m |
| | 005G0143 | 0003017 | | | 249 | 0.01680 | -0.01680 | 19.500 m |
| | 0003017 | 005G0227 | | | 367 | -0.34900 | 0.34900 | 420.500 m |
| | 005G0227 | 0099114 | 141 | -0.97280 | | | -0.97280 | 481.000 m |
| | 0099114 | 005G0142 | | | 111 | -0.94520 | 0.94520 | 32.000 m |
| | 005G0142 | 0099115 | | | 208 | 0.96460 | -0.96460 | 38.000 m |
| Totale traject lengte | | 5425.500 m | | | | | | |
| Tolerantie | | 0.00767 m | | | | | | |
| Sluitfout Hoogte | | 0.00000 m | W-toets | | 0.00 | | | |
| | | 0.00 | sqrt(km) | | | | | |
| Kring : 26 (16 kaart) | | | | | | | | |
| | Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| | 0000022 | 005D0012 | 228 | 2.56390 | | | 2.56390 | 745.000 m |
| | 005D0012 | 0000998 | 292 | 0.09650 | | | 0.09650 | 543.000 m |
| | 0000998 | 005D0067 | | | 306 | 1.79350 | -1.79350 | 288.000 m |
| | 005D0067 | 0099101 | 307 | 4.66060 | | | 4.66060 | 423.000 m |
| | 0099101 | 005D0070 | | | 309 | 0.14390 | -0.14390 | 123.000 m |
| | 005D0070 | 0099102 | | | 387 | -0.14050 | 0.14050 | 131.000 m |
| | 0099102 | 005D0087 | | | 318 | 0.64940 | -0.64940 | 418.500 m |
| | 005D0087 | 005D0074 | 317 | -3.91530 | | | -3.91530 | 159.000 m |
| | 005D0074 | 005D0015 | | | 294 | 0.23260 | -0.23260 | 741.000 m |
| | 005D0015 | 0000029 | 293 | -0.02170 | | | -0.02170 | 733.000 m |
| | 0000029 | 0000030 | 229 | 0.59750 | | | 0.59750 | 863.000 m |
| | 0000030 | 005D0017 | 231 | -0.38160 | | | -0.38160 | 313.000 m |
| | 005D0017 | 0000015 | 295 | 0.95040 | | | 0.95040 | 542.000 m |
| | 0000015 | 005D0088 | 223 | 0.08260 | | | 0.08260 | 603.000 m |
| | 005D0088 | 005D0084 | | | 316 | -0.01650 | 0.01650 | 24.000 m |
| | 005D0084 | 005D0040 | 315 | -1.66650 | | | -1.66650 | 610.500 m |
| | 005D0040 | 0000023 | 298 | -0.45070 | | | -0.45070 | 307.000 m |
| | 0000023 | 0000021 | | | 226 | -0.78530 | 0.78530 | 238.500 m |
| | 0000021 | 0000020 | | | 225 | 1.72830 | -1.72830 | 881.000 m |
| | 0000020 | 0000022 | | | 227 | -1.08920 | 1.08920 | 513.000 m |
| Totale traject lengte | | 9199.500 m | | | | | | |
| Tolerantie | | 0.00999 m | | | | | | |
| Sluitfout Hoogte | | -0.00050 m | W-toets | | -0.16 | | | |
| | | -0.16 | sqrt(km) | | | | | |
| Kring : 27 (23 kaart) | | | | | | | | |
| | Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| | 005D0005 | 0000107 | | | 238 | 0.34420 | -0.34420 | 437.000 m |
| | 0000107 | 005D0007 | 239 | 0.44640 | | | 0.44640 | 409.500 m |
| | 005D0007 | 005D0066 | | | 305 | -0.14150 | 0.14150 | 538.000 m |
| | 005D0066 | 0000998 | 304 | 0.49430 | | | 0.49430 | 728.000 m |
| | 0000998 | 005D0082 | | | 312 | 2.09770 | -2.09770 | 251.000 m |

| | | | | | | | |
|----------|----------|-----|---------|-----|----------|---------|-----------|
| 005D0082 | 0000065 | | | 237 | -0.11960 | 0.11960 | 134.000 m |
| 0000065 | 0000040 | 236 | 0.00640 | | | 0.00640 | 654.000 m |
| 0000040 | 0000041 | | | 232 | -0.08590 | 0.08590 | 525.000 m |
| 0000041 | 005D0005 | | | 291 | -1.14900 | 1.14900 | 684.000 m |

| | | | | | | | |
|-----------------------|------------|-----------|------|--|--|--|--|
| Totale traject lengte | 4360.500 m | | | | | | |
| Tolerantie | 0.00688 m | | | | | | |
| Sluitfout Hoogte | 0.00120 m | W-toets | 0.57 | | | | |
| | 0.57 | sqrt (km) | | | | | |

Kring : 28 (22 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|-----------|
| 0000047 | 0099103 | | | 388 | 0.08980 | -0.08980 | 34.000 m |
| 0099103 | 0003042 | | | 276 | -1.33810 | 1.33810 | 345.000 m |
| 0003042 | 005D0007 | 275 | -2.06960 | | | -2.06960 | 706.500 m |
| 005D0007 | 005D0066 | | | 305 | -0.14150 | 0.14150 | 538.000 m |
| 005D0066 | 0000998 | 304 | 0.49430 | | | 0.49430 | 728.000 m |
| 0000998 | 005D0067 | | | 306 | 1.79350 | -1.79350 | 288.000 m |
| 005D0067 | 0099101 | 307 | 4.66060 | | | 4.66060 | 423.000 m |
| 0099101 | 005D0070 | | | 309 | 0.14390 | -0.14390 | 123.000 m |
| 005D0070 | 0099102 | | | 387 | -0.14050 | 0.14050 | 131.000 m |
| 0099102 | 005D0087 | | | 318 | 0.64940 | -0.64940 | 418.500 m |
| 005D0087 | 005D0074 | 317 | -3.91530 | | | -3.91530 | 159.000 m |
| 005D0074 | 005D0015 | | | 294 | 0.23260 | -0.23260 | 741.000 m |
| 005D0015 | 0000029 | 293 | -0.02170 | | | -0.02170 | 733.000 m |
| 0000029 | 0004033 | | | 282 | 0.76750 | -0.76750 | 152.000 m |
| 0004033 | 005D0057 | 283 | 0.78710 | | | 0.78710 | 17.000 m |
| 005D0057 | 0004032 | 301 | 0.42620 | | | 0.42620 | 113.000 m |
| 0004032 | 0004031 | | | 280 | -8.34820 | 8.34820 | 258.000 m |
| 0004031 | 0099110 | 281 | -8.14040 | | | -8.14040 | 174.500 m |
| 0099110 | 005D0083 | | | 314 | -3.34610 | 3.34610 | 622.500 m |
| 005D0083 | 0000045 | 313 | 0.78180 | | | 0.78180 | 834.500 m |
| 0000045 | 0000046 | | | 233 | -0.56140 | 0.56140 | 560.500 m |
| 0000046 | 0000047 | | | 234 | 3.20360 | -3.20360 | 659.000 m |

| | | | | | | | |
|-----------------------|------------|-----------|-------|--|--|--|--|
| Totale traject lengte | 8759.000 m | | | | | | |
| Tolerantie | 0.00975 m | | | | | | |
| Sluitfout Hoogte | -0.00150 m | W-toets | -0.51 | | | | |
| | -0.51 | sqrt (km) | | | | | |

Kring : 29 (24 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|-----------|
| 005D0072 | 000A4020 | | | 288 | -0.85490 | 0.85490 | 19.000 m |
| 000A4020 | 005D0081 | | | 310 | 0.52570 | -0.52570 | 22.000 m |
| 005D0081 | 005D0069 | 311 | -2.49950 | | | -2.49950 | 624.500 m |
| 005D0069 | 005D0003 | 308 | -0.56200 | | | -0.56200 | 269.500 m |
| 005D0003 | 005D0037 | 289 | -0.70110 | | | -0.70110 | 346.000 m |
| 005D0037 | 005D0004 | 297 | -0.97510 | | | -0.97510 | 165.000 m |
| 005D0004 | 005D0005 | 290 | 0.29020 | | | 0.29020 | 225.500 m |
| 005D0005 | 0000107 | | | 238 | 0.34420 | -0.34420 | 437.000 m |
| 0000107 | 005D0072 | 240 | 4.46330 | | | 4.46330 | 550.000 m |

| | | | | | | | |
|-----------------------|------------|-----------|------|--|--|--|--|
| Totale traject lengte | 2658.500 m | | | | | | |
| Tolerantie | 0.00537 m | | | | | | |
| Sluitfout Hoogte | 0.00080 m | W-toets | 0.49 | | | | |
| | 0.49 | sqrt (km) | | | | | |

Kring : 30 (50 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 005G0101 | 005G0208 | | | 357 | 0.10320 | -0.10320 | 343.000 m |
| 005G0208 | 005G0165 | | | 341 | 0.65910 | -0.65910 | 869.500 m |
| 005G0165 | 005G0207 | | | 355 | -2.19230 | 2.19230 | 1018.500 m |
| 005G0207 | 0099104 | 356 | -1.95150 | | | -1.95150 | 178.000 m |
| 0099104 | 005D0064 | 389 | 0.00730 | | | 0.00730 | 76.500 m |
| 005D0064 | 005D0089 | | | 319 | 0.02080 | -0.02080 | 921.500 m |
| 005D0089 | 005G0310 | 320 | 0.56060 | | | 0.56060 | 817.500 m |
| 005G0310 | 005G0206 | 382 | -0.04280 | | | -0.04280 | 628.000 m |
| 005G0206 | 005G0007 | | | 323 | 1.23960 | -1.23960 | 748.500 m |
| 005G0007 | 005G0205 | | | 354 | -1.48860 | 1.48860 | 688.500 m |
| 005G0205 | 005G0008 | | | 324 | -0.33270 | 0.33270 | 270.000 m |
| 005G0008 | 0003003 | | | 245 | 0.64890 | -0.64890 | 319.500 m |
| 0003003 | 000A2752 | 244 | -1.10190 | | | -1.10190 | 306.000 m |
| 000A2752 | 0098121 | 284 | 1.08220 | | | 1.08220 | 853.000 m |
| 0098121 | 005G0125 | 384 | 0.33830 | | | 0.33830 | 10.000 m |
| 005G0125 | 0098120 | 337 | -0.33850 | | | -0.33850 | 10.000 m |
| 0098120 | 005G0286 | | | 370 | -4.03210 | 4.03210 | 504.000 m |
| 005G0286 | 005G0004 | 369 | -4.26550 | | | -4.26550 | 901.500 m |
| 005G0004 | 005G0235 | 322 | -0.56730 | | | -0.56730 | 876.000 m |
| 005G0235 | 005G0220 | | | 366 | -0.83940 | 0.83940 | 457.000 m |
| 005G0220 | 0000910 | | | 241 | -0.20050 | 0.20050 | 744.000 m |
| 0000910 | 005G0101 | | | 330 | 0.13520 | -0.13520 | 865.000 m |

| | | | | | | | |
|-----------------------|-------------|-----------|-------|--|--|--|--|
| Totale traject lengte | 12405.500 m | | | | | | |
| Tolerantie | 0.01160 m | | | | | | |
| Sluitfout Hoogte | -0.00030 m | W-toets | -0.09 | | | | |
| | -0.09 | sqrt (km) | | | | | |

Kring : 31 (67 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|---------|---------|--------|------|--------|----------|-----------|-----------|
| 0003019 | 0003018 | | | 250 | 0.29610 | -0.29610 | 204.500 m |
| 0003018 | 0003006 | | | 247 | 0.03410 | -0.03410 | 28.000 m |
| 0003006 | 0003005 | | | 246 | -0.12800 | 0.12800 | 298.500 m |

| | | | | | |
|----------|----------|-----|----------|----------|-----------|
| 0003005 | 0003028 | 260 | 0.50400 | -0.50400 | 36.000 m |
| 0003028 | 0003029 | 261 | 0.50270 | -0.50270 | 495.500 m |
| 0003029 | 000A2761 | 286 | -0.29830 | 0.29830 | 10.000 m |
| 000A2761 | 0003030 | 287 | 0.87850 | 0.87850 | 18.000 m |
| 0003030 | 0003031 | 262 | -0.80550 | -0.80550 | 426.500 m |
| 0003031 | 0003021 | 263 | 0.94290 | 0.94290 | 256.500 m |
| 0003021 | 0003045 | 252 | 0.02450 | 0.02450 | 391.000 m |
| 0003045 | 005G0204 | 351 | -0.17120 | 0.17120 | 647.000 m |
| 005G0204 | 005G0010 | 352 | 0.09820 | 0.09820 | 442.500 m |
| 005G0010 | 0098123 | 325 | 0.01920 | 0.01920 | 549.500 m |
| 0098123 | 005G0125 | 385 | 0.33820 | 0.33820 | 10.000 m |
| 005G0125 | 0098121 | 384 | 0.33830 | -0.33830 | 10.000 m |
| 0098121 | 000A2752 | 284 | 1.08220 | -1.08220 | 853.000 m |
| 000A2752 | 0003003 | 244 | -1.10190 | 1.10190 | 306.000 m |
| 0003003 | 0003019 | 251 | 0.43910 | -0.43910 | 503.000 m |

Totale traject lengte 5485.500 m
 Tolerantie 0.00771 m
 Sluitfout Hoogte -0.00110 m W-toets -0.47
 -0.47 sqrt(km)

| | | | | | | | |
|------------|------------|--------|----------|--------|----------|-----------|------------|
| Kring : 32 | (49 kaart) | | | | | | |
| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| 005G0311 | 005G0102 | | | 332 | 0.36290 | -0.36290 | 1214.000 m |
| 005G0102 | 0000910 | 331 | 0.44450 | | | 0.44450 | 977.500 m |
| 0000910 | 005G0220 | 241 | -0.20050 | | | -0.20050 | 744.000 m |
| 005G0220 | 005G0235 | 366 | -0.83940 | | | -0.83940 | 457.000 m |
| 005G0235 | 005G0004 | | | 322 | -0.56730 | 0.56730 | 876.000 m |
| 005G0004 | 005G0286 | | | 369 | -4.26550 | 4.26550 | 901.500 m |
| 005G0286 | 0098120 | 370 | -4.03210 | | | -4.03210 | 504.000 m |
| 0098120 | 005G0125 | | | 337 | -0.33850 | 0.33850 | 10.000 m |
| 005G0125 | 0098123 | | | 385 | 0.33820 | -0.33820 | 10.000 m |
| 0098123 | 005G0010 | | | 325 | 0.01920 | -0.01920 | 549.500 m |
| 005G0010 | 005G0204 | | | 352 | 0.09820 | -0.09820 | 442.500 m |
| 005G0204 | 005G0126 | | | 338 | -0.42560 | 0.42560 | 849.500 m |
| 005G0126 | 005G0195 | | | 348 | -0.24110 | 0.24110 | 884.500 m |
| 005G0195 | 0098125 | 349 | -0.56300 | | | -0.56300 | 192.000 m |
| 0098125 | 005G0294 | 386 | -0.03480 | | | -0.03480 | 15.000 m |
| 005G0294 | 005G0285 | 372 | -0.10630 | | | -0.10630 | 200.000 m |
| 005G0285 | 005G0109 | | | 334 | -0.78240 | 0.78240 | 156.500 m |
| 005G0109 | 005G0199 | | | 350 | 0.72340 | -0.72340 | 618.500 m |
| 005G0199 | 005G0091 | | | 329 | 0.21510 | -0.21510 | 826.500 m |
| 005G0091 | 005G0108 | | | 333 | -0.45090 | 0.45090 | 941.000 m |
| 005G0108 | 0003041 | | | 273 | -0.13960 | 0.13960 | 296.000 m |
| 0003041 | 005G0312 | 274 | -0.81210 | | | -0.81210 | 663.000 m |
| 005G0312 | 005G0001 | | | 321 | -0.15930 | 0.15930 | 597.500 m |
| 005G0001 | 005G0090 | | | 328 | -0.25640 | 0.25640 | 467.500 m |
| 005G0090 | 005G0209 | | | 358 | 1.08070 | -1.08070 | 424.000 m |
| 005G0209 | 005G0234 | 359 | 3.08800 | | | 3.08800 | 950.000 m |
| 005G0234 | 0003010 | | | 248 | 1.87570 | -1.87570 | 583.500 m |
| 0003010 | 005G0311 | | | 383 | -0.14430 | 0.14430 | 373.500 m |

Totale traject lengte 15724.500 m
 Tolerantie 0.01306 m
 Sluitfout Hoogte 0.00180 m W-toets 0.45
 0.45 sqrt(km)

| | | | | | | | | |
|------------|------------|----------|--------|----------|--------|----------|-----------|------------|
| Kring : 33 | (15 kaart) | | | | | | | |
| | Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
| | 0003024 | 0003026 | 254 | -0.63480 | | | -0.63480 | 23.000 m |
| | 0003026 | 000A2750 | 256 | -0.18390 | | | -0.18390 | 15.000 m |
| | 000A2750 | 0003027 | | | 257 | -0.23070 | 0.23070 | 15.000 m |
| | 0003027 | 005G0219 | 258 | 0.71090 | | | 0.71090 | 70.000 m |
| | 005G0219 | 005G0145 | | | 339 | 0.77230 | -0.77230 | 299.500 m |
| | 005G0145 | 005G0179 | | | 345 | -0.13890 | 0.13890 | 377.500 m |
| | 005G0179 | 0098126 | 346 | 0.35550 | | | 0.35550 | 13.000 m |
| | 0098126 | 005G0287 | | | 371 | 1.09670 | -1.09670 | 196.000 m |
| | 005G0287 | 005G0297 | | | 375 | -0.21550 | 0.21550 | 1065.000 m |
| | 005G0297 | 005G0167 | | | 119 | -0.85250 | 0.85250 | 68.000 m |
| | 005G0167 | 005G0266 | | | 176 | -0.25120 | 0.25120 | 791.000 m |
| | 005G0266 | 0000023 | 368 | -0.90400 | | | -0.90400 | 377.000 m |
| | 0000023 | 0000021 | | | 226 | -0.78530 | 0.78530 | 238.500 m |
| | 0000021 | 0000020 | | | 225 | 1.72830 | -1.72830 | 881.000 m |
| | 0000020 | 0000022 | | | 227 | -1.08920 | 1.08920 | 513.000 m |
| | 0000022 | 005D0059 | | | 302 | -1.69760 | 1.69760 | 110.000 m |
| | 005D0059 | 0099113 | 303 | -0.72570 | | | -0.72570 | 87.000 m |
| | 0099113 | 000A2748 | 390 | -0.88710 | | | -0.88710 | 137.000 m |
| | 000A2748 | 005G0310 | | | 381 | -0.85330 | 0.85330 | 388.000 m |
| | 005G0310 | 005G0206 | 382 | -0.04280 | | | -0.04280 | 628.000 m |
| | 005G0206 | 005G0007 | | | 323 | 1.23960 | -1.23960 | 748.500 m |
| | 005G0007 | 005G0205 | | | 354 | -1.48860 | 1.48860 | 688.500 m |
| | 005G0205 | 0003034 | 353 | -0.31910 | | | -0.31910 | 278.000 m |
| | 0003034 | 0003035 | 267 | -0.24880 | | | -0.24880 | 461.000 m |
| | 0003035 | 0003036 | 268 | -0.04840 | | | -0.04840 | 38.000 m |
| | 0003036 | 0003024 | 269 | 0.16430 | | | 0.16430 | 169.000 m |

Totale traject lengte 8675.500 m
 Tolerantie 0.00970 m
 Sluitfout Hoogte 0.00200 m W-toets 0.68
 0.68 sqrt(km)

Kring : 34 (46 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 0003025 | 0003037 | 255 | 0.33240 | | | 0.33240 | 131.000 m |
| 0003037 | 0099117 | | | 393 | 0.22930 | -0.22930 | 54.000 m |
| 0099117 | 005G0177 | | | 344 | -0.49650 | 0.49650 | 169.500 m |
| 005G0177 | 005G0170 | 343 | -0.40070 | | | -0.40070 | 1050.500 m |
| 005G0170 | 005G0091 | 342 | -0.48890 | | | -0.48890 | 1106.500 m |
| 005G0091 | 005G0199 | 329 | 0.21510 | | | 0.21510 | 826.500 m |
| 005G0199 | 005G0109 | 350 | 0.72340 | | | 0.72340 | 618.500 m |
| 005G0109 | 005G0285 | 334 | -0.78240 | | | -0.78240 | 156.500 m |
| 005G0285 | 005G0111 | | | 336 | -0.54310 | 0.54310 | 928.000 m |
| 005G0111 | 0000992 | | | 242 | -0.01050 | 0.01050 | 238.000 m |
| 0000992 | 0003044 | 59 | -0.46560 | | | -0.46560 | 285.500 m |
| 0003044 | 005G0112 | 66 | -0.02500 | | | -0.02500 | 422.500 m |
| 005G0112 | 005G0020 | | | 77 | -0.74990 | 0.74990 | 1093.500 m |
| 005G0020 | 005G0194 | | | 129 | 0.49800 | -0.49800 | 1111.500 m |
| 005G0194 | 005G0021 | 130 | -0.07550 | | | -0.07550 | 590.000 m |
| 005G0021 | 000A2760 | | | 74 | 0.69870 | -0.69870 | 204.000 m |
| 000A2760 | 0003040 | | | 272 | -0.47180 | 0.47180 | 163.000 m |
| 0003040 | 005G0216 | | | 365 | -0.40010 | 0.40010 | 604.000 m |
| 005G0216 | 005G0212 | | | 362 | 0.29160 | -0.29160 | 644.000 m |
| 005G0212 | 005G0213 | 361 | -0.43460 | | | -0.43460 | 522.500 m |
| 005G0213 | 005G0303 | 363 | -0.16950 | | | -0.16950 | 806.500 m |
| 005G0303 | 000A2758 | 379 | -0.67400 | | | -0.67400 | 35.000 m |
| 000A2758 | 005G0214 | | | 364 | -1.39270 | 1.39270 | 312.000 m |
| 005G0214 | 0099116 | | | 392 | 0.93860 | -0.93860 | 546.500 m |
| 0099116 | 0003038 | 391 | 0.58330 | | | 0.58330 | 57.500 m |
| 0003038 | 0003025 | 270 | 0.25370 | | | 0.25370 | 70.500 m |

Totale traject lengte 12747.500 m
 Tolerantie 0.01176 m
 Sluitfout Hoogte 0.00010 m W-toets 0.03
 0.03 sqrt(km)

Kring : 35 (48 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|-----------|
| 005G0091 | 005G0199 | 329 | 0.21510 | | | 0.21510 | 826.500 m |
| 005G0199 | 0099119 | | | 394 | 0.11810 | -0.11810 | 175.000 m |
| 0099119 | 005G0210 | 395 | 1.15750 | | | 1.15750 | 580.000 m |
| 005G0210 | 005G0296 | 360 | -1.21940 | | | -1.21940 | 408.000 m |
| 005G0296 | 000A2756 | 374 | -0.81740 | | | -0.81740 | 48.000 m |
| 000A2756 | 005G0301 | | | 376 | -0.42490 | 0.42490 | 181.000 m |
| 005G0301 | 005G0302 | | | 378 | -2.13910 | 2.13910 | 552.000 m |
| 005G0302 | 005G0108 | 377 | -1.33190 | | | -1.33190 | 640.000 m |
| 005G0108 | 005G0091 | 333 | -0.45090 | | | -0.45090 | 941.000 m |

Totale traject lengte 4351.500 m
 Tolerantie 0.00687 m
 Sluitfout Hoogte -0.00110 m W-toets -0.53
 -0.53 sqrt(km)

Kring : 36 (40 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|----------|----------|--------|----------|--------|----------|-----------|------------|
| 005G0200 | 005G0297 | 133 | -1.53910 | | | -1.53910 | 394.500 m |
| 005G0297 | 005G0287 | 375 | -0.21550 | | | -0.21550 | 1065.000 m |
| 005G0287 | 0098126 | 371 | 1.09670 | | | 1.09670 | 196.000 m |
| 0098126 | 005G0179 | | | 346 | 0.35550 | -0.35550 | 13.000 m |
| 005G0179 | 005G0145 | 345 | -0.13890 | | | -0.13890 | 377.500 m |
| 005G0145 | 005G0219 | 339 | 0.77230 | | | 0.77230 | 299.500 m |
| 005G0219 | 0003027 | | | 258 | 0.71090 | -0.71090 | 70.000 m |
| 0003027 | 000A2750 | 257 | -0.23070 | | | -0.23070 | 15.000 m |
| 000A2750 | 0003026 | | | 256 | -0.18390 | 0.18390 | 15.000 m |
| 0003026 | 0003024 | | | 254 | -0.63480 | 0.63480 | 23.000 m |
| 0003024 | 0003036 | | | 269 | 0.16430 | -0.16430 | 169.000 m |
| 0003036 | 0003035 | | | 268 | -0.04840 | 0.04840 | 38.000 m |
| 0003035 | 0003034 | | | 267 | -0.24880 | 0.24880 | 461.000 m |
| 0003034 | 005G0205 | | | 353 | -0.31910 | 0.31910 | 278.000 m |
| 005G0205 | 005G0008 | | | 324 | -0.33270 | 0.33270 | 270.000 m |
| 005G0008 | 0003003 | | | 245 | 0.64890 | -0.64890 | 319.500 m |
| 0003003 | 0003019 | | | 251 | 0.43910 | -0.43910 | 503.000 m |
| 0003019 | 0003018 | | | 250 | 0.29610 | -0.29610 | 204.500 m |
| 0003018 | 0003006 | | | 247 | 0.03410 | -0.03410 | 28.000 m |
| 0003006 | 0003005 | | | 246 | -0.12800 | 0.12800 | 298.500 m |
| 0003005 | 0003028 | | | 260 | 0.50400 | -0.50400 | 36.000 m |
| 0003028 | 0003001 | 259 | 1.43990 | | | 1.43990 | 807.000 m |
| 0003001 | 005G0143 | 243 | -0.74170 | | | -0.74170 | 267.500 m |
| 005G0143 | 0003017 | | | 249 | 0.01680 | -0.01680 | 19.500 m |
| 0003017 | 005G0227 | | | 367 | -0.34900 | 0.34900 | 420.500 m |
| 005G0227 | 005G0201 | 139 | -0.42680 | | | -0.42680 | 168.500 m |
| 005G0201 | 005G0281 | 134 | 0.56450 | | | 0.56450 | 808.500 m |
| 005G0281 | 005G0168 | 186 | -0.59420 | | | -0.59420 | 770.000 m |
| 005G0168 | 0000078 | | | 40 | 0.96100 | -0.96100 | 221.000 m |
| 0000078 | 005G0200 | 41 | 1.90010 | | | 1.90010 | 682.500 m |

Totale traject lengte 9239.000 m
 Tolerantie 0.01001 m
 Sluitfout Hoogte 0.00060 m W-toets 0.20
 0.20 sqrt(km)

Kring : 37 (31 kaart)

| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand |
|-----|------|--------|------|--------|-------|-----------|---------|
|-----|------|--------|------|--------|-------|-----------|---------|

| | | | | | | | |
|----------|----------|-----|----------|-----|----------|----------|------------|
| 0000066 | 005G0113 | | | 99 | -0.00240 | 0.00240 | 839.500 m |
| 005G0113 | 005G0032 | | | 78 | -0.45690 | 0.45690 | 1067.000 m |
| 005G0032 | 005G0258 | 79 | -0.12460 | | | -0.12460 | 906.000 m |
| 005G0258 | 005G0018 | | | 76 | 0.14950 | -0.14950 | 444.000 m |
| 005G0018 | 0003023 | | | 64 | -0.30010 | 0.30010 | 361.000 m |
| 0003023 | 005G0218 | | | 135 | 0.29000 | -0.29000 | 344.000 m |
| 005G0218 | 005G0304 | | | 197 | -0.47660 | 0.47660 | 217.500 m |
| 005G0304 | 005G0254 | | | 164 | 0.62090 | -0.62090 | 216.500 m |
| 005G0254 | 005G0180 | | | 121 | -0.06050 | 0.06050 | 408.500 m |
| 005G0180 | 0099127 | 122 | 0.41220 | | | 0.41220 | 12.000 m |
| 0099127 | 0099115 | | | 209 | 1.21740 | -1.21740 | 265.500 m |
| 0099115 | 005G0142 | 208 | 0.96460 | | | 0.96460 | 38.000 m |
| 005G0142 | 0099114 | 111 | -0.94520 | | | -0.94520 | 32.000 m |
| 0099114 | 005G0227 | | | 141 | -0.97280 | 0.97280 | 481.000 m |
| 005G0227 | 005G0275 | 140 | 0.10430 | | | 0.10430 | 755.000 m |
| 005G0275 | 0000052 | 181 | -0.03230 | | | -0.03230 | 523.500 m |
| 0000052 | 0000072 | | | 31 | 1.06780 | -1.06780 | 540.000 m |
| 0000072 | 0000053 | | | 23 | 0.04150 | -0.04150 | 325.000 m |
| 0000053 | 0000104 | | | 49 | -0.26890 | 0.26890 | 55.000 m |
| 0000104 | 0000105 | 50 | 0.09900 | | | 0.09900 | 11.000 m |
| 0000105 | 0000106 | | | 51 | 0.18020 | -0.18020 | 13.500 m |
| 0000106 | 000A2894 | 52 | -0.24800 | | | -0.24800 | 22.000 m |
| 000A2894 | 0000073 | | | 32 | -0.75860 | 0.75860 | 459.000 m |
| 0000073 | 0000067 | | | 29 | -0.32310 | 0.32310 | 724.000 m |
| 0000067 | 0000074 | | | 35 | 1.05440 | -1.05440 | 353.000 m |
| 0000074 | 0000051 | 34 | -0.55790 | | | -0.55790 | 509.000 m |
| 0000051 | 0000050 | | | 22 | -1.49890 | 1.49890 | 513.500 m |
| 0000050 | 0000066 | | | 27 | 0.16940 | -0.16940 | 380.000 m |

Totale traject lengte 10816.000 m
 Tolerantie 0.01083 m
 Sluitfout Hoogte -0.00020 m W-toets -0.06
 -0.06 sqrt(km)

| Kring : 38 | | (29 kaart) | | | | | | | |
|------------|----------|------------|----------|--------|----------|-----------|------------|--|--|
| Van | Naar | Record | Heen | Record | Terug | Gemiddeld | Afstand | | |
| 005G0263 | 005G0093 | | | 98 | -0.41230 | 0.41230 | 110.000 m | | |
| 005G0093 | 005G0135 | | | 106 | -0.51360 | 0.51360 | 570.000 m | | |
| 005G0135 | 005G0115 | 107 | -0.19830 | | | -0.19830 | 665.500 m | | |
| 005G0115 | 005G0054 | | | 91 | -2.39860 | 2.39860 | 154.000 m | | |
| 005G0054 | 005G0230 | | | 143 | 2.14000 | -2.14000 | 327.000 m | | |
| 005G0230 | 005G0244 | | | 155 | 0.71550 | -0.71550 | 513.000 m | | |
| 005G0244 | 005G0243 | | | 154 | -0.61180 | 0.61180 | 209.000 m | | |
| 005G0243 | 005G0242 | | | 152 | -0.54160 | 0.54160 | 1354.500 m | | |
| 005G0242 | 0000082 | 151 | -2.07760 | | | -2.07760 | 979.000 m | | |
| 0000082 | 0000081 | 44 | 0.03320 | | | 0.03320 | 656.000 m | | |
| 0000081 | 005G0306 | | | 199 | -0.88380 | 0.88380 | 437.000 m | | |
| 005G0306 | 005G0288 | 200 | -0.13960 | | | -0.13960 | 898.500 m | | |
| 005G0288 | 005G0245 | 187 | -0.10280 | | | -0.10280 | 864.500 m | | |
| 005G0245 | 0000076 | 156 | -1.03610 | | | -1.03610 | 332.500 m | | |
| 0000076 | 005G0246 | 38 | 0.89590 | | | 0.89590 | 544.500 m | | |
| 005G0246 | 0000111 | | | 54 | 1.43880 | -1.43880 | 228.000 m | | |
| 0000111 | 0099125 | 55 | 1.01400 | | | 1.01400 | 251.000 m | | |
| 0099125 | 0000102 | 215 | 0.13110 | | | 0.13110 | 50.000 m | | |
| 0000102 | 0000103 | 48 | -0.03370 | | | -0.03370 | 36.000 m | | |
| 0000103 | 0099126 | | | 216 | 0.12140 | -0.12140 | 82.500 m | | |
| 0099126 | 0000101 | | | 47 | -0.01930 | 0.01930 | 192.000 m | | |
| 0000101 | 005G0263 | | | 172 | -0.54720 | 0.54720 | 504.000 m | | |

Totale traject lengte 9958.500 m
 Tolerantie 0.01039 m
 Sluitfout Hoogte -0.00140 m W-toets -0.44
 -0.44 sqrt(km)

Bijlage 4 Resultaten eerste fase vereffening

MOVE3 Versie 4.0.4

Verkenning en Vereffening van Geodetische Netwerken

www.MOVE3.nl

(c) 1993-2010 Grontmij

405630-Barradeel -Barradeel II_Leeuwarden West 2015

01-12-2015 09:01:15

1D pseudo kleinste kwadraten netwerk -- Projectie : RD -- Ellipsoide : Bessel 1841

PROJECT

R:\00405000\00405630\Data&Beheer\Waterpasing\3_Verwerking\20151125-Eind\405630F (20151130 - 1141).prj

STATIONS

| | |
|--|-----|
| Aantal (gedeeltelijk) bekende stations | 1 |
| Aantal onbekende stations | 348 |
| Totaal | 349 |

WAARNEMINGEN

| | |
|---------------------|-----|
| Hoogteverschillen | 386 |
| Bekende coördinaten | 1 |
| Totaal | 387 |

ONBEKENDEN

| | |
|-------------|-----|
| Coördinaten | 349 |
| Totaal | 349 |

| | |
|--------------------|----|
| Aantal voorwaarden | 38 |
|--------------------|----|

VEREFFENING

| | |
|---|----------|
| Aantal iteraties | 1 |
| Max coord correctie in laatste iteratie | 0.0000 m |

TOETSING

| | |
|--|--------------------|
| Alfa (meer dimensionaal) | 0.2081 |
| Alfa 0 (een dimensionaal) | 0.0010 |
| Beta | 0.80 |
| Kritieke waarde W-toets | 3.29 |
| Kritieke waarde T-toets (3 dimensionaal) | 4.24 |
| Kritieke waarde T-toets (2 dimensionaal) | 5.91 |
| Kritieke waarde F-toets | 1.18 |
| F-toets | 0.296 geaccepteerd |

VARIANTIE COMPONENT ANALYSE

| | Variantie | Redundantie |
|---------------------|-----------|-------------|
| Terrestrisch | 0.296 | 38.0 |
| Hoogteverschillen | 0.296 | 38.0 |
| Bekende coördinaten | 0.000 | 0.0 |

PROJECTIE EN ELLIPSOIDE CONSTANTEN

| | |
|-------------------------------------|------------------|
| Projectie | RD |
| Lengte oorsprong/centrale meridiaan | 5 23 15.50000 O |
| Breedte oorsprong | 52 09 22.17800 N |
| Projectie schaalfactor | 0.999907900 |
| Translatie Oost | 155000.0000 m |
| Translatie Noord | 463000.0000 m |
| Ellipsoide | Bessel 1841 |
| Halve lange as | 6377397.1550 m |
| Inverse afplatting | 299.152812800 |

INVOER BENADERDE TERRESTRISCHE COÖRDINATEN

| Station | X Oost (m) | Y Noord (m) | Hoogte (m) | Id.Sa XY (m) | Id.Sa h (m) |
|---------|-------------|-------------|------------|--------------|-------------|
| 0000001 | 160514.0000 | 580010.0000 | 0.5060 | 0.0000 | 0.0000 |
| 0000002 | 160542.0000 | 579965.0000 | 0.6353 | 0.0000 | 0.0000 |
| 0000008 | 162196.7700 | 580386.0300 | 0.9495 | 0.0000 | 0.0000 |
| 0000009 | 162266.0100 | 580914.7600 | 0.7243 | 0.0000 | 0.0000 |
| 0000010 | 158500.4200 | 580307.5300 | 0.9902 | 0.0000 | 0.0000 |
| 0000011 | 158810.4300 | 580870.5300 | 1.3122 | 0.0000 | 0.0000 |
| 0000012 | 159313.9100 | 581609.5500 | 1.3455 | 0.0000 | 0.0000 |
| 0000013 | 160060.9900 | 582142.2400 | 1.2677 | 0.0000 | 0.0000 |
| 0000014 | 158861.8800 | 580019.5700 | 2.0974 | 0.0000 | 0.0000 |
| 0000015 | 159203.2300 | 579347.3000 | 1.9602 | 0.0000 | 0.0000 |
| 0000016 | 161006.2300 | 581257.0900 | 0.4393 | 0.0000 | 0.0000 |
| 0000017 | 160702.5100 | 581826.1600 | 1.2016 | 0.0000 | 0.0000 |
| 0000020 | 159582.1800 | 577893.6500 | -0.9984 | 0.0000 | 0.0000 |
| 0000021 | 160107.2200 | 578341.5600 | 0.7299 | 0.0000 | 0.0000 |
| 0000022 | 159605.8500 | 577485.9900 | 0.0908 | 0.0000 | 0.0000 |

| | | | | | |
|---------|-------------|-------------|---------|--------|--------|
| 0000023 | 160113.3600 | 578534.2900 | -0.0554 | 0.0000 | 0.0000 |
| 0000024 | 160366.3900 | 579281.6800 | -0.7869 | 0.0000 | 0.0000 |
| 0000027 | 161193.6500 | 580181.1600 | 0.1485 | 0.0000 | 0.0000 |
| 0000028 | 160961.4500 | 580024.8700 | 0.3132 | 0.0000 | 0.0000 |
| 0000029 | 158160.0400 | 579092.2000 | 0.7939 | 0.0000 | 0.0000 |
| 0000030 | 158612.1400 | 579819.9800 | 1.3914 | 0.0000 | 0.0000 |
| 0000032 | 160661.7100 | 582822.3400 | -0.0633 | 0.0000 | 0.0000 |
| 0000033 | 160400.0800 | 579735.4100 | -0.6799 | 0.0000 | 0.0000 |
| 0000035 | 160334.6600 | 579476.2200 | -0.4683 | 0.0000 | 0.0000 |
| 0000036 | 160516.9200 | 580297.9300 | -0.0810 | 0.0000 | 0.0000 |
| 0000040 | 158264.8900 | 576408.1700 | 0.7795 | 0.0000 | 0.0000 |
| 0000041 | 157771.3100 | 576407.3100 | 0.8642 | 0.0000 | 0.0000 |
| 0000042 | 161434.3800 | 583687.1200 | 1.4188 | 0.0000 | 0.0000 |
| 0000045 | 157682.1400 | 578237.0300 | 5.5789 | 0.0000 | 0.0000 |
| 0000046 | 157517.2600 | 577812.1800 | 6.1403 | 0.0000 | 0.0000 |
| 0000047 | 157157.4600 | 577450.1300 | 2.9367 | 0.0000 | 0.0000 |
| 0000049 | 164169.0000 | 582269.6400 | -0.8261 | 0.0000 | 0.0000 |
| 0000050 | 164198.7800 | 581303.3200 | 0.6717 | 0.0000 | 0.0000 |
| 0000051 | 163835.2000 | 581110.8500 | -0.8272 | 0.0000 | 0.0000 |
| 0000052 | 163458.6300 | 580499.9300 | 0.8718 | 0.0000 | 0.0000 |
| 0000053 | 163261.1400 | 581315.3400 | -0.2375 | 0.0000 | 0.0000 |
| 0000055 | 162747.2500 | 582691.1500 | -0.6163 | 0.0000 | 0.0000 |
| 0000056 | 160787.4700 | 581624.8200 | 1.0580 | 0.0000 | 0.0000 |
| 0000062 | 159446.3500 | 579718.6700 | 1.4948 | 0.0000 | 0.0000 |
| 0000063 | 160588.6800 | 579874.0000 | 1.0011 | 0.0000 | 0.0000 |
| 0000065 | 158406.1900 | 576894.4200 | 0.7731 | 0.0000 | 0.0000 |
| 0000066 | 164529.8000 | 581341.9900 | 0.5032 | 0.0000 | 0.0000 |
| 0000067 | 163771.7100 | 581917.5900 | 0.7851 | 0.0000 | 0.0000 |
| 0000070 | 162054.7000 | 579394.0400 | -0.6362 | 0.0000 | 0.0000 |
| 0000071 | 162871.6900 | 580714.8400 | 0.4710 | 0.0000 | 0.0000 |
| 0000072 | 163332.8100 | 581011.6400 | -0.1960 | 0.0000 | 0.0000 |
| 0000073 | 163092.0500 | 581833.4800 | 0.4620 | 0.0000 | 0.0000 |
| 0000074 | 163690.2600 | 581595.9900 | -0.2693 | 0.0000 | 0.0000 |
| 0000075 | 161774.3200 | 579349.1200 | -0.3733 | 0.0000 | 0.0000 |
| 0000076 | 166537.2600 | 582424.0500 | -0.4391 | 0.0000 | 0.0000 |
| 0000077 | 165731.5200 | 578534.4500 | 0.4438 | 0.0000 | 0.0000 |
| 0000078 | 161867.7700 | 579032.0800 | -0.6161 | 0.0000 | 0.0000 |
| 0000079 | 169780.0000 | 583170.0000 | -0.0555 | 0.0000 | 0.0000 |
| 0000081 | 167870.0000 | 582875.0000 | -0.0458 | 0.0000 | 0.0000 |
| 0000082 | 167480.0000 | 583398.0000 | -0.0790 | 0.0000 | 0.0000 |
| 0000084 | 169780.0000 | 583210.0000 | -0.0041 | 0.0000 | 0.0000 |
| 0000086 | 160660.0000 | 579990.0000 | -0.7500 | 0.0000 | 0.0000 |
| 0000101 | 166235.0000 | 582193.0000 | 0.0273 | 0.0000 | 0.0000 |
| 0000102 | 166412.0000 | 582066.0000 | 0.1631 | 0.0000 | 0.0000 |
| 0000103 | 166428.0000 | 582041.0000 | 0.1294 | 0.0000 | 0.0000 |
| 0000104 | 163246.0000 | 581360.0000 | 0.0314 | 0.0000 | 0.0000 |
| 0000105 | 163244.0000 | 581370.0000 | 0.1304 | 0.0000 | 0.0000 |
| 0000106 | 163242.0000 | 581380.0000 | -0.0486 | 0.0000 | 0.0000 |
| 0000107 | 157028.6800 | 576736.0500 | 1.6690 | 0.0000 | 0.0000 |
| 0000110 | 161339.9400 | 580535.6200 | 1.5616 | 0.0000 | 0.0000 |
| 0000111 | 166546.3965 | 582029.8950 | -0.9820 | 0.0000 | 0.0000 |
| 0000112 | 166332.0555 | 581850.1315 | -0.9589 | 0.0000 | 0.0000 |
| 0000113 | 166110.5545 | 581635.1770 | -0.1490 | 0.0000 | 0.0000 |
| 0000910 | 161571.0000 | 575247.0000 | 1.1385 | 0.0000 | 0.0000 |
| 0000992 | 166180.0000 | 577877.0000 | 1.2981 | 0.0000 | 0.0000 |
| 0000993 | 160400.0000 | 579200.0000 | -0.6386 | 0.0000 | 0.0000 |
| 0000998 | 158490.0000 | 577246.0000 | 2.7512 | 0.0000 | 0.0000 |
| 0003001 | 163225.0000 | 578909.0000 | 1.2109 | 0.0000 | 0.0000 |
| 0003003 | 162386.0000 | 577465.0000 | 0.9189 | 0.0000 | 0.0000 |
| 0003005 | 162817.0000 | 578290.0000 | 0.2750 | 0.0000 | 0.0000 |
| 0003006 | 162722.0000 | 578044.0000 | 0.1470 | 0.0000 | 0.0000 |
| 0003010 | 163175.0000 | 575427.0000 | 0.9126 | 0.0000 | 0.0000 |
| 0003017 | 163370.0000 | 579160.0000 | 0.4524 | 0.0000 | 0.0000 |
| 0003018 | 162750.0000 | 578010.0000 | 0.1811 | 0.0000 | 0.0000 |
| 0003019 | 162690.0000 | 577830.0000 | 0.4798 | 0.0000 | 0.0000 |
| 0003021 | 163987.6400 | 578302.9400 | 0.5825 | 0.0000 | 0.0000 |
| 0003022 | 164130.0000 | 578320.0000 | 0.7129 | 0.0000 | 0.0000 |
| 0003023 | 164980.0000 | 578910.0000 | 0.9885 | 0.0000 | 0.0000 |
| 0003024 | 162120.0000 | 578350.0000 | 0.7831 | 0.0000 | 0.0000 |
| 0003025 | 167867.9000 | 576816.0600 | 0.8763 | 0.0000 | 0.0000 |
| 0003026 | 162123.1600 | 578336.3200 | 0.1483 | 0.0000 | 0.0000 |
| 0003027 | 162146.6500 | 578333.5400 | 0.1931 | 0.0000 | 0.0000 |
| 0003028 | 162873.4500 | 578308.2300 | -0.2290 | 0.0000 | 0.0000 |
| 0003029 | 163333.5900 | 578325.8200 | -0.7317 | 0.0000 | 0.0000 |
| 0003030 | 163349.5000 | 578322.3200 | 0.4451 | 0.0000 | 0.0000 |
| 0003031 | 163738.9800 | 578355.5100 | -0.3604 | 0.0000 | 0.0000 |
| 0003032 | 164021.1200 | 578252.4300 | -0.1556 | 0.0000 | 0.0000 |
| 0003033 | 164036.7400 | 578254.8200 | -0.0216 | 0.0000 | 0.0000 |
| 0003034 | 162000.0000 | 577750.0000 | 0.9160 | 0.0000 | 0.0000 |
| 0003035 | 162030.0000 | 578210.0000 | 0.6672 | 0.0000 | 0.0000 |
| 0003036 | 162030.0000 | 578220.0000 | 0.6188 | 0.0000 | 0.0000 |
| 0003037 | 167969.0800 | 576741.2900 | 1.2087 | 0.0000 | 0.0000 |
| 0003038 | 167843.4500 | 576856.4700 | 0.6226 | 0.0000 | 0.0000 |
| 0003039 | 164030.0000 | 578250.0000 | 0.1452 | 0.0000 | 0.0000 |
| 0003040 | 169411.0000 | 578653.3100 | 0.7558 | 0.0000 | 0.0000 |
| 0003041 | 165554.0100 | 576152.8100 | 1.1768 | 0.0000 | 0.0000 |
| 0003042 | 157202.8900 | 577277.1000 | 4.1850 | 0.0000 | 0.0000 |
| 0003043 | 167497.9800 | 579654.6000 | -0.0058 | 0.0000 | 0.0000 |
| 0003044 | 166470.5100 | 577856.2600 | 0.8325 | 0.0000 | 0.0000 |
| 0003045 | 164020.0000 | 577900.0000 | 0.6070 | 0.0000 | 0.0000 |
| 0004011 | 161873.6000 | 583912.3500 | 9.4546 | 0.0000 | 0.0000 |
| 0004012 | 161890.6500 | 583890.6700 | 1.3689 | 0.0000 | 0.0000 |

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|--------|----------|-------------|-------------|---------|--------|--------|
| | 0004013 | 161939.3500 | 583836.2100 | 1.2726 | 0.0000 | 0.0000 |
| | 0004021 | 159119.4500 | 581459.3200 | 9.5182 | 0.0000 | 0.0000 |
| | 0004022 | 159139.3800 | 581449.3200 | 1.2454 | 0.0000 | 0.0000 |
| | 0004023 | 159169.1300 | 581418.7400 | 0.0164 | 0.0000 | 0.0000 |
| | 0004031 | 158004.5300 | 579298.3600 | 9.5879 | 0.0000 | 0.0000 |
| | 0004032 | 158029.1500 | 579286.8700 | 1.2397 | 0.0000 | 0.0000 |
| | 0004033 | 158031.7800 | 579189.3100 | 0.0264 | 0.0000 | 0.0000 |
| | 0004041 | 163807.1900 | 585271.5900 | 9.1850 | 0.0000 | 0.0000 |
| | 0004042 | 163813.1400 | 585245.8200 | 1.2482 | 0.0000 | 0.0000 |
| | 0004043 | 163828.8900 | 585205.7800 | 0.2760 | 0.0000 | 0.0000 |
| | 0098120 | 162990.0000 | 577430.0000 | 0.8990 | 0.0000 | 0.0000 |
| | 0098121 | 162770.0000 | 577410.0000 | 0.8992 | 0.0000 | 0.0000 |
| | 0098123 | 162960.0000 | 577400.0000 | 0.8993 | 0.0000 | 0.0000 |
| | 0098125 | 165560.0000 | 577480.0000 | 0.8835 | 0.0000 | 0.0000 |
| | 0098126 | 161810.0000 | 578470.0000 | 0.6261 | 0.0000 | 0.0000 |
| | 0099001 | 170000.0000 | 583000.0000 | 0.5218 | 0.0000 | 0.0000 |
| | 0099002 | 163820.0000 | 585230.0000 | 1.6313 | 0.0000 | 0.0000 |
| | 0099101 | 158200.0000 | 577600.0000 | 5.6183 | 0.0000 | 0.0000 |
| | 0099102 | 158220.0000 | 577800.0000 | 5.6149 | 0.0000 | 0.0000 |
| | 0099103 | 157200.0000 | 577350.0000 | 2.8469 | 0.0000 | 0.0000 |
| | 0099104 | 160000.0000 | 576500.0000 | 0.4818 | 0.0000 | 0.0000 |
| | 0099110 | 158120.0000 | 579300.0000 | 1.4475 | 0.0000 | 0.0000 |
| | 0099111 | 159170.0000 | 581480.0000 | 1.4139 | 0.0000 | 0.0000 |
| | 0099112 | 161880.0000 | 583930.0000 | 1.5239 | 0.0000 | 0.0000 |
| | 0099113 | 159750.0000 | 577400.0000 | 1.0627 | 0.0000 | 0.0000 |
| | 0099114 | 163760.0000 | 579180.0000 | -0.1714 | 0.0000 | 0.0000 |
| | 0099115 | 163780.0000 | 579190.0000 | -0.1908 | 0.0000 | 0.0000 |
| | 0099116 | 167850.0000 | 576900.0000 | 0.0393 | 0.0000 | 0.0000 |
| | 0099117 | 167990.0000 | 576650.0000 | 0.9794 | 0.0000 | 0.0000 |
| | 0099119 | 165700.0000 | 577250.0000 | 0.6833 | 0.0000 | 0.0000 |
| | 0099120 | 165680.0000 | 583980.0000 | 1.2559 | 0.0000 | 0.0000 |
| | 0099121 | 165680.0000 | 583940.0000 | 1.2219 | 0.0000 | 0.0000 |
| | 0099124 | 160510.0000 | 580200.0000 | 0.4109 | 0.0000 | 0.0000 |
| | 0099125 | 166420.0000 | 582200.0000 | 0.0320 | 0.0000 | 0.0000 |
| | 0099126 | 166430.0000 | 582200.0000 | 0.0080 | 0.0000 | 0.0000 |
| | 0099127 | 163960.0000 | 579030.0000 | 1.0266 | 0.0000 | 0.0000 |
| | 000A2748 | 159820.0000 | 577420.0000 | 0.1756 | 0.0000 | 0.0000 |
| | 000A2750 | 162134.9000 | 578338.2100 | -0.0356 | 0.0000 | 0.0000 |
| | 000A2752 | 162390.0000 | 577240.0000 | -0.1830 | 0.0000 | 0.0000 |
| | 000A2754 | 164031.8900 | 578256.3300 | -0.2161 | 0.0000 | 0.0000 |
| | 000A2756 | 165150.0000 | 576640.0000 | -0.1960 | 0.0000 | 0.0000 |
| | 000A2758 | 168340.0000 | 577120.0000 | -0.4148 | 0.0000 | 0.0000 |
| | 000A2760 | 169295.0000 | 578595.0000 | 0.2840* | 0.0000 | 0.0000 |
| bekend | | | | | | |
| | 000A2761 | 163340.1800 | 578320.3600 | -0.4334 | 0.0000 | 0.0000 |
| | 000A2894 | 163231.0000 | 581413.0000 | -0.2966 | 0.0000 | 0.0000 |
| | 000A4020 | 156613.0400 | 576552.1900 | 6.9872 | 0.0000 | 0.0000 |
| | 005D0003 | 156837.8900 | 576063.3500 | 3.4000 | 0.0000 | 0.0000 |
| | 005D0004 | 157119.9800 | 576281.4000 | 1.7230 | 0.0000 | 0.0000 |
| | 005D0005 | 157186.5400 | 576478.2300 | 2.0132 | 0.0000 | 0.0000 |
| | 005D0007 | 157302.5300 | 576983.1600 | 2.1154 | 0.0000 | 0.0000 |
| | 005D0012 | 159006.8400 | 577253.4100 | 2.6547 | 0.0000 | 0.0000 |
| | 005D0015 | 158756.5300 | 578750.9700 | 0.8156 | 0.0000 | 0.0000 |
| | 005D0017 | 158794.9100 | 579657.2700 | 1.0098 | 0.0000 | 0.0000 |
| | 005D0034 | 159309.0400 | 579595.7500 | 1.9718 | 0.0000 | 0.0000 |
| | 005D0037 | 157116.9300 | 576123.5600 | 2.6981 | 0.0000 | 0.0000 |
| | 005D0040 | 159818.1200 | 578577.5700 | 0.3953 | 0.0000 | 0.0000 |
| | 005D0053 | 159612.3800 | 580902.7600 | 1.6677 | 0.0000 | 0.0000 |
| | 005D0056 | 159061.6800 | 580263.8300 | 1.3552 | 0.0000 | 0.0000 |
| | 005D0057 | 158017.9600 | 579193.7600 | 0.8135 | 0.0000 | 0.0000 |
| | 005D0059 | 159710.7400 | 577441.3900 | 1.7884 | 0.0000 | 0.0000 |
| | 005D0064 | 159950.0000 | 576630.0000 | 0.4891 | 0.0000 | 0.0000 |
| | 005D0066 | 157760.4000 | 577159.9800 | 2.2569 | 0.0000 | 0.0000 |
| | 005D0067 | 158484.5000 | 577539.9500 | 0.9577 | 0.0000 | 0.0000 |
| | 005D0069 | 156720.0000 | 576060.0000 | 3.9620 | 0.0000 | 0.0000 |
| | 005D0070 | 158210.0000 | 577760.0000 | 5.4744 | 0.0000 | 0.0000 |
| | 005D0072 | 156634.4300 | 576572.4200 | 6.1323 | 0.0000 | 0.0000 |
| | 005D0074 | 158614.0100 | 578078.8600 | 1.0482 | 0.0000 | 0.0000 |
| | 005D0081 | 156617.1600 | 576559.6100 | 6.4615 | 0.0000 | 0.0000 |
| | 005D0082 | 158477.8700 | 577002.9700 | 0.6535 | 0.0000 | 0.0000 |
| | 005D0083 | 158030.0000 | 578820.0000 | 4.7936 | 0.0000 | 0.0000 |
| | 005D0084 | 159600.0000 | 579100.0000 | 2.0618 | 0.0000 | 0.0000 |
| | 005D0087 | 158550.0000 | 578050.0000 | 4.9635 | 0.0000 | 0.0000 |
| | 005D0088 | 159600.0000 | 579100.0000 | 2.0428 | 0.0000 | 0.0000 |
| | 005D0089 | 159550.0000 | 577010.0000 | 0.4683 | 0.0000 | 0.0000 |
| | 005G0001 | 165340.0000 | 575220.0000 | 0.5240 | 0.0000 | 0.0000 |
| | 005G0004 | 162250.0000 | 576750.0000 | 0.6656 | 0.0000 | 0.0000 |
| | 005G0007 | 161408.3500 | 577505.8600 | -0.2535 | 0.0000 | 0.0000 |
| | 005G0008 | 162220.0000 | 577480.0000 | 1.5678 | 0.0000 | 0.0000 |
| | 005G0010 | 163490.0000 | 577510.0000 | 0.8801 | 0.0000 | 0.0000 |
| | 005G0018 | 165319.3700 | 578945.1400 | 0.6884 | 0.0000 | 0.0000 |
| | 005G0019 | 165240.0000 | 578000.0000 | 1.6927 | 0.0000 | 0.0000 |
| | 005G0020 | 167680.0000 | 578280.0000 | 1.5574 | 0.0000 | 0.0000 |
| | 005G0021 | 169110.0000 | 578510.0000 | 0.9839 | 0.0000 | 0.0000 |
| | 005G0028 | 160020.3600 | 580120.9900 | 1.1102 | 0.0000 | 0.0000 |
| | 005G0032 | 165362.7500 | 580215.7900 | 0.9625 | 0.0000 | 0.0000 |
| | 005G0033 | 165530.5700 | 580158.4700 | 2.5666 | 0.0000 | 0.0000 |
| | 005G0034 | 166436.2800 | 580513.8800 | 1.1976 | 0.0000 | 0.0000 |
| | 005G0035 | 166945.6500 | 580983.8400 | 2.9780 | 0.0000 | 0.0000 |
| | 005G0036 | 160790.0000 | 581620.0000 | 1.0907 | 0.0000 | 0.0000 |
| | 005G0038 | 160909.6900 | 581003.4200 | 3.8366 | 0.0000 | 0.0000 |
| | 005G0039 | 161419.5700 | 581534.7400 | 0.9890 | 0.0000 | 0.0000 |

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|----------|-------------|-------------|---------|--------|--------|
| 005G0040 | 161500.1600 | 581375.7000 | 2.7929 | 0.0000 | 0.0000 |
| 005G0043 | 164400.0000 | 581490.0000 | 1.0265 | 0.0000 | 0.0000 |
| 005G0045 | 168530.0000 | 581850.0000 | 2.7172 | 0.0000 | 0.0000 |
| 005G0049 | 162989.8100 | 582334.8600 | 0.8007 | 0.0000 | 0.0000 |
| 005G0052 | 163260.0000 | 583040.0000 | 2.1959 | 0.0000 | 0.0000 |
| 005G0053 | 164498.5900 | 583276.5300 | 2.0051 | 0.0000 | 0.0000 |
| 005G0054 | 165443.8300 | 583386.2600 | 3.7007 | 0.0000 | 0.0000 |
| 005G0057 | 165251.4500 | 583998.5000 | 1.8514 | 0.0000 | 0.0000 |
| 005G0063 | 163336.1800 | 584071.9600 | 1.7918 | 0.0000 | 0.0000 |
| 005G0065 | 164768.4700 | 584964.2400 | 0.7956 | 0.0000 | 0.0000 |
| 005G0072 | 169230.0000 | 585260.0000 | 1.3165 | 0.0000 | 0.0000 |
| 005G0090 | 165030.0000 | 575340.0000 | 0.7804 | 0.0000 | 0.0000 |
| 005G0091 | 166350.0000 | 576880.0000 | 0.5863 | 0.0000 | 0.0000 |
| 005G0092 | 165324.0300 | 581648.9400 | 1.3540 | 0.0000 | 0.0000 |
| 005G0093 | 165832.9500 | 582313.1600 | 0.9868 | 0.0000 | 0.0000 |
| 005G0097 | 168155.6300 | 585347.9400 | 1.9213 | 0.0000 | 0.0000 |
| 005G0101 | 160970.0000 | 575550.0000 | 1.0033 | 0.0000 | 0.0000 |
| 005G0102 | 162400.0000 | 575270.0000 | 0.6940 | 0.0000 | 0.0000 |
| 005G0108 | 165850.0000 | 576170.0000 | 1.0372 | 0.0000 | 0.0000 |
| 005G0109 | 165780.0000 | 577390.0000 | 1.5248 | 0.0000 | 0.0000 |
| 005G0110 | 165420.0000 | 577830.0000 | 1.8036 | 0.0000 | 0.0000 |
| 005G0111 | 166020.0000 | 577840.0000 | 1.2876 | 0.0000 | 0.0000 |
| 005G0112 | 166740.0000 | 578020.0000 | 0.8075 | 0.0000 | 0.0000 |
| 005G0113 | 165072.2200 | 581067.1000 | 0.5056 | 0.0000 | 0.0000 |
| 005G0115 | 165346.6600 | 583343.9400 | 1.3021 | 0.0000 | 0.0000 |
| 005G0117 | 168385.3800 | 584772.0800 | 1.5197 | 0.0000 | 0.0000 |
| 005G0118 | 163774.3000 | 585190.4700 | 1.9612 | 0.0000 | 0.0000 |
| 005G0122 | 162861.8000 | 584577.3500 | 0.1801 | 0.0000 | 0.0000 |
| 005G0125 | 162980.0000 | 577420.0000 | 1.2375 | 0.0000 | 0.0000 |
| 005G0126 | 164600.0000 | 577490.0000 | 1.2054 | 0.0000 | 0.0000 |
| 005G0127 | 165250.0000 | 578450.0000 | 0.9142 | 0.0000 | 0.0000 |
| 005G0129 | 160391.0100 | 580569.7000 | 0.4633 | 0.0000 | 0.0000 |
| 005G0132 | 161898.2500 | 583866.2000 | 0.9099 | 0.0000 | 0.0000 |
| 005G0135 | 165593.0600 | 582780.2300 | 1.5004 | 0.0000 | 0.0000 |
| 005G0138 | 169160.0000 | 579220.0000 | 1.0021 | 0.0000 | 0.0000 |
| 005G0140 | 166120.0000 | 579600.0000 | 0.4365 | 0.0000 | 0.0000 |
| 005G0142 | 163770.6000 | 579171.8800 | 0.7738 | 0.0000 | 0.0000 |
| 005G0143 | 163360.0000 | 579150.0000 | 0.4692 | 0.0000 | 0.0000 |
| 005G0145 | 162174.5000 | 578522.0800 | 0.1317 | 0.0000 | 0.0000 |
| 005G0154 | 163993.5700 | 584471.7500 | 2.0251 | 0.0000 | 0.0000 |
| 005G0155 | 162915.9300 | 583734.7800 | 1.1964 | 0.0000 | 0.0000 |
| 005G0158 | 168270.0000 | 579570.0000 | 1.5644 | 0.0000 | 0.0000 |
| 005G0160 | 164409.6200 | 581486.9900 | 0.9305 | 0.0000 | 0.0000 |
| 005G0161 | 164244.7700 | 582574.1600 | 1.1137 | 0.0000 | 0.0000 |
| 005G0164 | 160223.7400 | 581415.3200 | 1.3216 | 0.0000 | 0.0000 |
| 005G0165 | 160120.0000 | 575510.0000 | 0.2410 | 0.0000 | 0.0000 |
| 005G0167 | 160973.3000 | 578730.4100 | 0.5974 | 0.0000 | 0.0000 |
| 005G0168 | 162042.8400 | 579124.8900 | 0.3449 | 0.0000 | 0.0000 |
| 005G0170 | 167000.0000 | 576140.0000 | 1.0752 | 0.0000 | 0.0000 |
| 005G0177 | 167840.0000 | 576580.0000 | 1.4759 | 0.0000 | 0.0000 |
| 005G0179 | 161827.8000 | 578471.8700 | 0.2706 | 0.0000 | 0.0000 |
| 005G0180 | 163944.0500 | 579035.5000 | 0.6144 | 0.0000 | 0.0000 |
| 005G0182 | 166100.0000 | 579400.0000 | 2.9740 | 0.0000 | 0.0000 |
| 005G0183 | 167723.9800 | 579313.3300 | 0.9090 | 0.0000 | 0.0000 |
| 005G0184 | 169150.0000 | 578970.0000 | 1.4935 | 0.0000 | 0.0000 |
| 005G0187 | 162734.7600 | 580702.5600 | 0.2957 | 0.0000 | 0.0000 |
| 005G0189 | 161767.7100 | 581747.0400 | 0.8969 | 0.0000 | 0.0000 |
| 005G0194 | 168630.0000 | 578490.0000 | 1.0594 | 0.0000 | 0.0000 |
| 005G0195 | 165420.0000 | 577580.0000 | 1.4465 | 0.0000 | 0.0000 |
| 005G0196 | 166100.0000 | 578270.0000 | 1.2122 | 0.0000 | 0.0000 |
| 005G0197 | 165242.0200 | 578600.5300 | 0.8042 | 0.0000 | 0.0000 |
| 005G0199 | 165800.0000 | 577260.0000 | 0.8014 | 0.0000 | 0.0000 |
| 005G0200 | 161219.7200 | 578883.9300 | 1.2840 | 0.0000 | 0.0000 |
| 005G0201 | 163390.0000 | 579350.0000 | 0.3746 | 0.0000 | 0.0000 |
| 005G0204 | 163820.0000 | 577570.0000 | 0.7798 | 0.0000 | 0.0000 |
| 005G0205 | 162029.4800 | 577523.6100 | 1.2351 | 0.0000 | 0.0000 |
| 005G0206 | 160695.5600 | 577453.7700 | 0.9861 | 0.0000 | 0.0000 |
| 005G0207 | 160010.0000 | 576450.0000 | 2.4333 | 0.0000 | 0.0000 |
| 005G0208 | 160650.0000 | 575470.0000 | 0.9001 | 0.0000 | 0.0000 |
| 005G0209 | 164640.0000 | 575350.0000 | -0.2997 | 0.0000 | 0.0000 |
| 005G0210 | 165160.0000 | 576920.0000 | 1.8408 | 0.0000 | 0.0000 |
| 005G0212 | 169290.0000 | 577800.0000 | 0.8643 | 0.0000 | 0.0000 |
| 005G0213 | 168900.0000 | 577580.0000 | 0.4297 | 0.0000 | 0.0000 |
| 005G0214 | 168120.0000 | 577250.0000 | 0.9779 | 0.0000 | 0.0000 |
| 005G0216 | 169680.0000 | 578140.0000 | 1.1559 | 0.0000 | 0.0000 |
| 005G0218 | 164700.0000 | 578870.0000 | 0.6985 | 0.0000 | 0.0000 |
| 005G0219 | 162188.9600 | 578388.7400 | 0.9040 | 0.0000 | 0.0000 |
| 005G0220 | 161620.0000 | 575890.0000 | 0.9380 | 0.0000 | 0.0000 |
| 005G0221 | 162440.2300 | 582446.3800 | -0.1262 | 0.0000 | 0.0000 |
| 005G0223 | 168950.0000 | 584260.0000 | 0.6808 | 0.0000 | 0.0000 |
| 005G0224 | 168310.0000 | 582420.0000 | -0.0997 | 0.0000 | 0.0000 |
| 005G0227 | 163472.3100 | 579371.1100 | 0.8014 | 0.0000 | 0.0000 |
| 005G0228 | 161880.4500 | 580910.8500 | 0.3568 | 0.0000 | 0.0000 |
| 005G0230 | 165693.1700 | 583453.9500 | 1.5607 | 0.0000 | 0.0000 |
| 005G0231 | 163968.2400 | 583142.8900 | 1.2657 | 0.0000 | 0.0000 |
| 005G0232 | 164357.8500 | 584684.4600 | 1.1326 | 0.0000 | 0.0000 |
| 005G0233 | 165311.6100 | 585255.4800 | 1.6750 | 0.0000 | 0.0000 |
| 005G0234 | 163820.0000 | 575480.0000 | 2.7883 | 0.0000 | 0.0000 |
| 005G0235 | 161860.0000 | 576200.0000 | 0.0983 | 0.0000 | 0.0000 |
| 005G0236 | 166758.4000 | 585839.0100 | 1.0802 | 0.0000 | 0.0000 |
| 005G0239 | 161900.0000 | 583870.0000 | 1.6841 | 0.0000 | 0.0000 |
| 005G0242 | 166928.1600 | 584170.9800 | 1.9986 | 0.0000 | 0.0000 |

| | | | | | |
|----------|-------------|-------------|---------|--------|--------|
| 005G0243 | 165976.6700 | 583618.7500 | 1.4570 | 0.0000 | 0.0000 |
| 005G0244 | 166067.7800 | 583436.9900 | 0.8452 | 0.0000 | 0.0000 |
| 005G0245 | 166713.4000 | 582628.5100 | 0.5956 | 0.0000 | 0.0000 |
| 005G0246 | 166700.6400 | 582061.2700 | 0.4568 | 0.0000 | 0.0000 |
| 005G0247 | 166565.8900 | 581485.2000 | 0.9032 | 0.0000 | 0.0000 |
| 005G0248 | 166880.5300 | 580752.1900 | 0.5345 | 0.0000 | 0.0000 |
| 005G0249 | 166882.3400 | 580426.6700 | 0.9266 | 0.0000 | 0.0000 |
| 005G0251 | 166639.5100 | 578481.8500 | -0.0135 | 0.0000 | 0.0000 |
| 005G0252 | 166066.1600 | 580272.4400 | 2.5966 | 0.0000 | 0.0000 |
| 005G0253 | 165674.0600 | 581986.5400 | 1.0251 | 0.0000 | 0.0000 |
| 005G0254 | 164303.8200 | 579034.5100 | 0.5539 | 0.0000 | 0.0000 |
| 005G0255 | 167371.6900 | 584201.4100 | 0.8910 | 0.0000 | 0.0000 |
| 005G0256 | 168602.1300 | 584919.0400 | 1.1491 | 0.0000 | 0.0000 |
| 005G0257 | 167981.9500 | 585773.7100 | -0.3207 | 0.0000 | 0.0000 |
| 005G0258 | 165306.6500 | 579320.9000 | 0.8379 | 0.0000 | 0.0000 |
| 005G0260 | 168710.0000 | 580950.0000 | -0.0612 | 0.0000 | 0.0000 |
| 005G0261 | 168300.0000 | 583150.0000 | 0.5281 | 0.0000 | 0.0000 |
| 005G0263 | 165853.7700 | 582260.3500 | 0.5745 | 0.0000 | 0.0000 |
| 005G0264 | 168000.0000 | 581300.0000 | 1.2414 | 0.0000 | 0.0000 |
| 005G0265 | 168700.0000 | 581930.0000 | 1.6400 | 0.0000 | 0.0000 |
| 005G0266 | 160323.8500 | 578678.8200 | 0.8486 | 0.0000 | 0.0000 |
| 005G0267 | 162927.9200 | 583750.1900 | 1.2269 | 0.0000 | 0.0000 |
| 005G0271 | 169210.0000 | 583650.0000 | -0.2557 | 0.0000 | 0.0000 |
| 005G0274 | 162380.0000 | 583300.0000 | 1.5825 | 0.0000 | 0.0000 |
| 005G0275 | 163460.0000 | 580090.0000 | 0.9041 | 0.0000 | 0.0000 |
| 005G0277 | 169270.0000 | 585142.0000 | 2.9524 | 0.0000 | 0.0000 |
| 005G0278 | 169380.0000 | 582350.0000 | 0.5603 | 0.0000 | 0.0000 |
| 005G0279 | 167530.0000 | 581180.0000 | 0.5874 | 0.0000 | 0.0000 |
| 005G0280 | 168890.0000 | 580350.0000 | 0.7967 | 0.0000 | 0.0000 |
| 005G0281 | 162670.0000 | 579040.0000 | 0.9391 | 0.0000 | 0.0000 |
| 005G0285 | 165650.0000 | 577500.0000 | 0.7424 | 0.0000 | 0.0000 |
| 005G0286 | 162820.0000 | 577060.0000 | 4.9311 | 0.0000 | 0.0000 |
| 005G0287 | 161700.0000 | 578550.0000 | -0.4706 | 0.0000 | 0.0000 |
| 005G0288 | 167150.0000 | 582150.0000 | 0.6984 | 0.0000 | 0.0000 |
| 005G0289 | 168850.0000 | 583500.0000 | 0.6695 | 0.0000 | 0.0000 |
| 005G0290 | 168880.0000 | 579920.0000 | 2.3117 | 0.0000 | 0.0000 |
| 005G0291 | 167850.0000 | 579490.0000 | 0.4437 | 0.0000 | 0.0000 |
| 005G0292 | 169100.0000 | 584700.0000 | 0.0668 | 0.0000 | 0.0000 |
| 005G0293 | 167250.0000 | 579130.0000 | 3.2092 | 0.0000 | 0.0000 |
| 005G0294 | 165550.0000 | 577480.0000 | 0.8487 | 0.0000 | 0.0000 |
| 005G0295 | 164380.0000 | 578450.0000 | 0.4348 | 0.0000 | 0.0000 |
| 005G0296 | 165140.0000 | 576650.0000 | 0.6214 | 0.0000 | 0.0000 |
| 005G0297 | 160963.0700 | 578678.6000 | -0.2551 | 0.0000 | 0.0000 |
| 005G0298 | 161650.4700 | 580834.7900 | 0.3543 | 0.0000 | 0.0000 |
| 005G0299 | 161687.0300 | 580482.7000 | 0.2223 | 0.0000 | 0.0000 |
| 005G0301 | 165155.2200 | 576541.9100 | 0.2289 | 0.0000 | 0.0000 |
| 005G0302 | 165648.3900 | 576447.8900 | 2.3691 | 0.0000 | 0.0000 |
| 005G0303 | 168350.0000 | 577110.0000 | 0.2602 | 0.0000 | 0.0000 |
| 005G0304 | 164457.2000 | 578930.8200 | 1.1748 | 0.0000 | 0.0000 |
| 005G0305 | 168500.0000 | 581650.0000 | 0.4184 | 0.0000 | 0.0000 |
| 005G0306 | 167750.0000 | 582650.0000 | 0.8380 | 0.0000 | 0.0000 |
| 005G0307 | 166000.0000 | 585540.0000 | 1.0785 | 0.0000 | 0.0000 |
| 005G0308 | 167450.0000 | 586000.0000 | 2.4618 | 0.0000 | 0.0000 |
| 005G0309 | 161690.0790 | 580275.0950 | 1.3831 | 0.0000 | 0.0000 |
| 005G0310 | 160138.1420 | 577392.6030 | 1.0289 | 0.0000 | 0.0000 |
| 005G0311 | 163069.8930 | 575658.5010 | 1.0569 | 0.0000 | 0.0000 |
| 005G0312 | 165226.9020 | 575615.4590 | 0.3647 | 0.0000 | 0.0000 |
| 005H0044 | 170140.0000 | 582700.0000 | 0.9074 | 0.0000 | 0.0000 |
| 005H0270 | 170540.0000 | 582800.0000 | 1.3948 | 0.0000 | 0.0000 |

INVOER STANDAARDAFWIJKINGEN VAN BEKENDE STATIONS

| Station | Sa X Oost (m) | Sa Y Noord (m) | Sa Hoogte (m) |
|----------|---------------|----------------|----------------|
| 000A2760 | | | 0.0010* bekend |

INVOER WAARNEMINGEN

| DH | Station | Richtpunt | St ih (m) | Rp ih (m) | Aflezing | Sa |
|----|---------|-----------|-----------|-----------|----------|-----------|
| DH | 0000001 | 0099124 | | | -0.09510 | 0.00029 m |
| DH | 0000002 | 0000001 | | | -0.12930 | 0.00023 m |
| DH | 0000008 | 005G0309 | | | 0.43360 | 0.00079 m |
| DH | 0000009 | 0000008 | | | 0.22390 | 0.00082 m |
| DH | 0000009 | 005G0187 | | | -0.42860 | 0.00073 m |
| DH | 0000009 | 005G0228 | | | -0.36750 | 0.00064 m |
| DH | 0000016 | 005G0036 | | | 0.65140 | 0.00076 m |
| DH | 0000016 | 005G0038 | | | 3.39730 | 0.00064 m |
| DH | 0000016 | 005G0039 | | | 0.54970 | 0.00078 m |
| DH | 0000017 | 0000013 | | | 0.06610 | 0.00092 m |
| DH | 0000024 | 0000035 | | | 0.31860 | 0.00045 m |
| DH | 0000027 | 0000110 | | | 1.41310 | 0.00070 m |
| DH | 0000028 | 0000027 | | | -0.16470 | 0.00058 m |
| DH | 0000028 | 0000086 | | | -1.06320 | 0.00045 m |
| DH | 0000032 | 0000013 | | | 1.33100 | 0.00096 m |
| DH | 0000033 | 0000063 | | | 1.68100 | 0.00054 m |
| DH | 0000035 | 0000033 | | | -0.21160 | 0.00057 m |
| DH | 0000036 | 005G0129 | | | 0.54430 | 0.00063 m |
| DH | 0000042 | 0000032 | | | -1.48210 | 0.00110 m |
| DH | 0000042 | 0099112 | | | 0.10510 | 0.00071 m |
| DH | 0000049 | 005G0161 | | | 1.93980 | 0.00061 m |
| DH | 0000050 | 0000051 | | | -1.49890 | 0.00072 m |
| DH | 0000053 | 0000072 | | | 0.04150 | 0.00057 m |
| DH | 0000055 | 005G0221 | | | 0.49010 | 0.00064 m |
| DH | 0000056 | 0000017 | | | 0.14360 | 0.00054 m |
| DH | 0000063 | 0000002 | | | -0.36580 | 0.00034 m |

| | | | | | |
|----|----------|----------|----------|-----------|-------|
| DH | 0000066 | 0000050 | 0.16940 | 0.00062 m | |
| DH | 0000066 | 005G0160 | 0.42730 | 0.00043 m | |
| DH | 0000067 | 0000073 | -0.32310 | 0.00085 m | |
| DH | 0000071 | 0000052 | 0.40080 | 0.00094 m | |
| DH | 0000072 | 0000052 | 1.06780 | 0.00073 m | |
| DH | 0000073 | 000A2894 | -0.75860 | 0.00068 m | |
| DH | 0000073 | 005G0049 | 0.33870 | 0.00072 m | |
| DH | 0000074 | 0000051 | -0.55790 | 0.00071 m | |
| DH | 0000074 | 0000067 | 1.05440 | 0.00059 m | |
| DH | 0000075 | 0000070 | -0.26290 | 0.00056 m | |
| DH | 0000075 | 005G0309 | 1.75640 | 0.00113 m | |
| DH | 0000076 | 005G0246 | 0.89590 | 0.00074 m | |
| DH | 0000077 | 005G0196 | 0.76840 | 0.00092 m | |
| DH | 0000078 | 005G0168 | 0.96100 | 0.00047 m | |
| DH | 0000078 | 005G0200 | 1.90010 | 0.00083 m | |
| DH | 0000079 | 005G0271 | -0.20020 | 0.00090 m | |
| DH | 0000081 | 005G0224 | -0.05390 | 0.00079 m | |
| DH | 0000082 | 0000081 | 0.03320 | 0.00081 m | |
| DH | 0000084 | 0000079 | -0.05140 | 0.00012 m | |
| DH | 0000086 | 0000063 | 1.75110 | 0.00047 m | |
| DH | 0000101 | 0099126 | -0.01930 | 0.00044 m | |
| DH | 0000102 | 0000103 | -0.03370 | 0.00019 m | |
| DH | 0000104 | 0000053 | -0.26890 | 0.00023 m | |
| DH | 0000104 | 0000105 | 0.09900 | 0.00010 m | |
| DH | 0000106 | 0000105 | 0.18020 | 0.00012 m | |
| DH | 0000106 | 000A2894 | -0.24800 | 0.00015 m | |
| DH | 0000110 | 005G0298 | -1.20730 | 0.00079 m | |
| DH | 0000111 | 005G0246 | 1.43880 | 0.00048 m | |
| DH | 0000111 | 0099125 | 1.01400 | 0.00050 m | |
| DH | 0000112 | 0000111 | -0.02310 | 0.00054 m | |
| DH | 0000113 | 0000112 | -0.80990 | 0.00056 m | |
| DH | 0000113 | 005G0247 | 1.05220 | 0.00089 m | |
| DH | 0000992 | 0003044 | -0.46560 | 0.00053 m | |
| DH | 0000992 | 005G0196 | -0.08590 | 0.00066 m | |
| DH | 0000993 | 0000024 | -0.14830 | 0.00034 m | |
| DH | 0000993 | 005G0266 | 1.48720 | 0.00082 m | |
| DH | 0003023 | 005G0018 | -0.30000 | m | desel |
| DH | 0003023 | 005G0018 | -0.30010 | 0.00060 m | |
| DH | 0003043 | 005G0249 | 0.93240 | 0.00124 m | |
| DH | 0003044 | 005G0112 | -0.02500 | 0.00065 m | |
| DH | 0004011 | 0004012 | -8.08920 | 0.00040 m | |
| DH | 0004011 | 0099112 | -7.93070 | 0.00043 m | |
| DH | 0004012 | 005G0132 | -0.45900 | 0.00018 m | |
| DH | 0004013 | 005G0239 | 0.41150 | 0.00023 m | |
| DH | 0004041 | 0004042 | -7.93680 | 0.00042 m | |
| DH | 0004042 | 0004043 | -0.97220 | 0.00022 m | |
| DH | 0004043 | 005G0118 | 1.68470 | 0.00028 m | |
| DH | 000A2760 | 005G0021 | 0.69870 | 0.00045 m | |
| DH | 005G0018 | 0003023 | 0.27430 | m | desel |
| DH | 005G0018 | 005G0258 | 0.14950 | 0.00067 m | |
| DH | 005G0020 | 005G0112 | -0.74990 | 0.00105 m | |
| DH | 005G0032 | 005G0113 | -0.45690 | 0.00103 m | |
| DH | 005G0032 | 005G0258 | -0.12460 | 0.00095 m | |
| DH | 005G0033 | 005G0032 | -1.60410 | 0.00050 m | |
| DH | 005G0034 | 005G0248 | -0.66310 | 0.00073 m | |
| DH | 005G0036 | 0000056 | -0.03270 | 0.00016 m | |
| DH | 005G0038 | 005G0129 | -3.37330 | 0.00087 m | |
| DH | 005G0039 | 005G0189 | -0.09210 | 0.00067 m | |
| DH | 005G0040 | 005G0039 | -1.80390 | 0.00044 m | |
| DH | 005G0043 | 0000049 | -1.85260 | 0.00093 m | |
| DH | 005G0045 | 005G0265 | -1.08090 | 0.00041 m | |
| DH | 005G0049 | 0000055 | -1.41700 | 0.00067 m | |
| DH | 005G0052 | 0000055 | -2.81220 | 0.00081 m | |
| DH | 005G0053 | 005G0231 | -0.73940 | 0.00076 m | |
| DH | 005G0054 | 005G0115 | -2.39860 | 0.00039 m | |
| DH | 005G0057 | 0099121 | -0.62970 | m | desel |
| DH | 005G0063 | 005G0267 | -0.56490 | 0.00075 m | |
| DH | 005G0065 | 005G0232 | 0.33700 | 0.00075 m | |
| DH | 005G0065 | 005G0233 | 0.87940 | 0.00078 m | |
| DH | 005G0072 | 005G0256 | -0.16740 | 0.00086 m | |
| DH | 005G0092 | 005G0113 | -0.84840 | 0.00081 m | |
| DH | 005G0093 | 005G0263 | -0.41230 | 0.00033 m | |
| DH | 005G0113 | 0000066 | -0.00240 | 0.00092 m | |
| DH | 005G0115 | 005G0053 | 0.70300 | 0.00099 m | |
| DH | 005G0117 | 005G0256 | -0.37060 | 0.00052 m | |
| DH | 005G0122 | 0099002 | 1.45290 | m | desel |
| DH | 005G0122 | 0099002 | 1.45120 | 0.00111 m | |
| DH | 005G0127 | 0000077 | -0.47040 | 0.00076 m | |
| DH | 005G0127 | 005G0197 | -0.11000 | 0.00039 m | |
| DH | 005G0135 | 005G0093 | -0.51360 | 0.00075 m | |
| DH | 005G0135 | 005G0115 | -0.19830 | 0.00082 m | |
| DH | 005G0138 | 005G0184 | 0.49140 | 0.00058 m | |
| DH | 005G0140 | 005G0182 | 2.53750 | 0.00052 m | |
| DH | 005G0140 | 005G0252 | 2.16010 | 0.00084 m | |
| DH | 005G0142 | 0099114 | -0.94520 | 0.00018 m | |
| DH | 005G0154 | 005G0063 | -0.23330 | 0.00091 m | |
| DH | 005G0154 | 005G0118 | -0.06390 | 0.00088 m | |
| DH | 005G0155 | 005G0274 | 0.38610 | 0.00090 m | |
| DH | 005G0158 | 005G0291 | -1.12070 | 0.00079 m | |
| DH | 005G0160 | 005G0043 | 0.09600 | 0.00014 m | |
| DH | 005G0161 | 005G0231 | 0.15200 | 0.00089 m | |
| DH | 005G0167 | 005G0297 | -0.85260 | m | desel |

| | | | | | |
|----|----------|----------|----------|-----------|-------|
| DH | 005G0167 | 005G0297 | -0.85250 | 0.00026 m | |
| DH | 005G0168 | 0000070 | -0.98060 | 0.00054 m | |
| DH | 005G0180 | 005G0254 | -0.06050 | 0.00064 m | |
| DH | 005G0180 | 0099127 | 0.41220 | 0.00011 m | |
| DH | 005G0182 | 005G0018 | -2.28560 | 0.00107 m | |
| DH | 005G0183 | 005G0291 | -0.46530 | 0.00039 m | |
| DH | 005G0183 | 005G0293 | 2.30020 | 0.00083 m | |
| DH | 005G0184 | 000A2760 | -1.20950 | 0.00064 m | |
| DH | 005G0187 | 0000071 | 0.17530 | 0.00040 m | |
| DH | 005G0189 | 005G0221 | -1.02310 | 0.00100 m | |
| DH | 005G0194 | 005G0020 | 0.49800 | 0.00105 m | |
| DH | 005G0194 | 005G0021 | -0.07550 | 0.00077 m | |
| DH | 005G0196 | 005G0251 | -1.22450 | 0.00085 m | |
| DH | 005G0197 | 005G0018 | -0.11580 | 0.00062 m | |
| DH | 005G0200 | 005G0297 | -1.53910 | 0.00063 m | |
| DH | 005G0201 | 005G0281 | 0.56450 | 0.00090 m | |
| DH | 005G0218 | 0003023 | 0.29000 | 0.00059 m | |
| DH | 005G0223 | 005G0256 | 0.46830 | 0.00088 m | |
| DH | 005G0223 | 005G0292 | -0.61400 | 0.00078 m | |
| DH | 005G0224 | 005G0265 | 1.73970 | 0.00085 m | |
| DH | 005G0227 | 005G0201 | -0.42680 | 0.00041 m | |
| DH | 005G0227 | 005G0275 | 0.10430 | 0.00087 m | |
| DH | 005G0227 | 0099114 | -0.97280 | 0.00069 m | |
| DH | 005G0228 | 005G0040 | 2.43610 | 0.00084 m | |
| DH | 005G0230 | 005G0054 | 2.14000 | 0.00057 m | |
| DH | 005G0230 | 0099121 | -0.33880 | 0.00088 m | |
| DH | 005G0231 | 005G0052 | 0.93020 | 0.00088 m | |
| DH | 005G0232 | 005G0154 | 0.89250 | 0.00069 m | |
| DH | 005G0233 | 005G0307 | -0.59650 | 0.00094 m | |
| DH | 005G0236 | 005G0307 | -0.00170 | 0.00091 m | |
| DH | 005G0239 | 005G0122 | -1.50400 | 0.00110 m | |
| DH | 005G0239 | 005G0132 | -0.77420 | 0.00019 m | |
| DH | 005G0242 | 0000082 | -2.07760 | 0.00099 m | |
| DH | 005G0242 | 005G0243 | -0.54160 | 0.00116 m | |
| DH | 005G0242 | 005G0255 | -1.10760 | 0.00075 m | |
| DH | 005G0243 | 005G0244 | -0.61180 | 0.00046 m | |
| DH | 005G0244 | 005G0230 | 0.71550 | 0.00072 m | |
| DH | 005G0245 | 0000076 | -1.03610 | 0.00058 m | |
| DH | 005G0247 | 005G0035 | 2.07720 | 0.00088 m | |
| DH | 005G0248 | 005G0035 | 2.44350 | 0.00056 m | |
| DH | 005G0249 | 005G0248 | -0.39210 | 0.00065 m | |
| DH | 005G0251 | 005G0293 | 3.22270 | 0.00103 m | |
| DH | 005G0252 | 005G0033 | -0.03000 | 0.00078 m | |
| DH | 005G0252 | 005G0034 | -1.39900 | 0.00069 m | |
| DH | 005G0253 | 005G0092 | 0.32900 | 0.00076 m | |
| DH | 005G0254 | 005G0304 | 0.62090 | 0.00047 m | |
| DH | 005G0255 | 005G0117 | 0.62870 | 0.00112 m | |
| DH | 005G0256 | 005G0097 | 0.77220 | 0.00094 m | |
| DH | 005G0257 | 005G0097 | 2.24350 | 0.00075 m | |
| DH | 005G0257 | 005G0308 | 2.78250 | 0.00082 m | |
| DH | 005G0260 | 005G0305 | 0.47960 | 0.00084 m | |
| DH | 005G0261 | 0000081 | -0.57390 | 0.00072 m | |
| DH | 005G0261 | 005G0289 | 0.14150 | 0.00076 m | |
| DH | 005G0263 | 0000101 | -0.54720 | 0.00071 m | |
| DH | 005G0263 | 005G0253 | 0.45060 | 0.00059 m | |
| DH | 005G0264 | 005G0045 | 1.47580 | 0.00093 m | |
| DH | 005G0264 | 005G0279 | -0.65400 | 0.00071 m | |
| DH | 005G0266 | 005G0167 | -0.25120 | 0.00089 m | |
| DH | 005G0267 | 005G0155 | -0.03050 | 0.00019 m | |
| DH | 005G0271 | 005G0223 | 0.93650 | 0.00086 m | |
| DH | 005G0274 | 0000055 | -2.19880 | 0.00088 m | |
| DH | 005G0274 | 0004013 | -0.30990 | 0.00081 m | |
| DH | 005G0275 | 0000052 | -0.03230 | 0.00072 m | |
| DH | 005G0277 | 005G0072 | -1.63530 | 0.00043 m | |
| DH | 005G0278 | 005G0265 | 1.07970 | 0.00102 m | |
| DH | 005G0279 | 005G0035 | 2.39060 | 0.00086 m | |
| DH | 005G0280 | 005G0260 | -0.86080 | 0.00079 m | |
| DH | 005G0281 | 005G0168 | -0.59420 | 0.00088 m | |
| DH | 005G0288 | 005G0245 | -0.10280 | 0.00093 m | |
| DH | 005G0289 | 005G0271 | -0.92520 | 0.00073 m | |
| DH | 005G0290 | 005G0138 | -1.30960 | 0.00092 m | |
| DH | 005G0290 | 005G0158 | -0.74730 | 0.00090 m | |
| DH | 005G0290 | 005G0280 | -1.51500 | 0.00079 m | |
| DH | 005G0291 | 0003043 | -0.44950 | 0.00069 m | |
| DH | 005G0292 | 005G0277 | 2.88560 | 0.00081 m | |
| DH | 005G0297 | 005G0167 | 0.85180 | m | desel |
| DH | 005G0299 | 005G0298 | 0.13200 | 0.00062 m | |
| DH | 005G0299 | 005G0309 | 1.16080 | 0.00050 m | |
| DH | 005G0304 | 005G0218 | -0.47660 | 0.00047 m | |
| DH | 005G0305 | 005G0265 | 1.22160 | 0.00061 m | |
| DH | 005G0306 | 0000081 | -0.88380 | 0.00066 m | |
| DH | 005G0306 | 005G0288 | -0.13960 | 0.00095 m | |
| DH | 005G0308 | 005G0236 | -1.38160 | 0.00091 m | |
| DH | 005H0044 | 005G0278 | -0.34710 | 0.00092 m | |
| DH | 005H0270 | 005H0074 | -0.48700 | 0.00067 m | |
| DH | 0099001 | 0000084 | -0.52590 | 0.00055 m | |
| DH | 0099001 | 005H0270 | 0.87300 | 0.00078 m | |
| DH | 0099002 | 0004041 | 7.55370 | 0.00043 m | |
| DH | 0099002 | 005G0122 | -1.44810 | m | desel |
| DH | 0099115 | 005G0142 | 0.96460 | 0.00019 m | |
| DH | 0099115 | 0099127 | 1.21740 | 0.00052 m | |
| DH | 0099120 | 005G0057 | 0.59550 | 0.00014 m | |

| | | | | | |
|----|----------|----------|----------|-----------|-------|
| DH | 0099120 | 005G0065 | -0.46190 | 0.00108 m | |
| DH | 0099121 | 005G0057 | 0.63030 | m | desel |
| DH | 0099121 | 005G0057 | 0.62950 | 0.00015 m | |
| DH | 0099124 | 0000036 | -0.49190 | 0.00051 m | |
| DH | 0099125 | 0000102 | 0.13110 | 0.00022 m | |
| DH | 0099126 | 0000103 | 0.12140 | 0.00029 m | |
| DH | 0000011 | 0000010 | -0.32200 | 0.00082 m | |
| DH | 0000011 | 0099111 | 0.10170 | 0.00082 m | |
| DH | 0000012 | 0004023 | -1.32910 | 0.00051 m | |
| DH | 0000013 | 0000012 | 0.07780 | 0.00096 m | |
| DH | 0000014 | 0000010 | -1.10720 | 0.00069 m | |
| DH | 0000015 | 005D0034 | 0.01160 | 0.00058 m | |
| DH | 0000015 | 005D0088 | 0.08260 | 0.00078 m | |
| DH | 0000017 | 005G0164 | 0.12000 | 0.00083 m | |
| DH | 0000020 | 0000021 | 1.72830 | 0.00094 m | |
| DH | 0000021 | 0000023 | -0.78530 | 0.00049 m | |
| DH | 0000022 | 0000020 | -1.08920 | 0.00072 m | |
| DH | 0000022 | 005D0012 | 2.56390 | 0.00086 m | |
| DH | 0000029 | 0000030 | 0.59750 | 0.00093 m | |
| DH | 0000030 | 0000014 | 0.70600 | 0.00061 m | |
| DH | 0000030 | 005D0017 | -0.38160 | 0.00056 m | |
| DH | 0000041 | 0000040 | -0.08590 | 0.00072 m | |
| DH | 0000046 | 0000045 | -0.56140 | 0.00075 m | |
| DH | 0000047 | 0000046 | 3.20360 | 0.00081 m | |
| DH | 0000062 | 005G0028 | -0.38460 | 0.00085 m | |
| DH | 0000065 | 0000040 | 0.00640 | 0.00081 m | |
| DH | 0000065 | 005D0082 | -0.11960 | 0.00037 m | |
| DH | 0000107 | 005D0005 | 0.34420 | 0.00066 m | |
| DH | 0000107 | 005D0007 | 0.44640 | 0.00064 m | |
| DH | 0000107 | 005D0072 | 4.46330 | 0.00074 m | |
| DH | 0000910 | 005G0220 | -0.20050 | 0.00086 m | |
| DH | 0000992 | 005G0111 | -0.01050 | 0.00049 m | |
| DH | 0003001 | 005G0143 | -0.74170 | 0.00052 m | |
| DH | 0003003 | 000A2752 | -1.10190 | 0.00055 m | |
| DH | 0003003 | 005G0008 | 0.64890 | 0.00057 m | |
| DH | 0003005 | 0003006 | -0.12800 | 0.00055 m | |
| DH | 0003006 | 0003018 | 0.03410 | 0.00017 m | |
| DH | 0003010 | 005G0234 | 1.87570 | 0.00076 m | |
| DH | 0003017 | 005G0143 | 0.01680 | 0.00014 m | |
| DH | 0003018 | 0003019 | 0.29610 | 0.00045 m | |
| DH | 0003019 | 0003003 | 0.43910 | 0.00071 m | |
| DH | 0003021 | 0003045 | 0.02450 | 0.00063 m | |
| DH | 0003022 | 0003033 | -0.73450 | 0.00043 m | |
| DH | 0003024 | 0003026 | -0.63480 | 0.00015 m | |
| DH | 0003025 | 0003037 | 0.33240 | 0.00036 m | |
| DH | 0003026 | 000A2750 | -0.18390 | 0.00012 m | |
| DH | 0003027 | 000A2750 | -0.23070 | 0.00012 m | |
| DH | 0003027 | 005G0219 | 0.71090 | 0.00026 m | |
| DH | 0003028 | 0003001 | 1.43990 | 0.00090 m | |
| DH | 0003028 | 0003005 | 0.50400 | 0.00019 m | |
| DH | 0003029 | 0003028 | 0.50270 | 0.00070 m | |
| DH | 0003030 | 0003031 | -0.80550 | 0.00065 m | |
| DH | 0003031 | 0003021 | 0.94290 | 0.00051 m | |
| DH | 0003032 | 0003021 | 0.73810 | 0.00030 m | |
| DH | 0003033 | 000A2754 | -0.36140 | m | desel |
| DH | 0003033 | 000A2754 | -0.19450 | 0.00008 m | |
| DH | 0003034 | 0003035 | -0.24880 | 0.00068 m | |
| DH | 0003035 | 0003036 | -0.04840 | 0.00019 m | |
| DH | 0003036 | 0003024 | 0.16430 | 0.00041 m | |
| DH | 0003038 | 0003025 | 0.25370 | 0.00027 m | |
| DH | 0003039 | 0003032 | -0.30080 | 0.00012 m | |
| DH | 0003040 | 000A2760 | -0.47180 | 0.00040 m | |
| DH | 0003041 | 005G0108 | -0.13960 | 0.00054 m | |
| DH | 0003041 | 005G0312 | -0.81210 | 0.00081 m | |
| DH | 0003042 | 005D0007 | -2.06960 | 0.00084 m | |
| DH | 0003042 | 0099103 | -1.33810 | 0.00059 m | |
| DH | 0004021 | 0004022 | -8.27280 | 0.00037 m | |
| DH | 0004021 | 0099111 | -8.10280 | 0.00038 m | |
| DH | 0004023 | 0004022 | 1.22900 | 0.00030 m | |
| DH | 0004031 | 0004032 | -8.34820 | 0.00051 m | |
| DH | 0004031 | 0099110 | -8.14040 | 0.00042 m | |
| DH | 0004033 | 0000029 | 0.76750 | 0.00039 m | |
| DH | 0004033 | 005D0057 | 0.78710 | 0.00013 m | |
| DH | 000A2752 | 0098121 | 1.08220 | 0.00092 m | |
| DH | 000A2754 | 0003039 | 0.36130 | 0.00015 m | |
| DH | 000A2761 | 0003029 | -0.29830 | 0.00010 m | |
| DH | 000A2761 | 0003030 | 0.87850 | 0.00013 m | |
| DH | 000A4020 | 005D0072 | -0.85490 | 0.00014 m | |
| DH | 005D0003 | 005D0037 | -0.70110 | 0.00059 m | |
| DH | 005D0004 | 005D0005 | 0.29020 | 0.00047 m | |
| DH | 005D0005 | 0000041 | -1.14900 | 0.00083 m | |
| DH | 005D0012 | 0000998 | 0.09650 | 0.00074 m | |
| DH | 005D0015 | 0000029 | -0.02170 | 0.00086 m | |
| DH | 005D0015 | 005D0074 | 0.23260 | 0.00086 m | |
| DH | 005D0017 | 0000015 | 0.95040 | 0.00074 m | |
| DH | 005D0034 | 0000062 | -0.47700 | 0.00053 m | |
| DH | 005D0037 | 005D0004 | -0.97510 | 0.00041 m | |
| DH | 005D0040 | 0000023 | -0.45070 | 0.00055 m | |
| DH | 005D0053 | 005D0056 | -0.31250 | 0.00093 m | |
| DH | 005D0056 | 0000014 | 0.74160 | 0.00061 m | |
| DH | 005D0057 | 0004032 | 0.42620 | 0.00034 m | |
| DH | 005D0059 | 0000022 | -1.69760 | 0.00033 m | |

| | | | | |
|----|----------|----------|----------|-----------|
| DH | 005D0059 | 0099113 | -0.72570 | 0.00029 m |
| DH | 005D0066 | 0000998 | 0.49430 | 0.00085 m |
| DH | 005D0066 | 005D0007 | -0.14150 | 0.00073 m |
| DH | 005D0067 | 0000998 | 1.79350 | 0.00054 m |
| DH | 005D0067 | 0099101 | 4.66060 | 0.00065 m |
| DH | 005D0069 | 005D0003 | -0.56200 | 0.00052 m |
| DH | 005D0070 | 0099101 | 0.14390 | 0.00035 m |
| DH | 005D0081 | 000A4020 | 0.52570 | 0.00015 m |
| DH | 005D0081 | 005D0069 | -2.49950 | 0.00079 m |
| DH | 005D0082 | 0000998 | 2.09770 | 0.00050 m |
| DH | 005D0083 | 0000045 | 0.78180 | 0.00091 m |
| DH | 005D0083 | 0099110 | -3.34610 | 0.00079 m |
| DH | 005D0084 | 005D0040 | -1.66650 | 0.00078 m |
| DH | 005D0084 | 005D0088 | -0.01650 | 0.00015 m |
| DH | 005D0087 | 005D0074 | -3.91530 | 0.00040 m |
| DH | 005D0087 | 0099102 | 0.64940 | 0.00065 m |
| DH | 005D0089 | 005D0064 | 0.02080 | 0.00096 m |
| DH | 005D0089 | 005G0310 | 0.56060 | 0.00090 m |
| DH | 005G0001 | 005G0312 | -0.15930 | 0.00077 m |
| DH | 005G0004 | 005G0235 | -0.56730 | 0.00094 m |
| DH | 005G0007 | 005G0206 | 1.23960 | 0.00087 m |
| DH | 005G0008 | 005G0205 | -0.33270 | 0.00052 m |
| DH | 005G0010 | 0098123 | 0.01920 | 0.00074 m |
| DH | 005G0019 | 005G0127 | -0.77850 | 0.00069 m |
| DH | 005G0028 | 005G0129 | -0.64690 | 0.00079 m |
| DH | 005G0090 | 005G0001 | -0.25640 | 0.00068 m |
| DH | 005G0091 | 005G0199 | 0.21510 | 0.00091 m |
| DH | 005G0101 | 0000910 | 0.13520 | 0.00093 m |
| DH | 005G0102 | 0000910 | 0.44450 | 0.00099 m |
| DH | 005G0102 | 005G0311 | 0.36290 | 0.00110 m |
| DH | 005G0108 | 005G0091 | -0.45090 | 0.00097 m |
| DH | 005G0109 | 005G0285 | -0.78240 | 0.00040 m |
| DH | 005G0110 | 005G0019 | -0.11090 | 0.00067 m |
| DH | 005G0111 | 005G0285 | -0.54310 | 0.00096 m |
| DH | 005G0125 | 0098120 | -0.33850 | 0.00010 m |
| DH | 005G0126 | 005G0204 | -0.42560 | 0.00092 m |
| DH | 005G0145 | 005G0219 | 0.77230 | 0.00055 m |
| DH | 005G0164 | 005D0053 | 0.34610 | 0.00091 m |
| DH | 005G0165 | 005G0208 | 0.65910 | 0.00093 m |
| DH | 005G0170 | 005G0091 | -0.48890 | 0.00105 m |
| DH | 005G0177 | 005G0170 | -0.40070 | 0.00102 m |
| DH | 005G0177 | 0099117 | -0.49650 | 0.00041 m |
| DH | 005G0179 | 005G0145 | -0.13890 | 0.00061 m |
| DH | 005G0179 | 0098126 | 0.35550 | 0.00011 m |
| DH | 005G0195 | 005G0110 | 0.35710 | 0.00056 m |
| DH | 005G0195 | 005G0126 | -0.24110 | 0.00094 m |
| DH | 005G0195 | 0098125 | -0.56300 | 0.00044 m |
| DH | 005G0199 | 005G0109 | 0.72340 | 0.00079 m |
| DH | 005G0204 | 0003045 | -0.17120 | 0.00080 m |
| DH | 005G0204 | 005G0010 | 0.09820 | 0.00067 m |
| DH | 005G0205 | 0003034 | -0.31910 | 0.00053 m |
| DH | 005G0205 | 005G0007 | -1.48860 | 0.00083 m |
| DH | 005G0207 | 005G0165 | -2.19230 | 0.00101 m |
| DH | 005G0207 | 0099104 | -1.95150 | 0.00042 m |
| DH | 005G0208 | 005G0101 | 0.10320 | 0.00059 m |
| DH | 005G0209 | 005G0090 | 1.08070 | 0.00065 m |
| DH | 005G0209 | 005G0234 | 3.08800 | 0.00097 m |
| DH | 005G0210 | 005G0296 | -1.21940 | 0.00064 m |
| DH | 005G0212 | 005G0213 | -0.43460 | 0.00072 m |
| DH | 005G0212 | 005G0216 | 0.29160 | 0.00080 m |
| DH | 005G0213 | 005G0303 | -0.16950 | 0.00090 m |
| DH | 005G0214 | 000A2758 | -1.39270 | 0.00056 m |
| DH | 005G0216 | 0003040 | -0.40010 | 0.00078 m |
| DH | 005G0220 | 005G0235 | -0.83940 | 0.00068 m |
| DH | 005G0227 | 0003017 | -0.34900 | 0.00065 m |
| DH | 005G0266 | 0000023 | -0.90400 | 0.00061 m |
| DH | 005G0286 | 005G0004 | -4.26550 | 0.00095 m |
| DH | 005G0286 | 0098120 | -4.03210 | 0.00071 m |
| DH | 005G0287 | 0098126 | 1.09670 | 0.00044 m |
| DH | 005G0294 | 005G0285 | -0.10630 | 0.00045 m |
| DH | 005G0295 | 0003022 | 0.27810 | 0.00053 m |
| DH | 005G0296 | 000A2756 | -0.81740 | 0.00022 m |
| DH | 005G0297 | 005G0287 | -0.21550 | 0.00103 m |
| DH | 005G0301 | 000A2756 | -0.42490 | 0.00043 m |
| DH | 005G0302 | 005G0108 | -1.33190 | 0.00080 m |
| DH | 005G0302 | 005G0301 | -2.13910 | 0.00074 m |
| DH | 005G0303 | 000A2758 | -0.67400 | 0.00019 m |
| DH | 005G0304 | 005G0295 | -0.74000 | 0.00080 m |
| DH | 005G0310 | 000A2748 | -0.85330 | 0.00062 m |
| DH | 005G0310 | 005G0206 | -0.04280 | 0.00079 m |
| DH | 005G0311 | 0003010 | -0.14430 | 0.00061 m |
| DH | 0098121 | 005G0125 | 0.33830 | 0.00010 m |
| DH | 0098123 | 005G0125 | 0.33820 | 0.00010 m |
| DH | 0098125 | 005G0294 | -0.03480 | 0.00012 m |
| DH | 0099102 | 005D0070 | -0.14050 | 0.00036 m |
| DH | 0099103 | 0000047 | 0.08980 | 0.00018 m |
| DH | 0099104 | 005D0064 | 0.00730 | 0.00028 m |
| DH | 0099113 | 000A2748 | -0.88710 | 0.00037 m |
| DH | 0099116 | 0003038 | 0.58330 | 0.00024 m |
| DH | 0099116 | 005G0214 | 0.93860 | 0.00074 m |
| DH | 0099117 | 0003037 | 0.22930 | 0.00023 m |
| DH | 0099119 | 005G0199 | 0.11810 | 0.00042 m |

DH 0099119 005G0210 1.15750 0.00076 m

VEREFFENDE COORDINATEN (pseudo kleinste kwadraten netwerk)

| Station | Coördinaat | Corr (m) | Sa (m) |
|----------------|------------|----------|--------|
| 0000001 Hoogte | 0.5060 | 0.0000 | 0.0021 |
| 0000002 Hoogte | 0.6353 | -0.0000 | 0.0021 |
| 0000008 Hoogte | 0.9491 | -0.0004 | 0.0021 |
| 0000009 Hoogte | 0.7251 | 0.0008 | 0.0021 |
| 0000010 Hoogte | 0.9915 | 0.0013 | 0.0022 |
| 0000011 Hoogte | 1.3137 | 0.0015 | 0.0023 |
| 0000012 Hoogte | 1.3460 | 0.0005 | 0.0023 |
| 0000013 Hoogte | 1.2685 | 0.0008 | 0.0022 |
| 0000014 Hoogte | 2.0985 | 0.0011 | 0.0022 |
| 0000015 Hoogte | 1.9613 | 0.0011 | 0.0021 |
| 0000016 Hoogte | 0.4398 | 0.0005 | 0.0021 |
| 0000017 Hoogte | 1.2024 | 0.0008 | 0.0021 |
| 0000020 Hoogte | -0.9997 | -0.0013 | 0.0021 |
| 0000021 Hoogte | 0.7288 | -0.0011 | 0.0021 |
| 0000022 Hoogte | 0.0893 | -0.0015 | 0.0021 |
| 0000023 Hoogte | -0.0564 | -0.0010 | 0.0021 |
| 0000024 Hoogte | -0.7873 | -0.0004 | 0.0021 |
| 0000027 Hoogte | 0.1484 | -0.0001 | 0.0022 |
| 0000028 Hoogte | 0.3131 | -0.0001 | 0.0022 |
| 0000029 Hoogte | 0.7950 | 0.0011 | 0.0022 |
| 0000030 Hoogte | 1.3925 | 0.0011 | 0.0022 |
| 0000032 Hoogte | -0.0621 | 0.0012 | 0.0022 |
| 0000033 Hoogte | -0.6801 | -0.0002 | 0.0021 |
| 0000035 Hoogte | -0.4686 | -0.0003 | 0.0021 |
| 0000036 Hoogte | -0.0808 | 0.0002 | 0.0021 |
| 0000040 Hoogte | 0.7777 | -0.0018 | 0.0024 |
| 0000041 Hoogte | 0.8634 | -0.0008 | 0.0024 |
| 0000042 Hoogte | 1.4205 | 0.0017 | 0.0022 |
| 0000045 Hoogte | 5.5770 | -0.0019 | 0.0025 |
| 0000046 Hoogte | 6.1385 | -0.0018 | 0.0025 |
| 0000047 Hoogte | 2.9351 | -0.0016 | 0.0025 |
| 0000049 Hoogte | -0.8270 | -0.0009 | 0.0020 |
| 0000050 Hoogte | 0.6717 | -0.0000 | 0.0020 |
| 0000051 Hoogte | -0.8273 | -0.0001 | 0.0020 |
| 0000052 Hoogte | 0.8729 | 0.0011 | 0.0020 |
| 0000053 Hoogte | -0.2366 | 0.0009 | 0.0020 |
| 0000055 Hoogte | -0.6169 | -0.0006 | 0.0020 |
| 0000056 Hoogte | 1.0587 | 0.0007 | 0.0021 |
| 0000062 Hoogte | 1.4956 | 0.0008 | 0.0022 |
| 0000063 Hoogte | 1.0010 | -0.0001 | 0.0021 |
| 0000065 Hoogte | 0.7715 | -0.0016 | 0.0023 |
| 0000066 Hoogte | 0.5023 | -0.0009 | 0.0020 |
| 0000067 Hoogte | 0.7849 | -0.0002 | 0.0020 |
| 0000070 Hoogte | -0.6362 | -0.0000 | 0.0021 |
| 0000071 Hoogte | 0.4719 | 0.0009 | 0.0021 |
| 0000072 Hoogte | -0.1950 | 0.0010 | 0.0020 |
| 0000073 Hoogte | 0.4616 | -0.0004 | 0.0020 |
| 0000074 Hoogte | -0.2695 | -0.0002 | 0.0021 |
| 0000075 Hoogte | -0.3734 | -0.0001 | 0.0021 |
| 0000076 Hoogte | -0.4411 | -0.0020 | 0.0020 |
| 0000077 Hoogte | 0.4431 | -0.0007 | 0.0017 |
| 0000078 Hoogte | -0.6166 | -0.0005 | 0.0021 |
| 0000079 Hoogte | -0.0573 | -0.0018 | 0.0021 |
| 0000081 Hoogte | -0.0474 | -0.0016 | 0.0019 |
| 0000082 Hoogte | -0.0805 | -0.0015 | 0.0020 |
| 0000084 Hoogte | -0.0059 | -0.0018 | 0.0021 |
| 0000086 Hoogte | -0.7501 | -0.0001 | 0.0021 |
| 0000101 Hoogte | 0.0258 | -0.0015 | 0.0019 |
| 0000102 Hoogte | 0.1615 | -0.0016 | 0.0019 |
| 0000103 Hoogte | 0.1278 | -0.0016 | 0.0019 |
| 0000104 Hoogte | 0.0323 | 0.0009 | 0.0020 |
| 0000105 Hoogte | 0.1313 | 0.0009 | 0.0020 |
| 0000106 Hoogte | -0.0489 | -0.0003 | 0.0020 |
| 0000107 Hoogte | 1.6677 | -0.0013 | 0.0024 |
| 0000110 Hoogte | 1.5614 | -0.0002 | 0.0022 |
| 0000111 Hoogte | -0.9837 | -0.0017 | 0.0019 |
| 0000112 Hoogte | -0.9607 | -0.0018 | 0.0019 |
| 0000113 Hoogte | -0.1508 | -0.0018 | 0.0019 |
| 0000910 Hoogte | 1.1365 | -0.0020 | 0.0022 |
| 0000992 Hoogte | 1.2968 | -0.0013 | 0.0016 |
| 0000993 Hoogte | -0.6391 | -0.0005 | 0.0021 |
| 0000998 Hoogte | 2.7497 | -0.0015 | 0.0023 |
| 0003001 Hoogte | 1.2109 | 0.0000 | 0.0020 |
| 0003003 Hoogte | 0.9166 | -0.0023 | 0.0020 |
| 0003005 Hoogte | 0.2752 | 0.0002 | 0.0019 |
| 0003006 Hoogte | 0.1473 | 0.0003 | 0.0020 |
| 0003010 Hoogte | 0.9110 | -0.0016 | 0.0023 |
| 0003017 Hoogte | 0.4523 | -0.0001 | 0.0020 |
| 0003018 Hoogte | 0.1814 | 0.0003 | 0.0020 |
| 0003019 Hoogte | 0.4775 | -0.0023 | 0.0020 |
| 0003021 Hoogte | 0.5830 | 0.0005 | 0.0019 |
| 0003022 Hoogte | 0.7133 | 0.0004 | 0.0019 |
| 0003023 Hoogte | 0.9882 | -0.0003 | 0.0018 |
| 0003024 Hoogte | 0.7808 | -0.0023 | 0.0021 |
| 0003025 Hoogte | 0.8767 | 0.0004 | 0.0018 |
| 0003026 Hoogte | 0.1460 | -0.0023 | 0.0021 |
| 0003027 Hoogte | 0.1928 | -0.0003 | 0.0021 |
| 0003028 Hoogte | -0.2288 | 0.0002 | 0.0019 |

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| 0003029 | Hoogte | -0.7313 | 0.0004 | 0.0020 |
| 0003030 | Hoogte | 0.4455 | 0.0004 | 0.0020 |
| 0003031 | Hoogte | -0.3599 | 0.0005 | 0.0019 |
| 0003032 | Hoogte | -0.1551 | 0.0005 | 0.0019 |
| 0003033 | Hoogte | -0.0211 | 0.0005 | 0.0019 |
| 0003034 | Hoogte | 0.9137 | -0.0023 | 0.0021 |
| 0003035 | Hoogte | 0.6649 | -0.0023 | 0.0021 |
| 0003036 | Hoogte | 0.6165 | -0.0023 | 0.0021 |
| 0003037 | Hoogte | 1.2091 | 0.0004 | 0.0018 |
| 0003038 | Hoogte | 0.6230 | 0.0004 | 0.0018 |
| 0003039 | Hoogte | 0.1457 | 0.0005 | 0.0019 |
| 0003040 | Hoogte | 0.7558 | -0.0000 | 0.0011 |
| 0003041 | Hoogte | 1.1764 | -0.0004 | 0.0020 |
| 0003042 | Hoogte | 4.1835 | -0.0015 | 0.0024 |
| 0003043 | Hoogte | -0.0055 | 0.0003 | 0.0017 |
| 0003044 | Hoogte | 0.8312 | -0.0013 | 0.0016 |
| 0003045 | Hoogte | 0.6077 | 0.0007 | 0.0019 |
| 0004011 | Hoogte | 9.4566 | 0.0020 | 0.0021 |
| 0004012 | Hoogte | 1.3674 | -0.0015 | 0.0021 |
| 0004013 | Hoogte | 1.2712 | -0.0014 | 0.0021 |
| 0004021 | Hoogte | 9.5185 | 0.0003 | 0.0023 |
| 0004022 | Hoogte | 1.2458 | 0.0004 | 0.0023 |
| 0004023 | Hoogte | 0.0168 | 0.0004 | 0.0023 |
| 0004031 | Hoogte | 9.5891 | 0.0012 | 0.0023 |
| 0004032 | Hoogte | 1.2409 | 0.0012 | 0.0023 |
| 0004033 | Hoogte | 0.0275 | 0.0011 | 0.0023 |
| 0004041 | Hoogte | 9.1836 | -0.0014 | 0.0022 |
| 0004042 | Hoogte | 1.2468 | -0.0014 | 0.0022 |
| 0004043 | Hoogte | 0.2746 | -0.0014 | 0.0022 |
| 0098120 | Hoogte | 0.8966 | -0.0024 | 0.0020 |
| 0098121 | Hoogte | 0.8968 | -0.0024 | 0.0020 |
| 0098123 | Hoogte | 0.8969 | -0.0024 | 0.0020 |
| 0098125 | Hoogte | 0.8836 | 0.0001 | 0.0017 |
| 0098126 | Hoogte | 0.6257 | -0.0004 | 0.0021 |
| 0099001 | Hoogte | 0.5199 | -0.0019 | 0.0021 |
| 0099002 | Hoogte | 1.6299 | -0.0014 | 0.0022 |
| 0099101 | Hoogte | 5.6169 | -0.0014 | 0.0023 |
| 0099102 | Hoogte | 5.6136 | -0.0013 | 0.0023 |
| 0099103 | Hoogte | 2.8453 | -0.0016 | 0.0025 |
| 0099104 | Hoogte | 0.4800 | -0.0018 | 0.0023 |
| 0099110 | Hoogte | 1.4488 | 0.0013 | 0.0024 |
| 0099111 | Hoogte | 1.4157 | 0.0018 | 0.0023 |
| 0099112 | Hoogte | 1.5258 | 0.0019 | 0.0022 |
| 0099113 | Hoogte | 1.0612 | -0.0015 | 0.0021 |
| 0099114 | Hoogte | -0.1715 | -0.0001 | 0.0019 |
| 0099115 | Hoogte | -0.1909 | -0.0001 | 0.0019 |
| 0099116 | Hoogte | 0.0397 | 0.0004 | 0.0018 |
| 0099117 | Hoogte | 0.9798 | 0.0004 | 0.0018 |
| 0099119 | Hoogte | 0.6835 | 0.0002 | 0.0018 |
| 0099120 | Hoogte | 1.2550 | -0.0009 | 0.0021 |
| 0099121 | Hoogte | 1.2210 | -0.0009 | 0.0021 |
| 0099124 | Hoogte | 0.4109 | 0.0000 | 0.0021 |
| 0099125 | Hoogte | 0.0304 | -0.0016 | 0.0019 |
| 0099126 | Hoogte | 0.0064 | -0.0016 | 0.0019 |
| 0099127 | Hoogte | 1.0266 | -0.0000 | 0.0019 |
| 000A2748 | Hoogte | 0.1740 | -0.0016 | 0.0021 |
| 000A2750 | Hoogte | -0.0379 | -0.0023 | 0.0021 |
| 000A2752 | Hoogte | -0.1853 | -0.0023 | 0.0020 |
| 000A2754 | Hoogte | -0.2156 | 0.0005 | 0.0019 |
| 000A2756 | Hoogte | -0.1956 | 0.0004 | 0.0020 |
| 000A2758 | Hoogte | -0.4142 | 0.0006 | 0.0017 |
| 000A2760 | Hoogte | 0.2840* | 0.0000 | 0.0010 |
| 000A2761 | Hoogte | -0.4330 | 0.0004 | 0.0020 |
| 000A2894 | Hoogte | -0.2969 | -0.0003 | 0.0020 |
| 000A4020 | Hoogte | 6.9858 | -0.0014 | 0.0025 |
| 005D0003 | Hoogte | 3.3984 | -0.0016 | 0.0025 |
| 005D0004 | Hoogte | 1.7220 | -0.0010 | 0.0025 |
| 005D0005 | Hoogte | 2.0122 | -0.0010 | 0.0024 |
| 005D0007 | Hoogte | 2.1140 | -0.0014 | 0.0024 |
| 005D0012 | Hoogte | 2.6532 | -0.0015 | 0.0022 |
| 005D0015 | Hoogte | 0.8166 | 0.0010 | 0.0023 |
| 005D0017 | Hoogte | 1.0109 | 0.0011 | 0.0022 |
| 005D0034 | Hoogte | 1.9727 | 0.0009 | 0.0022 |
| 005D0037 | Hoogte | 2.6972 | -0.0009 | 0.0025 |
| 005D0040 | Hoogte | 0.3942 | -0.0011 | 0.0021 |
| 005D0053 | Hoogte | 1.6690 | 0.0013 | 0.0022 |
| 005D0056 | Hoogte | 1.3568 | 0.0016 | 0.0022 |
| 005D0057 | Hoogte | 0.8147 | 0.0012 | 0.0023 |
| 005D0059 | Hoogte | 1.7869 | -0.0015 | 0.0021 |
| 005D0064 | Hoogte | 0.4873 | -0.0018 | 0.0023 |
| 005D0066 | Hoogte | 2.2555 | -0.0014 | 0.0024 |
| 005D0067 | Hoogte | 0.9562 | -0.0015 | 0.0023 |
| 005D0069 | Hoogte | 3.9604 | -0.0016 | 0.0025 |
| 005D0070 | Hoogte | 5.4731 | -0.0013 | 0.0023 |
| 005D0072 | Hoogte | 6.1309 | -0.0014 | 0.0025 |
| 005D0074 | Hoogte | 1.0490 | 0.0008 | 0.0023 |
| 005D0081 | Hoogte | 6.4601 | -0.0014 | 0.0025 |
| 005D0082 | Hoogte | 0.6519 | -0.0016 | 0.0023 |
| 005D0083 | Hoogte | 4.7950 | 0.0014 | 0.0024 |
| 005D0084 | Hoogte | 2.0605 | -0.0013 | 0.0022 |
| 005D0087 | Hoogte | 4.9643 | 0.0008 | 0.0023 |
| 005D0088 | Hoogte | 2.0440 | 0.0012 | 0.0022 |

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| 005D0089 | Hoogte | 0.4666 | -0.0017 | 0.0022 |
| 005G0001 | Hoogte | 0.5234 | -0.0006 | 0.0021 |
| 005G0004 | Hoogte | 0.6635 | -0.0021 | 0.0021 |
| 005G0007 | Hoogte | -0.2555 | -0.0020 | 0.0021 |
| 005G0008 | Hoogte | 1.5655 | -0.0023 | 0.0020 |
| 005G0010 | Hoogte | 0.8776 | -0.0025 | 0.0019 |
| 005G0018 | Hoogte | 0.6881 | -0.0003 | 0.0017 |
| 005G0019 | Hoogte | 1.6924 | -0.0003 | 0.0018 |
| 005G0020 | Hoogte | 1.5562 | -0.0012 | 0.0015 |
| 005G0021 | Hoogte | 0.9827 | -0.0012 | 0.0011 |
| 005G0028 | Hoogte | 1.1108 | 0.0006 | 0.0022 |
| 005G0032 | Hoogte | 0.9621 | -0.0004 | 0.0018 |
| 005G0033 | Hoogte | 2.5663 | -0.0003 | 0.0018 |
| 005G0034 | Hoogte | 1.1977 | 0.0001 | 0.0018 |
| 005G0035 | Hoogte | 2.9785 | 0.0005 | 0.0018 |
| 005G0036 | Hoogte | 1.0914 | 0.0007 | 0.0021 |
| 005G0038 | Hoogte | 3.8371 | 0.0005 | 0.0021 |
| 005G0039 | Hoogte | 0.9894 | 0.0004 | 0.0020 |
| 005G0040 | Hoogte | 2.7933 | 0.0004 | 0.0021 |
| 005G0043 | Hoogte | 1.0256 | -0.0009 | 0.0020 |
| 005G0045 | Hoogte | 2.7187 | 0.0015 | 0.0018 |
| 005G0049 | Hoogte | 0.8002 | -0.0005 | 0.0020 |
| 005G0052 | Hoogte | 2.1952 | -0.0007 | 0.0020 |
| 005G0053 | Hoogte | 2.0042 | -0.0009 | 0.0020 |
| 005G0054 | Hoogte | 3.6997 | -0.0010 | 0.0020 |
| 005G0057 | Hoogte | 1.8505 | -0.0009 | 0.0021 |
| 005G0063 | Hoogte | 1.7902 | -0.0016 | 0.0022 |
| 005G0065 | Hoogte | 0.7934 | -0.0022 | 0.0021 |
| 005G0072 | Hoogte | 1.3153 | -0.0012 | 0.0022 |
| 005G0090 | Hoogte | 0.7797 | -0.0007 | 0.0022 |
| 005G0091 | Hoogte | 0.5863 | -0.0000 | 0.0018 |
| 005G0092 | Hoogte | 1.3531 | -0.0009 | 0.0019 |
| 005G0093 | Hoogte | 0.9855 | -0.0013 | 0.0019 |
| 005G0097 | Hoogte | 1.9201 | -0.0012 | 0.0022 |
| 005G0101 | Hoogte | 1.0014 | -0.0019 | 0.0023 |
| 005G0102 | Hoogte | 0.6922 | -0.0018 | 0.0023 |
| 005G0108 | Hoogte | 1.0368 | -0.0004 | 0.0019 |
| 005G0109 | Hoogte | 1.5250 | 0.0002 | 0.0017 |
| 005G0110 | Hoogte | 1.8035 | -0.0001 | 0.0018 |
| 005G0111 | Hoogte | 1.2862 | -0.0014 | 0.0017 |
| 005G0112 | Hoogte | 0.8062 | -0.0013 | 0.0016 |
| 005G0113 | Hoogte | 0.5048 | -0.0008 | 0.0019 |
| 005G0115 | Hoogte | 1.3011 | -0.0010 | 0.0020 |
| 005G0117 | Hoogte | 1.5184 | -0.0013 | 0.0021 |
| 005G0118 | Hoogte | 1.9593 | -0.0019 | 0.0022 |
| 005G0122 | Hoogte | 0.1787 | -0.0014 | 0.0022 |
| 005G0125 | Hoogte | 1.2351 | -0.0024 | 0.0020 |
| 005G0126 | Hoogte | 1.2051 | -0.0003 | 0.0019 |
| 005G0127 | Hoogte | 0.9138 | -0.0004 | 0.0017 |
| 005G0129 | Hoogte | 0.4637 | 0.0004 | 0.0021 |
| 005G0132 | Hoogte | 0.9084 | -0.0015 | 0.0021 |
| 005G0135 | Hoogte | 1.4992 | -0.0012 | 0.0020 |
| 005G0138 | Hoogte | 1.0022 | 0.0001 | 0.0013 |
| 005G0140 | Hoogte | 0.4364 | -0.0001 | 0.0019 |
| 005G0142 | Hoogte | 0.7737 | -0.0001 | 0.0019 |
| 005G0143 | Hoogte | 0.4691 | -0.0001 | 0.0020 |
| 005G0145 | Hoogte | 0.1313 | -0.0004 | 0.0021 |
| 005G0154 | Hoogte | 2.0232 | -0.0019 | 0.0021 |
| 005G0155 | Hoogte | 1.1950 | -0.0014 | 0.0021 |
| 005G0158 | Hoogte | 1.5647 | 0.0003 | 0.0016 |
| 005G0160 | Hoogte | 0.9296 | -0.0009 | 0.0020 |
| 005G0161 | Hoogte | 1.1128 | -0.0009 | 0.0020 |
| 005G0164 | Hoogte | 1.3227 | 0.0011 | 0.0022 |
| 005G0165 | Hoogte | 0.2391 | -0.0019 | 0.0023 |
| 005G0167 | Hoogte | 0.5968 | -0.0006 | 0.0021 |
| 005G0168 | Hoogte | 0.3444 | -0.0005 | 0.0021 |
| 005G0170 | Hoogte | 1.0754 | 0.0002 | 0.0019 |
| 005G0177 | Hoogte | 1.4762 | 0.0003 | 0.0018 |
| 005G0179 | Hoogte | 0.2702 | -0.0004 | 0.0021 |
| 005G0180 | Hoogte | 0.6144 | -0.0000 | 0.0019 |
| 005G0182 | Hoogte | 2.9738 | -0.0002 | 0.0019 |
| 005G0183 | Hoogte | 0.9093 | 0.0003 | 0.0017 |
| 005G0184 | Hoogte | 1.4936 | 0.0001 | 0.0012 |
| 005G0187 | Hoogte | 0.2966 | 0.0009 | 0.0021 |
| 005G0189 | Hoogte | 0.8970 | 0.0001 | 0.0021 |
| 005G0194 | Hoogte | 1.0582 | -0.0012 | 0.0013 |
| 005G0195 | Hoogte | 1.4464 | -0.0001 | 0.0017 |
| 005G0196 | Hoogte | 1.2111 | -0.0011 | 0.0017 |
| 005G0197 | Hoogte | 0.8038 | -0.0004 | 0.0017 |
| 005G0199 | Hoogte | 0.8016 | 0.0002 | 0.0018 |
| 005G0200 | Hoogte | 1.2834 | -0.0006 | 0.0021 |
| 005G0201 | Hoogte | 0.3744 | -0.0002 | 0.0019 |
| 005G0204 | Hoogte | 0.7793 | -0.0005 | 0.0019 |
| 005G0205 | Hoogte | 1.2329 | -0.0022 | 0.0020 |
| 005G0206 | Hoogte | 0.9842 | -0.0019 | 0.0021 |
| 005G0207 | Hoogte | 2.4315 | -0.0018 | 0.0023 |
| 005G0208 | Hoogte | 0.8982 | -0.0019 | 0.0023 |
| 005G0209 | Hoogte | -0.3010 | -0.0013 | 0.0022 |
| 005G0210 | Hoogte | 1.8411 | 0.0003 | 0.0019 |
| 005G0212 | Hoogte | 0.8641 | -0.0002 | 0.0015 |
| 005G0213 | Hoogte | 0.4294 | -0.0003 | 0.0016 |
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| 0000009 | 005G0228 | 0.0006 |
| 0000016 | 005G0036 | 0.0007 |
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| 0000017 | 0000013 | 0.0008 |
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| 0000036 | 005G0129 | 0.0006 |
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| 0000042 | 0099112 | 0.0007 |
| 0000049 | 005G0161 | 0.0006 |
| 0000050 | 0000051 | 0.0007 |
| 0000053 | 0000072 | 0.0005 |
| 0000055 | 005G0221 | 0.0006 |
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| 0000063 | 0000002 | 0.0003 |
| 0000066 | 0000050 | 0.0006 |
| 0000066 | 005G0160 | 0.0004 |
| 0000067 | 0000073 | 0.0008 |
| 0000071 | 0000052 | 0.0008 |
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| 0000073 | 000A2894 | 0.0006 |
| 0000073 | 005G0049 | 0.0007 |
| 0000074 | 0000051 | 0.0007 |
| 0000074 | 0000067 | 0.0006 |
| 0000075 | 0000070 | 0.0005 |
| 0000075 | 005G0309 | 0.0010 |
| 0000076 | 005G0246 | 0.0007 |
| 0000077 | 005G0196 | 0.0008 |
| 0000078 | 005G0168 | 0.0005 |
| 0000078 | 005G0200 | 0.0008 |
| 0000079 | 005G0271 | 0.0008 |
| 0000081 | 005G0224 | 0.0007 |
| 0000082 | 0000081 | 0.0007 |
| 0000084 | 0000079 | 0.0001 |
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| 0000101 | 0099126 | 0.0004 |
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| 0000104 | 0000105 | 0.0001 |
| 0000106 | 0000105 | 0.0001 |
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| 0000111 | 005G0246 | 0.0005 |
| 0000111 | 0099125 | 0.0005 |
| 0000112 | 0000111 | 0.0005 |
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| 0000113 | 005G0247 | 0.0008 |
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| 0000992 | 005G0196 | 0.0006 |
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| 0003044 | 005G0112 | 0.0006 |
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| 005G0032 | 005G0113 | 0.0009 |
| 005G0032 | 005G0258 | 0.0008 |
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| 005G0036 | 0000056 | 0.0002 |
| 005G0038 | 005G0129 | 0.0008 |
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| 005G0045 | 005G0265 | 0.0004 |
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| 005G0052 | 0000055 | 0.0007 |
| 005G0053 | 005G0231 | 0.0007 |
| 005G0054 | 005G0115 | 0.0004 |
| 005G0057 | 0099121 | 0.0001 |
| 005G0063 | 005G0267 | 0.0007 |
| 005G0065 | 005G0232 | 0.0007 |
| 005G0065 | 005G0233 | 0.0008 |
| 005G0072 | 005G0256 | 0.0007 |
| 005G0092 | 005G0113 | 0.0007 |
| 005G0093 | 005G0263 | 0.0003 |
| 005G0113 | 0000066 | 0.0008 |

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| 005G0115 | 005G0053 | 0.0009 |
| 005G0117 | 005G0256 | 0.0005 |
| 005G0122 | 0099002 | 0.0010 |
| 005G0127 | 0000077 | 0.0007 |
| 005G0127 | 005G0197 | 0.0004 |
| 005G0135 | 005G0093 | 0.0007 |
| 005G0135 | 005G0115 | 0.0007 |
| 005G0138 | 005G0184 | 0.0006 |
| 005G0140 | 005G0182 | 0.0005 |
| 005G0140 | 005G0252 | 0.0007 |
| 005G0142 | 0099114 | 0.0002 |
| 005G0154 | 005G0063 | 0.0008 |
| 005G0154 | 005G0118 | 0.0008 |
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| 005G0158 | 005G0291 | 0.0007 |
| 005G0160 | 005G0043 | 0.0001 |
| 005G0161 | 005G0231 | 0.0008 |
| 005G0167 | 005G0297 | 0.0003 |
| 005G0168 | 0000070 | 0.0005 |
| 005G0180 | 005G0254 | 0.0006 |
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| 005G0182 | 005G0018 | 0.0009 |
| 005G0183 | 005G0291 | 0.0004 |
| 005G0183 | 005G0293 | 0.0008 |
| 005G0184 | 000A2760 | 0.0006 |
| 005G0187 | 0000071 | 0.0004 |
| 005G0189 | 005G0221 | 0.0009 |
| 005G0194 | 005G0020 | 0.0010 |
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| 005G0196 | 005G0251 | 0.0008 |
| 005G0197 | 005G0018 | 0.0006 |
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| 005G0201 | 005G0281 | 0.0008 |
| 005G0218 | 0003023 | 0.0006 |
| 005G0223 | 005G0256 | 0.0007 |
| 005G0223 | 005G0292 | 0.0007 |
| 005G0224 | 005G0265 | 0.0008 |
| 005G0227 | 005G0201 | 0.0004 |
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| 005G0227 | 0099114 | 0.0006 |
| 005G0228 | 005G0040 | 0.0008 |
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| 005G0232 | 005G0154 | 0.0007 |
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| 005G0239 | 005G0122 | 0.0010 |
| 005G0239 | 005G0132 | 0.0002 |
| 005G0242 | 0000082 | 0.0009 |
| 005G0242 | 005G0243 | 0.0010 |
| 005G0242 | 005G0255 | 0.0007 |
| 005G0243 | 005G0244 | 0.0004 |
| 005G0244 | 005G0230 | 0.0007 |
| 005G0245 | 0000076 | 0.0006 |
| 005G0247 | 005G0035 | 0.0008 |
| 005G0248 | 005G0035 | 0.0005 |
| 005G0249 | 005G0248 | 0.0006 |
| 005G0251 | 005G0293 | 0.0009 |
| 005G0252 | 005G0033 | 0.0007 |
| 005G0252 | 005G0034 | 0.0006 |
| 005G0253 | 005G0092 | 0.0007 |
| 005G0254 | 005G0304 | 0.0005 |
| 005G0255 | 005G0117 | 0.0010 |
| 005G0256 | 005G0097 | 0.0009 |
| 005G0257 | 005G0097 | 0.0007 |
| 005G0257 | 005G0308 | 0.0008 |
| 005G0260 | 005G0305 | 0.0008 |
| 005G0261 | 0000081 | 0.0007 |
| 005G0261 | 005G0289 | 0.0007 |
| 005G0263 | 0000101 | 0.0007 |
| 005G0263 | 005G0253 | 0.0006 |
| 005G0264 | 005G0045 | 0.0008 |
| 005G0264 | 005G0279 | 0.0007 |
| 005G0266 | 005G0167 | 0.0008 |
| 005G0267 | 005G0155 | 0.0002 |
| 005G0271 | 005G0223 | 0.0008 |
| 005G0274 | 0000055 | 0.0008 |
| 005G0274 | 0004013 | 0.0007 |
| 005G0275 | 0000052 | 0.0007 |
| 005G0277 | 005G0072 | 0.0004 |
| 005G0278 | 005G0265 | 0.0009 |
| 005G0279 | 005G0035 | 0.0008 |
| 005G0280 | 005G0260 | 0.0007 |
| 005G0281 | 005G0168 | 0.0008 |
| 005G0288 | 005G0245 | 0.0009 |
| 005G0289 | 005G0271 | 0.0007 |
| 005G0290 | 005G0138 | 0.0009 |
| 005G0290 | 005G0158 | 0.0008 |
| 005G0290 | 005G0280 | 0.0007 |
| 005G0291 | 0003043 | 0.0007 |
| 005G0292 | 005G0277 | 0.0007 |

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| 005G0299 | 005G0298 | 0.0006 |
| 005G0299 | 005G0309 | 0.0005 |
| 005G0304 | 005G0218 | 0.0005 |
| 005G0305 | 005G0265 | 0.0006 |
| 005G0306 | 0000081 | 0.0006 |
| 005G0306 | 005G0288 | 0.0009 |
| 005G0308 | 005G0236 | 0.0009 |
| 005H0044 | 005G0278 | 0.0009 |
| 005H0270 | 005H0044 | 0.0006 |
| 0099001 | 0000084 | 0.0005 |
| 0099001 | 005H0270 | 0.0007 |
| 0099002 | 0004041 | 0.0004 |
| 0099115 | 005G0142 | 0.0002 |
| 0099115 | 0099127 | 0.0005 |
| 0099120 | 005G0057 | 0.0001 |
| 0099120 | 005G0065 | 0.0010 |
| 0099124 | 0000036 | 0.0005 |
| 0099125 | 0000102 | 0.0002 |
| 0099126 | 0000103 | 0.0003 |
| 0000011 | 0000010 | 0.0008 |
| 0000011 | 0099111 | 0.0008 |
| 0000012 | 0004023 | 0.0005 |
| 0000013 | 0000012 | 0.0009 |
| 0000014 | 0000010 | 0.0007 |
| 0000015 | 005D0034 | 0.0006 |
| 0000015 | 005D0088 | 0.0007 |
| 0000017 | 005G0164 | 0.0008 |
| 0000020 | 0000021 | 0.0008 |
| 0000021 | 0000023 | 0.0005 |
| 0000022 | 0000020 | 0.0007 |
| 0000022 | 005D0012 | 0.0008 |
| 0000029 | 0000030 | 0.0009 |
| 0000030 | 0000014 | 0.0006 |
| 0000030 | 005D0017 | 0.0005 |
| 0000041 | 0000040 | 0.0007 |
| 0000046 | 0000045 | 0.0007 |
| 0000047 | 0000046 | 0.0008 |
| 0000062 | 005G0028 | 0.0008 |
| 0000065 | 0000040 | 0.0007 |
| 0000065 | 005D0082 | 0.0004 |
| 0000107 | 005D0005 | 0.0006 |
| 0000107 | 005D0007 | 0.0006 |
| 0000107 | 005D0072 | 0.0007 |
| 0000910 | 005G0220 | 0.0008 |
| 0000992 | 005G0111 | 0.0005 |
| 0003001 | 005G0143 | 0.0005 |
| 0003003 | 000A2752 | 0.0005 |
| 0003003 | 005G0008 | 0.0005 |
| 0003005 | 0003006 | 0.0005 |
| 0003006 | 0003018 | 0.0002 |
| 0003010 | 005G0234 | 0.0007 |
| 0003017 | 005G0143 | 0.0001 |
| 0003018 | 0003019 | 0.0004 |
| 0003019 | 0003003 | 0.0007 |
| 0003021 | 0003045 | 0.0006 |
| 0003022 | 0003033 | 0.0004 |
| 0003024 | 0003026 | 0.0002 |
| 0003025 | 0003037 | 0.0004 |
| 0003026 | 000A2750 | 0.0001 |
| 0003027 | 000A2750 | 0.0001 |
| 0003027 | 005G0219 | 0.0003 |
| 0003028 | 0003001 | 0.0008 |
| 0003028 | 0003005 | 0.0002 |
| 0003029 | 0003028 | 0.0006 |
| 0003030 | 0003031 | 0.0006 |
| 0003031 | 0003021 | 0.0005 |
| 0003032 | 0003021 | 0.0003 |
| 0003033 | 000A2754 | 0.0001 |
| 0003034 | 0003035 | 0.0006 |
| 0003035 | 0003036 | 0.0002 |
| 0003036 | 0003024 | 0.0004 |
| 0003038 | 0003025 | 0.0003 |
| 0003039 | 0003032 | 0.0001 |
| 0003040 | 000A2760 | 0.0004 |
| 0003041 | 005G0108 | 0.0005 |
| 0003041 | 005G0312 | 0.0008 |
| 0003042 | 005D0007 | 0.0008 |
| 0003042 | 0099103 | 0.0006 |
| 0004021 | 0004022 | 0.0004 |
| 0004021 | 0099111 | 0.0004 |
| 0004023 | 0004022 | 0.0003 |
| 0004031 | 0004032 | 0.0005 |
| 0004031 | 0099110 | 0.0004 |
| 0004033 | 0000029 | 0.0004 |
| 0004033 | 005D0057 | 0.0001 |
| 000A2752 | 0098121 | 0.0008 |
| 000A2754 | 0003039 | 0.0002 |
| 000A2761 | 0003029 | 0.0001 |
| 000A2761 | 0003030 | 0.0001 |
| 000A4020 | 005D0072 | 0.0001 |
| 005D0003 | 005D0037 | 0.0005 |
| 005D0004 | 005D0005 | 0.0005 |

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| 005D0005 | 0000041 | 0.0008 |
| 005D0012 | 0000998 | 0.0007 |
| 005D0015 | 0000029 | 0.0008 |
| 005D0015 | 005D0074 | 0.0008 |
| 005D0017 | 0000015 | 0.0007 |
| 005D0034 | 0000062 | 0.0005 |
| 005D0037 | 005D0004 | 0.0004 |
| 005D0040 | 0000023 | 0.0005 |
| 005D0053 | 005D0056 | 0.0008 |
| 005D0056 | 0000014 | 0.0006 |
| 005D0057 | 0004032 | 0.0003 |
| 005D0059 | 0000022 | 0.0003 |
| 005D0059 | 0099113 | 0.0003 |
| 005D0066 | 0000998 | 0.0008 |
| 005D0066 | 005D0007 | 0.0007 |
| 005D0067 | 0000998 | 0.0005 |
| 005D0067 | 0099101 | 0.0006 |
| 005D0069 | 005D0003 | 0.0005 |
| 005D0070 | 0099101 | 0.0003 |
| 005D0081 | 000A4020 | 0.0001 |
| 005D0081 | 005D0069 | 0.0007 |
| 005D0082 | 0000998 | 0.0005 |
| 005D0083 | 0000045 | 0.0009 |
| 005D0083 | 0099110 | 0.0008 |
| 005D0084 | 005D0040 | 0.0007 |
| 005D0084 | 005D0088 | 0.0002 |
| 005D0087 | 005D0074 | 0.0004 |
| 005D0087 | 0099102 | 0.0006 |
| 005D0089 | 005D0064 | 0.0009 |
| 005D0089 | 005G0310 | 0.0009 |
| 005G0001 | 005G0312 | 0.0008 |
| 005G0004 | 005G0235 | 0.0009 |
| 005G0007 | 005G0206 | 0.0008 |
| 005G0008 | 005G0205 | 0.0005 |
| 005G0010 | 0098123 | 0.0007 |
| 005G0019 | 005G0127 | 0.0006 |
| 005G0028 | 005G0129 | 0.0007 |
| 005G0090 | 005G0001 | 0.0007 |
| 005G0091 | 005G0199 | 0.0008 |
| 005G0101 | 0000910 | 0.0009 |
| 005G0102 | 0000910 | 0.0009 |
| 005G0102 | 005G0311 | 0.0010 |
| 005G0108 | 005G0091 | 0.0008 |
| 005G0109 | 005G0285 | 0.0004 |
| 005G0110 | 005G0019 | 0.0006 |
| 005G0111 | 005G0285 | 0.0008 |
| 005G0125 | 0098120 | 0.0001 |
| 005G0126 | 005G0204 | 0.0008 |
| 005G0145 | 005G0219 | 0.0005 |
| 005G0164 | 005D0053 | 0.0008 |
| 005G0165 | 005G0208 | 0.0009 |
| 005G0170 | 005G0091 | 0.0010 |
| 005G0177 | 005G0170 | 0.0010 |
| 005G0177 | 0099117 | 0.0004 |
| 005G0179 | 005G0145 | 0.0006 |
| 005G0179 | 0098126 | 0.0001 |
| 005G0195 | 005G0110 | 0.0005 |
| 005G0195 | 005G0126 | 0.0008 |
| 005G0195 | 0098125 | 0.0004 |
| 005G0199 | 005G0109 | 0.0007 |
| 005G0204 | 0003045 | 0.0007 |
| 005G0204 | 005G0010 | 0.0006 |
| 005G0205 | 0003034 | 0.0005 |
| 005G0205 | 005G0007 | 0.0008 |
| 005G0207 | 005G0165 | 0.0010 |
| 005G0207 | 0099104 | 0.0004 |
| 005G0208 | 005G0101 | 0.0006 |
| 005G0209 | 005G0090 | 0.0006 |
| 005G0209 | 005G0234 | 0.0009 |
| 005G0210 | 005G0296 | 0.0006 |
| 005G0212 | 005G0213 | 0.0007 |
| 005G0212 | 005G0216 | 0.0008 |
| 005G0213 | 005G0303 | 0.0009 |
| 005G0214 | 000A2758 | 0.0005 |
| 005G0216 | 0003040 | 0.0008 |
| 005G0220 | 005G0235 | 0.0007 |
| 005G0227 | 0003017 | 0.0006 |
| 005G0266 | 0000023 | 0.0006 |
| 005G0286 | 005G0004 | 0.0009 |
| 005G0286 | 0098120 | 0.0007 |
| 005G0287 | 0098126 | 0.0004 |
| 005G0294 | 005G0285 | 0.0004 |
| 005G0295 | 0003022 | 0.0005 |
| 005G0296 | 000A2756 | 0.0002 |
| 005G0297 | 005G0287 | 0.0009 |
| 005G0301 | 000A2756 | 0.0004 |
| 005G0302 | 005G0108 | 0.0007 |
| 005G0302 | 005G0301 | 0.0007 |
| 005G0303 | 000A2758 | 0.0002 |
| 005G0304 | 005G0295 | 0.0007 |
| 005G0310 | 000A2748 | 0.0006 |
| 005G0310 | 005G0206 | 0.0007 |

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| 005G0311 | 0003010 | 0.0006 |
| 0098121 | 005G0125 | 0.0001 |
| 0098123 | 005G0125 | 0.0001 |
| 0098125 | 005G0294 | 0.0001 |
| 0099102 | 005D0070 | 0.0004 |
| 0099103 | 0000047 | 0.0002 |
| 0099104 | 005D0064 | 0.0003 |
| 0099113 | 000A2748 | 0.0004 |
| 0099116 | 0003038 | 0.0002 |
| 0099116 | 005G0214 | 0.0007 |
| 0099117 | 0003037 | 0.0002 |
| 0099119 | 005G0199 | 0.0004 |
| 0099119 | 005G0210 | 0.0007 |

VEREFFENDE WAARNEMINGEN

| | Station | Richtpunt | Vereff wn | Corr | Sa |
|----|----------|-----------|-----------|----------|-----------|
| DH | 0000001 | 0099124 | -0.09506 | -0.00004 | 0.00029 m |
| DH | 0000002 | 0000001 | -0.12927 | -0.00003 | 0.00023 m |
| DH | 0000008 | 005G0309 | 0.43372 | -0.00012 | 0.00073 m |
| DH | 0000009 | 0000008 | 0.22403 | -0.00013 | 0.00075 m |
| DH | 0000009 | 005G0187 | -0.42852 | -0.00008 | 0.00068 m |
| DH | 0000009 | 005G0228 | -0.36764 | 0.00014 | 0.00061 m |
| DH | 0000016 | 005G0036 | 0.65160 | -0.00020 | 0.00070 m |
| DH | 0000016 | 005G0038 | 3.39725 | 0.00005 | 0.00060 m |
| DH | 0000016 | 005G0039 | 0.54957 | 0.00013 | 0.00071 m |
| DH | 0000017 | 0000013 | 0.06612 | -0.00002 | 0.00081 m |
| DH | 0000024 | 0000035 | 0.31868 | -0.00008 | 0.00044 m |
| DH | 0000027 | 0000110 | 1.41307 | 0.00003 | 0.00067 m |
| DH | 0000028 | 0000027 | -0.16472 | 0.00002 | 0.00056 m |
| DH | 0000028 | 0000086 | -1.06319 | -0.00001 | 0.00044 m |
| DH | 0000032 | 0000013 | 1.33064 | 0.00036 | 0.00089 m |
| DH | 0000033 | 0000063 | 1.68112 | -0.00012 | 0.00052 m |
| DH | 0000035 | 0000033 | -0.21146 | -0.00014 | 0.00055 m |
| DH | 0000036 | 005G0129 | 0.54449 | -0.00019 | 0.00059 m |
| DH | 0000042 | 0000032 | -1.48258 | 0.00048 | 0.00100 m |
| DH | 0000042 | 0099112 | 0.10530 | -0.00020 | 0.00068 m |
| DH | 0000049 | 005G0161 | 1.93981 | -0.00001 | 0.00059 m |
| DH | 0000050 | 0000051 | -1.49898 | 0.00008 | 0.00068 m |
| DH | 0000053 | 0000072 | 0.04155 | -0.00005 | 0.00055 m |
| DH | 0000055 | 005G0221 | 0.49033 | -0.00023 | 0.00061 m |
| DH | 0000056 | 0000017 | 0.14370 | -0.00010 | 0.00052 m |
| DH | 0000063 | 0000002 | -0.36575 | -0.00005 | 0.00033 m |
| DH | 0000066 | 0000050 | 0.16934 | 0.00006 | 0.00059 m |
| DH | 0000066 | 005G0160 | 0.42730 | -0.00000 | 0.00042 m |
| DH | 0000067 | 0000073 | -0.32321 | 0.00011 | 0.00079 m |
| DH | 0000071 | 0000052 | 0.40093 | -0.00013 | 0.00083 m |
| DH | 0000072 | 0000052 | 1.06788 | -0.00008 | 0.00069 m |
| DH | 0000073 | 000A2894 | -0.75853 | -0.00007 | 0.00064 m |
| DH | 0000073 | 005G0049 | 0.33855 | 0.00015 | 0.00066 m |
| DH | 0000074 | 0000051 | -0.55782 | -0.00008 | 0.00068 m |
| DH | 0000074 | 0000067 | 1.05435 | 0.00005 | 0.00057 m |
| DH | 0000075 | 0000070 | -0.26286 | -0.00004 | 0.00054 m |
| DH | 0000075 | 005G0309 | 1.75624 | 0.00016 | 0.00096 m |
| DH | 0000076 | 005G0246 | 0.89610 | -0.00020 | 0.00070 m |
| DH | 0000077 | 005G0196 | 0.76801 | 0.00039 | 0.00080 m |
| DH | 0000078 | 005G0168 | 0.96101 | -0.00001 | 0.00046 m |
| DH | 0000078 | 005G0200 | 1.90006 | 0.00004 | 0.00075 m |
| DH | 0000079 | 005G0271 | -0.20002 | -0.00018 | 0.00084 m |
| DH | 0000081 | 005G0224 | -0.05416 | 0.00026 | 0.00072 m |
| DH | 0000082 | 0000081 | 0.03310 | 0.00010 | 0.00074 m |
| DH | 0000084 | 0000079 | -0.05140 | -0.00000 | 0.00012 m |
| DH | 0000086 | 0000063 | 1.75111 | -0.00001 | 0.00046 m |
| DH | 0000101 | 0099126 | -0.01938 | 0.00008 | 0.00043 m |
| DH | 0000102 | 0000103 | -0.03368 | -0.00002 | 0.00019 m |
| DH | 0000104 | 0000053 | -0.26889 | -0.00001 | 0.00023 m |
| DH | 0000104 | 0000105 | 0.09900 | 0.00000 | 0.00010 m |
| DH | 0000106 | 0000105 | 0.18020 | -0.00000 | 0.00012 m |
| DH | 0000106 | 000A2894 | -0.24800 | 0.00000 | 0.00015 m |
| DH | 0000110 | 005G0298 | -1.20734 | 0.00004 | 0.00074 m |
| DH | 0000111 | 005G0246 | 1.43871 | 0.00009 | 0.00047 m |
| DH | 0000111 | 0099125 | 1.01411 | -0.00011 | 0.00049 m |
| DH | 0000112 | 0000111 | -0.02308 | -0.00002 | 0.00052 m |
| DH | 0000113 | 0000112 | -0.80988 | -0.00002 | 0.00054 m |
| DH | 0000113 | 005G0247 | 1.05216 | 0.00004 | 0.00081 m |
| DH | 0000992 | 0003044 | -0.46559 | -0.00001 | 0.00052 m |
| DH | 0000992 | 005G0196 | -0.08567 | -0.00023 | 0.00062 m |
| DH | 0000993 | 0000024 | -0.14825 | -0.00005 | 0.00033 m |
| DH | 0000993 | 005G0266 | 1.48692 | 0.00028 | 0.00075 m |
| DH | 0003023 | 005G0018 | -0.30014 | 0.00004 | 0.00057 m |
| DH | 0003043 | 005G0249 | 0.93247 | -0.00007 | 0.00104 m |
| DH | 0003044 | 005G0112 | -0.02499 | -0.00001 | 0.00063 m |
| DH | 0004011 | 0004012 | -8.08914 | -0.00006 | 0.00040 m |
| DH | 0004011 | 0099112 | -7.93077 | 0.00007 | 0.00043 m |
| DH | 0004012 | 005G0132 | -0.45899 | -0.00001 | 0.00018 m |
| DH | 0004013 | 005G0239 | 0.41148 | 0.00002 | 0.00023 m |
| DH | 0004041 | 0004042 | -7.93680 | -0.00000 | 0.00042 m |
| DH | 0004042 | 0004043 | -0.97220 | -0.00000 | 0.00022 m |
| DH | 0004043 | 005G0118 | 1.68470 | -0.00000 | 0.00028 m |
| DH | 000A2760 | 005G0021 | 0.69869 | 0.00001 | 0.00044 m |
| DH | 005G0018 | 005G0258 | 0.14948 | 0.00002 | 0.00062 m |
| DH | 005G0020 | 005G0112 | -0.74993 | 0.00003 | 0.00096 m |
| DH | 005G0032 | 005G0113 | -0.45731 | 0.00041 | 0.00089 m |

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|----|----------|----------|----------|----------|-----------|
| DH | 005G0032 | 005G0258 | -0.12456 | -0.00004 | 0.00080 m |
| DH | 005G0033 | 005G0032 | -1.60419 | 0.00009 | 0.00048 m |
| DH | 005G0034 | 005G0248 | -0.66286 | -0.00024 | 0.00068 m |
| DH | 005G0036 | 0000056 | -0.03269 | -0.00001 | 0.00016 m |
| DH | 005G0038 | 005G0129 | -3.37340 | 0.00010 | 0.00078 m |
| DH | 005G0039 | 005G0189 | -0.09235 | 0.00025 | 0.00064 m |
| DH | 005G0040 | 005G0039 | -1.80397 | 0.00007 | 0.00043 m |
| DH | 005G0043 | 0000049 | -1.85259 | -0.00001 | 0.00084 m |
| DH | 005G0045 | 005G0265 | -1.08083 | -0.00007 | 0.00040 m |
| DH | 005G0049 | 0000055 | -1.41713 | 0.00013 | 0.00063 m |
| DH | 005G0052 | 0000055 | -2.81211 | -0.00009 | 0.00074 m |
| DH | 005G0053 | 005G0231 | -0.73933 | -0.00007 | 0.00071 m |
| DH | 005G0054 | 005G0115 | -2.39861 | 0.00001 | 0.00039 m |
| DH | 005G0063 | 005G0267 | -0.56472 | -0.00018 | 0.00070 m |
| DH | 005G0065 | 005G0232 | 0.33718 | -0.00018 | 0.00072 m |
| DH | 005G0065 | 005G0233 | 0.87933 | 0.00007 | 0.00076 m |
| DH | 005G0072 | 005G0256 | -0.16753 | 0.00013 | 0.00074 m |
| DH | 005G0092 | 005G0113 | -0.84823 | -0.00017 | 0.00075 m |
| DH | 005G0093 | 005G0263 | -0.41232 | 0.00002 | 0.00033 m |
| DH | 005G0113 | 0000066 | -0.00251 | 0.00011 | 0.00082 m |
| DH | 005G0115 | 005G0053 | 0.70312 | -0.00012 | 0.00087 m |
| DH | 005G0117 | 005G0256 | -0.37060 | 0.00000 | 0.00051 m |
| DH | 005G0122 | 0099002 | 1.45122 | -0.00002 | 0.00099 m |
| DH | 005G0127 | 0000077 | -0.47067 | 0.00027 | 0.00069 m |
| DH | 005G0127 | 005G0197 | -0.10997 | -0.00003 | 0.00038 m |
| DH | 005G0135 | 005G0093 | -0.51370 | 0.00010 | 0.00070 m |
| DH | 005G0135 | 005G0115 | -0.19819 | -0.00011 | 0.00075 m |
| DH | 005G0138 | 005G0184 | 0.49134 | 0.00006 | 0.00057 m |
| DH | 005G0140 | 005G0182 | 2.53747 | 0.00003 | 0.00050 m |
| DH | 005G0140 | 005G0252 | 2.16018 | -0.00008 | 0.00075 m |
| DH | 005G0142 | 0099114 | -0.94521 | 0.00001 | 0.00018 m |
| DH | 005G0154 | 005G0063 | -0.23303 | -0.00027 | 0.00082 m |
| DH | 005G0154 | 005G0118 | -0.06391 | 0.00001 | 0.00082 m |
| DH | 005G0155 | 005G0274 | 0.38636 | -0.00026 | 0.00081 m |
| DH | 005G0158 | 005G0291 | -1.12071 | 0.00001 | 0.00074 m |
| DH | 005G0160 | 005G0043 | 0.09600 | -0.00000 | 0.00014 m |
| DH | 005G0161 | 005G0231 | 0.15201 | -0.00001 | 0.00081 m |
| DH | 005G0167 | 005G0297 | -0.85249 | -0.00001 | 0.00026 m |
| DH | 005G0168 | 0000070 | -0.98064 | 0.00004 | 0.00052 m |
| DH | 005G0180 | 005G0254 | -0.06042 | -0.00008 | 0.00060 m |
| DH | 005G0180 | 0099127 | 0.41220 | 0.00000 | 0.00011 m |
| DH | 005G0182 | 005G0018 | -2.28573 | 0.00013 | 0.00088 m |
| DH | 005G0183 | 005G0291 | -0.46529 | -0.00001 | 0.00039 m |
| DH | 005G0183 | 005G0293 | 2.30016 | 0.00004 | 0.00078 m |
| DH | 005G0184 | 000A2760 | -1.20958 | 0.00008 | 0.00062 m |
| DH | 005G0187 | 0000071 | 0.17532 | -0.00002 | 0.00039 m |
| DH | 005G0189 | 005G0221 | -1.02365 | 0.00055 | 0.00087 m |
| DH | 005G0194 | 005G0020 | 0.49797 | 0.00003 | 0.00096 m |
| DH | 005G0194 | 005G0021 | -0.07549 | -0.00001 | 0.00073 m |
| DH | 005G0196 | 005G0251 | -1.22446 | -0.00004 | 0.00079 m |
| DH | 005G0197 | 005G0018 | -0.11573 | -0.00007 | 0.00058 m |
| DH | 005G0200 | 005G0297 | -1.53913 | 0.00003 | 0.00060 m |
| DH | 005G0201 | 005G0281 | 0.56435 | 0.00015 | 0.00081 m |
| DH | 005G0218 | 0003023 | 0.28996 | 0.00004 | 0.00056 m |
| DH | 005G0223 | 005G0256 | 0.46852 | -0.00022 | 0.00071 m |
| DH | 005G0223 | 005G0292 | -0.61411 | 0.00011 | 0.00069 m |
| DH | 005G0224 | 005G0265 | 1.73939 | 0.00031 | 0.00077 m |
| DH | 005G0227 | 005G0201 | -0.42683 | 0.00003 | 0.00040 m |
| DH | 005G0227 | 005G0275 | 0.10408 | 0.00022 | 0.00078 m |
| DH | 005G0227 | 0099114 | -0.97270 | -0.00010 | 0.00064 m |
| DH | 005G0228 | 005G0040 | 2.43586 | 0.00024 | 0.00076 m |
| DH | 005G0230 | 005G0054 | 2.13999 | 0.00001 | 0.00055 m |
| DH | 005G0230 | 0099121 | -0.33865 | -0.00015 | 0.00081 m |
| DH | 005G0231 | 005G0052 | 0.93031 | -0.00011 | 0.00079 m |
| DH | 005G0232 | 005G0154 | 0.89265 | -0.00015 | 0.00066 m |
| DH | 005G0233 | 005G0307 | -0.59660 | 0.00010 | 0.00089 m |
| DH | 005G0236 | 005G0307 | -0.00160 | -0.00010 | 0.00086 m |
| DH | 005G0239 | 005G0122 | -1.50398 | -0.00002 | 0.00098 m |
| DH | 005G0239 | 005G0132 | -0.77421 | 0.00001 | 0.00019 m |
| DH | 005G0242 | 0000082 | -2.07775 | 0.00015 | 0.00087 m |
| DH | 005G0242 | 005G0243 | -0.54140 | -0.00020 | 0.00101 m |
| DH | 005G0242 | 005G0255 | -1.10760 | 0.00000 | 0.00070 m |
| DH | 005G0243 | 005G0244 | -0.61177 | -0.00003 | 0.00045 m |
| DH | 005G0244 | 005G0230 | 0.71558 | -0.00008 | 0.00068 m |
| DH | 005G0245 | 0000076 | -1.03598 | -0.00012 | 0.00056 m |
| DH | 005G0247 | 005G0035 | 2.07716 | 0.00004 | 0.00080 m |
| DH | 005G0248 | 005G0035 | 2.44365 | -0.00015 | 0.00053 m |
| DH | 005G0249 | 005G0248 | -0.39208 | -0.00002 | 0.00063 m |
| DH | 005G0251 | 005G0293 | 3.22276 | -0.00006 | 0.00093 m |
| DH | 005G0252 | 005G0033 | -0.03021 | 0.00021 | 0.00069 m |
| DH | 005G0252 | 005G0034 | -1.39878 | -0.00022 | 0.00065 m |
| DH | 005G0253 | 005G0092 | 0.32915 | -0.00015 | 0.00070 m |
| DH | 005G0254 | 005G0304 | 0.62094 | -0.00004 | 0.00045 m |
| DH | 005G0255 | 005G0117 | 0.62870 | 0.00000 | 0.00096 m |
| DH | 005G0256 | 005G0097 | 0.77230 | -0.00010 | 0.00089 m |
| DH | 005G0257 | 005G0097 | 2.24343 | 0.00007 | 0.00073 m |
| DH | 005G0257 | 005G0308 | 2.78258 | -0.00008 | 0.00078 m |
| DH | 005G0260 | 005G0305 | 0.47974 | -0.00014 | 0.00079 m |
| DH | 005G0261 | 0000081 | -0.57385 | -0.00005 | 0.00067 m |
| DH | 005G0261 | 005G0289 | 0.14144 | 0.00006 | 0.00070 m |
| DH | 005G0263 | 0000101 | -0.54741 | 0.00021 | 0.00067 m |
| DH | 005G0263 | 005G0253 | 0.45069 | -0.00009 | 0.00056 m |

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|----|----------|----------|----------|----------|-----------|
| DH | 005G0264 | 005G0045 | 1.47619 | -0.00039 | 0.00084 m |
| DH | 005G0264 | 005G0279 | -0.65422 | 0.00022 | 0.00067 m |
| DH | 005G0266 | 005G0167 | -0.25105 | -0.00015 | 0.00079 m |
| DH | 005G0267 | 005G0155 | -0.03049 | -0.00001 | 0.00019 m |
| DH | 005G0271 | 005G0223 | 0.93659 | -0.00009 | 0.00079 m |
| DH | 005G0274 | 0000055 | -2.19826 | -0.00054 | 0.00079 m |
| DH | 005G0274 | 0004013 | -0.31015 | 0.00025 | 0.00074 m |
| DH | 005G0275 | 0000052 | -0.03245 | 0.00015 | 0.00067 m |
| DH | 005G0277 | 005G0072 | -1.63533 | 0.00003 | 0.00042 m |
| DH | 005G0278 | 005G0265 | 1.07947 | 0.00023 | 0.00093 m |
| DH | 005G0279 | 005G0035 | 2.39027 | 0.00033 | 0.00079 m |
| DH | 005G0280 | 005G0260 | -0.86068 | -0.00012 | 0.00075 m |
| DH | 005G0281 | 005G0168 | -0.59434 | 0.00014 | 0.00079 m |
| DH | 005G0288 | 005G0245 | -0.10248 | -0.00032 | 0.00086 m |
| DH | 005G0289 | 005G0271 | -0.92525 | 0.00005 | 0.00068 m |
| DH | 005G0290 | 005G0138 | -1.30976 | 0.00016 | 0.00086 m |
| DH | 005G0290 | 005G0158 | -0.74731 | 0.00001 | 0.00082 m |
| DH | 005G0290 | 005G0280 | -1.51488 | -0.00012 | 0.00075 m |
| DH | 005G0291 | 0003043 | -0.44948 | -0.00002 | 0.00066 m |
| DH | 005G0292 | 005G0277 | 2.88549 | 0.00011 | 0.00071 m |
| DH | 005G0299 | 005G0298 | 0.13202 | -0.00002 | 0.00060 m |
| DH | 005G0299 | 005G0309 | 1.16078 | 0.00002 | 0.00049 m |
| DH | 005G0304 | 005G0218 | -0.47663 | 0.00003 | 0.00045 m |
| DH | 005G0305 | 005G0265 | 1.22167 | -0.00007 | 0.00059 m |
| DH | 005G0306 | 0000081 | -0.88396 | 0.00016 | 0.00064 m |
| DH | 005G0306 | 005G0288 | -0.13926 | -0.00034 | 0.00087 m |
| DH | 005G0308 | 005G0236 | -1.38150 | -0.00010 | 0.00087 m |
| DH | 005H0044 | 005G0278 | -0.34729 | 0.00019 | 0.00086 m |
| DH | 005H0270 | 005H0044 | -0.48710 | 0.00010 | 0.00065 m |
| DH | 0099001 | 0000084 | -0.52583 | -0.00007 | 0.00054 m |
| DH | 0099001 | 005H0270 | 0.87287 | 0.00013 | 0.00074 m |
| DH | 0099002 | 0004041 | 7.55370 | -0.00000 | 0.00042 m |
| DH | 0099115 | 005G0142 | 0.96459 | 0.00001 | 0.00019 m |
| DH | 0099115 | 0099127 | 1.21745 | -0.00005 | 0.00050 m |
| DH | 0099120 | 005G0057 | 0.59550 | 0.00000 | 0.00014 m |
| DH | 0099120 | 005G0065 | -0.46167 | -0.00023 | 0.00096 m |
| DH | 0099121 | 005G0057 | 0.62950 | -0.00000 | 0.00015 m |
| DH | 0099124 | 0000036 | -0.49177 | -0.00013 | 0.00049 m |
| DH | 0099125 | 0000102 | 0.13112 | -0.00002 | 0.00022 m |
| DH | 0099126 | 0000103 | 0.12136 | 0.00004 | 0.00028 m |
| DH | 0000011 | 0000010 | -0.32225 | 0.00025 | 0.00077 m |
| DH | 0000011 | 0099111 | 0.10194 | -0.00024 | 0.00077 m |
| DH | 0000012 | 0004023 | -1.32919 | 0.00009 | 0.00050 m |
| DH | 0000013 | 0000012 | 0.07746 | 0.00034 | 0.00088 m |
| DH | 0000014 | 0000010 | -1.10702 | -0.00018 | 0.00066 m |
| DH | 0000015 | 005D0034 | 0.01148 | 0.00012 | 0.00056 m |
| DH | 0000015 | 005D0088 | 0.08278 | -0.00018 | 0.00071 m |
| DH | 0000017 | 005G0164 | 0.12022 | -0.00022 | 0.00077 m |
| DH | 0000020 | 0000021 | 1.72857 | -0.00027 | 0.00084 m |
| DH | 0000021 | 0000023 | -0.78523 | -0.00007 | 0.00047 m |
| DH | 0000022 | 0000020 | -1.08904 | -0.00016 | 0.00067 m |
| DH | 0000022 | 005D0012 | 2.56389 | 0.00001 | 0.00081 m |
| DH | 0000029 | 0000030 | 0.59749 | 0.00001 | 0.00087 m |
| DH | 0000030 | 0000014 | 0.70602 | -0.00002 | 0.00059 m |
| DH | 0000030 | 005D0017 | -0.38162 | 0.00002 | 0.00054 m |
| DH | 0000041 | 0000040 | -0.08573 | -0.00017 | 0.00068 m |
| DH | 0000046 | 0000045 | -0.56152 | 0.00012 | 0.00072 m |
| DH | 0000047 | 0000046 | 3.20345 | 0.00015 | 0.00077 m |
| DH | 0000062 | 005G0028 | -0.38486 | 0.00026 | 0.00077 m |
| DH | 0000065 | 0000040 | 0.00619 | 0.00021 | 0.00074 m |
| DH | 0000065 | 005D0082 | -0.11956 | -0.00004 | 0.00036 m |
| DH | 0000107 | 005D0005 | 0.34445 | -0.00025 | 0.00058 m |
| DH | 0000107 | 005D0007 | 0.44627 | 0.00013 | 0.00061 m |
| DH | 0000107 | 005D0072 | 4.46316 | 0.00014 | 0.00066 m |
| DH | 0000910 | 005G0220 | -0.20065 | 0.00015 | 0.00082 m |
| DH | 0000992 | 005G0111 | -0.01063 | 0.00013 | 0.00047 m |
| DH | 0003001 | 005G0143 | -0.74177 | 0.00007 | 0.00050 m |
| DH | 0003003 | 000A2752 | -1.10192 | 0.00002 | 0.00053 m |
| DH | 0003003 | 005G0008 | 0.64894 | -0.00004 | 0.00054 m |
| DH | 0003005 | 0003006 | -0.12798 | -0.00002 | 0.00052 m |
| DH | 0003006 | 0003018 | 0.03410 | -0.00000 | 0.00017 m |
| DH | 0003010 | 005G0234 | 1.87579 | -0.00009 | 0.00074 m |
| DH | 0003017 | 005G0143 | 0.01681 | -0.00001 | 0.00014 m |
| DH | 0003018 | 0003019 | 0.29611 | -0.00001 | 0.00044 m |
| DH | 0003019 | 0003003 | 0.43913 | -0.00003 | 0.00065 m |
| DH | 0003021 | 0003045 | 0.02471 | -0.00021 | 0.00059 m |
| DH | 0003022 | 0003033 | -0.73444 | -0.00006 | 0.00042 m |
| DH | 0003024 | 0003026 | -0.63480 | 0.00000 | 0.00015 m |
| DH | 0003025 | 0003037 | 0.33238 | 0.00002 | 0.00036 m |
| DH | 0003026 | 000A2750 | -0.18390 | 0.00000 | 0.00012 m |
| DH | 0003027 | 000A2750 | -0.23070 | -0.00000 | 0.00012 m |
| DH | 0003027 | 005G0219 | 0.71089 | 0.00001 | 0.00026 m |
| DH | 0003028 | 0003001 | 1.43967 | 0.00023 | 0.00079 m |
| DH | 0003028 | 0003005 | 0.50400 | -0.00000 | 0.00019 m |
| DH | 0003029 | 0003028 | 0.50259 | 0.00011 | 0.00065 m |
| DH | 0003030 | 0003031 | -0.80541 | -0.00009 | 0.00061 m |
| DH | 0003031 | 0003021 | 0.94296 | -0.00006 | 0.00049 m |
| DH | 0003032 | 0003021 | 0.73813 | -0.00003 | 0.00030 m |
| DH | 0003033 | 000A2754 | -0.19450 | -0.00000 | 0.00008 m |
| DH | 0003034 | 0003035 | -0.24886 | 0.00006 | 0.00065 m |
| DH | 0003035 | 0003036 | -0.04840 | 0.00000 | 0.00019 m |
| DH | 0003036 | 0003024 | 0.16428 | 0.00002 | 0.00040 m |

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|----|----------|----------|----------|----------|-----------|
| DH | 0003038 | 0003025 | 0.25369 | 0.00001 | 0.00026 m |
| DH | 0003039 | 0003032 | -0.30080 | -0.00000 | 0.00012 m |
| DH | 0003040 | 000A2760 | -0.47177 | -0.00003 | 0.00040 m |
| DH | 0003041 | 005G0108 | -0.13955 | -0.00005 | 0.00054 m |
| DH | 0003041 | 005G0312 | -0.81220 | 0.00010 | 0.00079 m |
| DH | 0003042 | 005D0007 | -2.06944 | -0.00016 | 0.00080 m |
| DH | 0003042 | 0099103 | -1.33818 | 0.00008 | 0.00057 m |
| DH | 0004021 | 0004022 | -8.27275 | -0.00005 | 0.00037 m |
| DH | 0004021 | 0099111 | -8.10285 | 0.00005 | 0.00037 m |
| DH | 0004023 | 0004022 | 1.22897 | 0.00003 | 0.00030 m |
| DH | 0004031 | 0004032 | -8.34826 | 0.00006 | 0.00050 m |
| DH | 0004031 | 0099110 | -8.14036 | -0.00004 | 0.00041 m |
| DH | 0004033 | 0000029 | 0.76747 | 0.00003 | 0.00039 m |
| DH | 0004033 | 005D0057 | 0.78710 | -0.00000 | 0.00013 m |
| DH | 000A2752 | 0098121 | 1.08215 | 0.00005 | 0.00081 m |
| DH | 000A2754 | 0003039 | 0.36131 | -0.00001 | 0.00015 m |
| DH | 000A2761 | 0003029 | -0.29830 | 0.00000 | 0.00010 m |
| DH | 000A2761 | 0003030 | 0.87850 | -0.00000 | 0.00013 m |
| DH | 000A4020 | 005D0072 | -0.85490 | -0.00000 | 0.00014 m |
| DH | 005D0003 | 005D0037 | -0.70119 | 0.00009 | 0.00055 m |
| DH | 005D0004 | 005D0005 | 0.29014 | 0.00006 | 0.00045 m |
| DH | 005D0005 | 0000041 | -1.14878 | -0.00022 | 0.00075 m |
| DH | 005D0012 | 0000998 | 0.09649 | 0.00001 | 0.00071 m |
| DH | 005D0015 | 0000029 | -0.02155 | -0.00015 | 0.00080 m |
| DH | 005D0015 | 005D0074 | 0.23245 | 0.00015 | 0.00080 m |
| DH | 005D0017 | 0000015 | 0.95037 | 0.00003 | 0.00068 m |
| DH | 005D0034 | 0000062 | -0.47710 | 0.00010 | 0.00051 m |
| DH | 005D0037 | 005D0004 | -0.97514 | 0.00004 | 0.00039 m |
| DH | 005D0040 | 0000023 | -0.45061 | -0.00009 | 0.00053 m |
| DH | 005D0053 | 005D0056 | -0.31222 | -0.00028 | 0.00084 m |
| DH | 005D0056 | 0000014 | 0.74172 | -0.00012 | 0.00059 m |
| DH | 005D0057 | 0004032 | 0.42623 | -0.00003 | 0.00033 m |
| DH | 005D0059 | 0000022 | -1.69757 | -0.00003 | 0.00033 m |
| DH | 005D0059 | 0099113 | -0.72573 | 0.00003 | 0.00029 m |
| DH | 005D0066 | 0000998 | 0.49423 | 0.00007 | 0.00075 m |
| DH | 005D0066 | 005D0007 | -0.14145 | -0.00005 | 0.00067 m |
| DH | 005D0067 | 0000998 | 1.79344 | 0.00006 | 0.00052 m |
| DH | 005D0067 | 0099101 | 4.66069 | -0.00009 | 0.00062 m |
| DH | 005D0069 | 005D0003 | -0.56207 | 0.00007 | 0.00049 m |
| DH | 005D0070 | 0099101 | 0.14387 | 0.00003 | 0.00035 m |
| DH | 005D0081 | 000A4020 | 0.52571 | -0.00001 | 0.00015 m |
| DH | 005D0081 | 005D0069 | -2.49966 | 0.00016 | 0.00069 m |
| DH | 005D0082 | 0000998 | 2.09778 | -0.00008 | 0.00049 m |
| DH | 005D0083 | 0000045 | 0.78198 | -0.00018 | 0.00086 m |
| DH | 005D0083 | 0099110 | -3.34624 | 0.00014 | 0.00075 m |
| DH | 005D0084 | 005D0040 | -1.66632 | -0.00018 | 0.00072 m |
| DH | 005D0084 | 005D0088 | -0.01651 | 0.00001 | 0.00015 m |
| DH | 005D0087 | 005D0074 | -3.91527 | -0.00003 | 0.00039 m |
| DH | 005D0087 | 0099102 | 0.64931 | 0.00009 | 0.00062 m |
| DH | 005D0089 | 005D0064 | 0.02075 | 0.00005 | 0.00091 m |
| DH | 005D0089 | 005G0310 | 0.56064 | -0.00004 | 0.00087 m |
| DH | 005G0001 | 005G0312 | -0.15921 | -0.00009 | 0.00075 m |
| DH | 005G0004 | 005G0235 | -0.56712 | -0.00018 | 0.00088 m |
| DH | 005G0007 | 005G0206 | 1.23979 | -0.00019 | 0.00080 m |
| DH | 005G0008 | 005G0205 | -0.33267 | -0.00003 | 0.00050 m |
| DH | 005G0010 | 0098123 | 0.01935 | -0.00015 | 0.00069 m |
| DH | 005G0019 | 005G0127 | -0.77863 | 0.00013 | 0.00063 m |
| DH | 005G0028 | 005G0129 | -0.64712 | 0.00022 | 0.00073 m |
| DH | 005G0090 | 005G0001 | -0.25633 | -0.00007 | 0.00067 m |
| DH | 005G0091 | 005G0199 | 0.21528 | -0.00018 | 0.00078 m |
| DH | 005G0101 | 0000910 | 0.13516 | 0.00004 | 0.00089 m |
| DH | 005G0102 | 0000910 | 0.44435 | 0.00015 | 0.00095 m |
| DH | 005G0102 | 005G0311 | 0.36309 | -0.00019 | 0.00104 m |
| DH | 005G0108 | 005G0091 | -0.45055 | -0.00035 | 0.00084 m |
| DH | 005G0109 | 005G0285 | -0.78240 | 0.00000 | 0.00039 m |
| DH | 005G0110 | 005G0019 | -0.11103 | 0.00013 | 0.00062 m |
| DH | 005G0111 | 005G0285 | -0.54361 | 0.00051 | 0.00082 m |
| DH | 005G0125 | 0098120 | -0.33850 | -0.00000 | 0.00010 m |
| DH | 005G0126 | 005G0204 | -0.42583 | 0.00023 | 0.00083 m |
| DH | 005G0145 | 005G0219 | 0.77234 | -0.00004 | 0.00053 m |
| DH | 005G0164 | 005D0053 | 0.34637 | -0.00027 | 0.00083 m |
| DH | 005G0165 | 005G0208 | 0.65906 | 0.00004 | 0.00089 m |
| DH | 005G0170 | 005G0091 | -0.48908 | 0.00018 | 0.00099 m |
| DH | 005G0177 | 005G0170 | -0.40087 | 0.00017 | 0.00097 m |
| DH | 005G0177 | 0099117 | -0.49647 | -0.00003 | 0.00041 m |
| DH | 005G0179 | 005G0145 | -0.13885 | -0.00005 | 0.00059 m |
| DH | 005G0179 | 0098126 | 0.35550 | 0.00000 | 0.00011 m |
| DH | 005G0195 | 005G0110 | 0.35701 | 0.00009 | 0.00053 m |
| DH | 005G0195 | 005G0126 | -0.24134 | 0.00024 | 0.00084 m |
| DH | 005G0195 | 0098125 | -0.56289 | -0.00011 | 0.00042 m |
| DH | 005G0199 | 005G0109 | 0.72340 | 0.00000 | 0.00075 m |
| DH | 005G0204 | 0003045 | -0.17155 | 0.00035 | 0.00072 m |
| DH | 005G0204 | 005G0010 | 0.09832 | -0.00012 | 0.00063 m |
| DH | 005G0205 | 0003034 | -0.31913 | 0.00003 | 0.00051 m |
| DH | 005G0205 | 005G0007 | -1.48843 | -0.00017 | 0.00077 m |
| DH | 005G0207 | 005G0165 | -2.19235 | 0.00005 | 0.00095 m |
| DH | 005G0207 | 0099104 | -1.95149 | -0.00001 | 0.00042 m |
| DH | 005G0208 | 005G0101 | 0.10318 | 0.00002 | 0.00058 m |
| DH | 005G0209 | 005G0090 | 1.08076 | -0.00006 | 0.00064 m |
| DH | 005G0209 | 005G0234 | 3.08785 | 0.00015 | 0.00094 m |
| DH | 005G0210 | 005G0296 | -1.21931 | -0.00009 | 0.00061 m |
| DH | 005G0212 | 005G0213 | -0.43468 | 0.00008 | 0.00070 m |

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|----|----------|----------|----------|----------|-----------|
| DH | 005G0212 | 005G0216 | 0.29170 | -0.00010 | 0.00078 m |
| DH | 005G0213 | 005G0303 | -0.16963 | 0.00013 | 0.00086 m |
| DH | 005G0214 | 000A2758 | -1.39265 | -0.00005 | 0.00055 m |
| DH | 005G0216 | 0003040 | -0.40000 | -0.00010 | 0.00075 m |
| DH | 005G0220 | 005G0235 | -0.83949 | 0.00009 | 0.00066 m |
| DH | 005G0227 | 0003017 | -0.34888 | -0.00012 | 0.00061 m |
| DH | 005G0266 | 0000023 | -0.90423 | 0.00023 | 0.00058 m |
| DH | 005G0286 | 005G0004 | -4.26532 | -0.00018 | 0.00089 m |
| DH | 005G0286 | 0098120 | -4.03220 | 0.00010 | 0.00069 m |
| DH | 005G0287 | 0098126 | 1.09672 | -0.00002 | 0.00043 m |
| DH | 005G0294 | 005G0285 | -0.10619 | -0.00011 | 0.00043 m |
| DH | 005G0295 | 0003022 | 0.27819 | -0.00009 | 0.00051 m |
| DH | 005G0296 | 000A2756 | -0.81739 | -0.00001 | 0.00022 m |
| DH | 005G0297 | 005G0287 | -0.21537 | -0.00013 | 0.00092 m |
| DH | 005G0301 | 000A2756 | -0.42494 | 0.00004 | 0.00042 m |
| DH | 005G0302 | 005G0108 | -1.33176 | -0.00014 | 0.00073 m |
| DH | 005G0302 | 005G0301 | -2.13922 | 0.00012 | 0.00069 m |
| DH | 005G0303 | 000A2758 | -0.67401 | 0.00001 | 0.00019 m |
| DH | 005G0304 | 005G0295 | -0.73979 | -0.00021 | 0.00072 m |
| DH | 005G0310 | 000A2748 | -0.85318 | -0.00012 | 0.00060 m |
| DH | 005G0310 | 005G0206 | -0.04296 | 0.00016 | 0.00074 m |
| DH | 005G0311 | 0003010 | -0.14424 | -0.00006 | 0.00060 m |
| DH | 0098121 | 005G0125 | 0.33830 | 0.00000 | 0.00010 m |
| DH | 0098123 | 005G0125 | 0.33820 | -0.00000 | 0.00010 m |
| DH | 0098125 | 005G0294 | -0.03479 | -0.00001 | 0.00012 m |
| DH | 0099102 | 005D0070 | -0.14053 | 0.00003 | 0.00036 m |
| DH | 0099103 | 0000047 | 0.08979 | 0.00001 | 0.00018 m |
| DH | 0099104 | 005D0064 | 0.00730 | -0.00000 | 0.00028 m |
| DH | 0099113 | 000A2748 | -0.88714 | 0.00004 | 0.00037 m |
| DH | 0099116 | 0003038 | 0.58329 | 0.00001 | 0.00024 m |
| DH | 0099116 | 005G0214 | 0.93869 | -0.00009 | 0.00072 m |
| DH | 0099117 | 0003037 | 0.22931 | -0.00001 | 0.00023 m |
| DH | 0099119 | 005G0199 | 0.11806 | 0.00004 | 0.00041 m |
| DH | 0099119 | 005G0210 | 1.15763 | -0.00013 | 0.00071 m |

TOETSING VAN WAARNEMINGEN

| Station | Richtpunt | MDB | MDBn | Red | BNR | W-toets | Gs fout | T- |
|---------|-------------|----------|-----------|------|-----|---------|---------|----|
| toets | Gs fout (m) | | | | | | | |
| DH | 0000001 | 0099124 | 0.00785 m | 26.9 | 2 | 26.6 | -0.92 | |
| DH | 0000002 | 0000001 | 0.00785 m | 34.4 | 1 | 34.2 | -0.92 | |
| DH | 0000008 | 005G0309 | 0.00847 m | 10.8 | 15 | 10.0 | -0.38 | |
| DH | 0000009 | 0000008 | 0.00847 m | 10.3 | 16 | 9.4 | -0.38 | |
| DH | 0000009 | 005G0187 | 0.00831 m | 11.4 | 13 | 10.6 | -0.29 | |
| DH | 0000009 | 005G0228 | 0.00804 m | 12.5 | 11 | 11.8 | 0.65 | |
| DH | 0000016 | 005G0036 | 0.00820 m | 10.8 | 15 | 10.0 | -0.69 | |
| DH | 0000016 | 005G0038 | 0.00792 m | 12.4 | 11 | 11.7 | 0.25 | |
| DH | 0000016 | 005G0039 | 0.00784 m | 10.1 | 17 | 9.2 | 0.41 | |
| DH | 0000017 | 0000013 | 0.00819 m | 8.9 | 21 | 7.9 | -0.05 | |
| DH | 0000024 | 0000035 | 0.00807 m | 18.1 | 5 | 17.6 | -0.82 | |
| DH | 0000027 | 0000110 | 0.00920 m | 13.1 | 10 | 12.4 | 0.14 | |
| DH | 0000028 | 0000027 | 0.00920 m | 15.9 | 7 | 15.3 | 0.14 | |
| DH | 0000028 | 0000086 | 0.00920 m | 20.3 | 4 | 19.9 | -0.14 | |
| DH | 0000032 | 0000013 | 0.01081 m | 11.3 | 13 | 10.5 | 1.02 | |
| DH | 0000033 | 0000063 | 0.00807 m | 14.9 | 8 | 14.3 | -0.82 | |
| DH | 0000035 | 0000033 | 0.00807 m | 14.1 | 9 | 13.5 | -0.82 | |
| DH | 0000036 | 005G0129 | 0.00785 m | 12.5 | 11 | 11.8 | -0.92 | |
| DH | 0000042 | 0000032 | 0.01081 m | 9.8 | 18 | 8.9 | 1.02 | |
| DH | 0000042 | 0099112 | 0.01081 m | 15.2 | 7 | 14.6 | -1.02 | |
| DH | 0000049 | 005G0161 | 0.00873 m | 14.2 | 8 | 13.6 | -0.04 | |
| DH | 0000050 | 0000051 | 0.00912 m | 12.7 | 11 | 12.0 | 0.33 | |
| DH | 0000053 | 0000072 | 0.00851 m | 14.9 | 8 | 14.3 | -0.30 | |
| DH | 0000055 | 005G0221 | 0.00844 m | 13.1 | 10 | 12.5 | -1.12 | |
| DH | 0000056 | 0000017 | 0.00820 m | 15.1 | 8 | 14.5 | -0.69 | |
| DH | 0000063 | 0000002 | 0.00785 m | 23.3 | 3 | 23.0 | -0.92 | |
| DH | 0000066 | 0000050 | 0.00912 m | 14.8 | 8 | 14.2 | 0.33 | |
| DH | 0000066 | 005G0160 | 0.00873 m | 20.1 | 4 | 19.7 | -0.04 | |
| DH | 0000067 | 0000073 | 0.00912 m | 10.7 | 15 | 9.9 | 0.33 | |
| DH | 0000071 | 0000052 | 0.00831 m | 8.9 | 22 | 7.8 | -0.29 | |
| DH | 0000072 | 0000052 | 0.00851 m | 11.6 | 13 | 10.8 | -0.30 | |
| DH | 0000073 | 000A2894 | 0.00851 m | 12.6 | 11 | 11.9 | -0.30 | |
| DH | 0000073 | 005G0049 | 0.00754 m | 10.4 | 16 | 9.6 | 0.54 | |
| DH | 0000074 | 0000051 | 0.00912 m | 12.8 | 10 | 12.1 | -0.33 | |
| DH | 0000074 | 0000067 | 0.00912 m | 15.3 | 7 | 14.8 | 0.33 | |
| DH | 0000075 | 0000070 | 0.00879 m | 15.6 | 7 | 15.1 | -0.26 | |
| DH | 0000075 | 005G0309 | 0.00879 m | 7.8 | 28 | 6.6 | 0.26 | |
| DH | 0000076 | 005G0246 | 0.00994 m | 13.5 | 9 | 12.8 | -0.90 | |
| DH | 0000077 | 005G0196 | 0.00762 m | 8.3 | 25 | 7.2 | 0.86 | |
| DH | 0000078 | 005G0168 | 0.00838 m | 17.8 | 5 | 17.3 | -0.13 | |
| DH | 0000078 | 005G0200 | 0.00838 m | 10.1 | 17 | 9.3 | 0.13 | |
| DH | 0000079 | 005G0271 | 0.01021 m | 11.3 | 13 | 10.6 | -0.54 | |
| DH | 0000081 | 005G0224 | 0.00805 m | 10.2 | 16 | 9.4 | 0.82 | |
| DH | 0000082 | 0000081 | 0.00847 m | 10.5 | 16 | 9.6 | 0.31 | |
| DH | 0000084 | 0000079 | 0.01021 m | 86.3 | 0 | 86.2 | -0.54 | |
| DH | 0000086 | 0000063 | 0.00920 m | 19.6 | 4 | 19.2 | -0.14 | |
| DH | 0000101 | 0099126 | 0.00875 m | 20.0 | 4 | 19.5 | 0.90 | |
| DH | 0000102 | 0000103 | 0.00875 m | 46.1 | 1 | 45.9 | -0.90 | |
| DH | 0000104 | 0000053 | 0.00851 m | 36.3 | 1 | 36.0 | -0.30 | |
| DH | 0000104 | 0000105 | 0.00851 m | 81.1 | 0 | 81.0 | 0.30 | |
| DH | 0000106 | 0000105 | 0.00851 m | 73.2 | 0 | 73.1 | -0.30 | |
| DH | 0000106 | 000A2894 | 0.00851 m | 57.4 | 1 | 57.2 | 0.30 | |
| DH | 0000110 | 005G0298 | 0.00920 m | 11.6 | 13 | 10.9 | 0.14 | |
| DH | 0000111 | 005G0246 | 0.00994 m | 20.8 | 4 | 20.4 | 0.90 | |

| | | | | | | | |
|----|----------|----------|-----------|------|----|------|-------|
| DH | 0000111 | 0099125 | 0.00875 m | 17.5 | 6 | 17.0 | -0.90 |
| DH | 0000112 | 0000111 | 0.00905 m | 16.7 | 6 | 16.2 | -0.11 |
| DH | 0000113 | 0000112 | 0.00905 m | 16.3 | 6 | 15.7 | -0.11 |
| DH | 0000113 | 005G0247 | 0.00905 m | 10.1 | 17 | 9.3 | 0.11 |
| DH | 0000992 | 0003044 | 0.01067 m | 20.0 | 4 | 19.5 | -0.07 |
| DH | 0000992 | 005G0196 | 0.00735 m | 11.1 | 14 | 10.3 | -0.93 |
| DH | 0000993 | 0000024 | 0.00807 m | 23.8 | 3 | 23.4 | -0.82 |
| DH | 0000993 | 005G0266 | 0.00807 m | 9.8 | 18 | 8.9 | 0.82 |
| DH | 0003023 | 005G0018 | 0.00789 m | 13.1 | 10 | 12.5 | 0.23 |
| DH | 0003043 | 005G0249 | 0.00946 m | 7.6 | 29 | 6.4 | -0.10 |
| DH | 0003044 | 005G0112 | 0.01067 m | 16.4 | 6 | 15.9 | -0.07 |
| DH | 0004011 | 0004012 | 0.01081 m | 26.7 | 2 | 26.4 | -1.02 |
| DH | 0004011 | 0099112 | 0.01081 m | 25.1 | 3 | 24.7 | 1.02 |
| DH | 0004012 | 005G0132 | 0.01081 m | 59.5 | 0 | 59.4 | -1.02 |
| DH | 0004013 | 005G0239 | 0.00802 m | 34.5 | 1 | 34.3 | 0.73 |
| DH | 0004041 | 0004042 | 0.00998 m | 23.5 | 3 | 23.2 | -0.03 |
| DH | 0004042 | 0004043 | 0.00998 m | 45.6 | 1 | 45.4 | -0.03 |
| DH | 0004043 | 005G0118 | 0.00998 m | 36.0 | 1 | 35.7 | -0.03 |
| DH | 000A2760 | 005G0021 | 0.01067 m | 23.6 | 3 | 23.3 | 0.07 |
| DH | 005G0018 | 005G0258 | 0.00719 m | 10.8 | 15 | 10.0 | 0.08 |
| DH | 005G0020 | 005G0112 | 0.01067 m | 10.2 | 16 | 9.3 | 0.07 |
| DH | 005G0032 | 005G0113 | 0.00837 m | 8.1 | 26 | 7.0 | 0.78 |
| DH | 005G0032 | 005G0258 | 0.00719 m | 7.5 | 30 | 6.3 | -0.08 |
| DH | 005G0033 | 005G0032 | 0.00698 m | 14.0 | 9 | 13.4 | 0.58 |
| DH | 005G0034 | 005G0248 | 0.00825 m | 11.3 | 13 | 10.5 | -0.90 |
| DH | 005G0036 | 0000056 | 0.00820 m | 51.8 | 1 | 51.7 | -0.69 |
| DH | 005G0038 | 005G0129 | 0.00792 m | 9.1 | 21 | 8.1 | 0.25 |
| DH | 005G0039 | 005G0189 | 0.00844 m | 12.5 | 11 | 11.8 | 1.12 |
| DH | 005G0040 | 005G0039 | 0.00804 m | 18.1 | 5 | 17.6 | 0.65 |
| DH | 005G0043 | 0000049 | 0.00873 m | 9.3 | 20 | 8.4 | -0.04 |
| DH | 005G0045 | 005G0265 | 0.00894 m | 21.8 | 4 | 21.4 | -0.96 |
| DH | 005G0049 | 0000055 | 0.00754 m | 11.2 | 14 | 10.4 | 0.54 |
| DH | 005G0052 | 0000055 | 0.00825 m | 10.2 | 16 | 9.3 | -0.29 |
| DH | 005G0053 | 005G0231 | 0.00858 m | 11.3 | 13 | 10.5 | -0.26 |
| DH | 005G0054 | 005G0115 | 0.00841 m | 21.4 | 4 | 21.0 | 0.09 |
| DH | 005G0063 | 005G0267 | 0.00888 m | 11.8 | 12 | 11.1 | -0.70 |
| DH | 005G0065 | 005G0232 | 0.01046 m | 13.9 | 9 | 13.3 | -0.79 |
| DH | 005G0065 | 005G0233 | 0.01221 m | 15.6 | 7 | 15.0 | 0.34 |
| DH | 005G0072 | 005G0256 | 0.00698 m | 8.1 | 26 | 7.0 | 0.29 |
| DH | 005G0092 | 005G0113 | 0.00833 m | 10.2 | 16 | 9.4 | -0.51 |
| DH | 005G0093 | 005G0263 | 0.00829 m | 25.0 | 3 | 24.7 | 0.34 |
| DH | 005G0113 | 0000066 | 0.00844 m | 9.2 | 20 | 8.2 | 0.27 |
| DH | 005G0115 | 005G0053 | 0.00858 m | 8.6 | 23 | 7.6 | -0.26 |
| DH | 005G0117 | 005G0256 | 0.00912 m | 17.6 | 6 | 17.1 | 0.00 |
| DH | 005G0122 | 0099002 | 0.00998 m | 9.0 | 21 | 7.9 | -0.03 |
| DH | 005G0127 | 0000077 | 0.00762 m | 10.0 | 17 | 9.1 | 0.86 |
| DH | 005G0127 | 005G0197 | 0.00754 m | 19.4 | 5 | 18.9 | -0.34 |
| DH | 005G0135 | 005G0093 | 0.00829 m | 11.0 | 14 | 10.2 | 0.34 |
| DH | 005G0135 | 005G0115 | 0.00829 m | 10.2 | 17 | 9.3 | -0.34 |
| DH | 005G0138 | 005G0184 | 0.01055 m | 18.2 | 5 | 17.7 | 0.47 |
| DH | 005G0140 | 005G0182 | 0.00774 m | 14.9 | 8 | 14.3 | 0.21 |
| DH | 005G0140 | 005G0252 | 0.00774 m | 9.3 | 20 | 8.3 | -0.21 |
| DH | 005G0142 | 0099114 | 0.00770 m | 43.0 | 1 | 42.8 | 0.37 |
| DH | 005G0154 | 005G0063 | 0.00888 m | 9.8 | 18 | 8.9 | -0.70 |
| DH | 005G0154 | 005G0118 | 0.00998 m | 11.4 | 13 | 10.6 | 0.03 |
| DH | 005G0155 | 005G0274 | 0.00888 m | 9.9 | 17 | 9.0 | -0.70 |
| DH | 005G0158 | 005G0291 | 0.00907 m | 11.5 | 13 | 10.7 | 0.02 |
| DH | 005G0160 | 005G0043 | 0.00873 m | 63.3 | 0 | 63.2 | -0.04 |
| DH | 005G0161 | 005G0231 | 0.00873 m | 9.8 | 18 | 8.9 | -0.04 |
| DH | 005G0167 | 005G0297 | 0.00801 m | 30.7 | 2 | 30.5 | -0.37 |
| DH | 005G0168 | 0000070 | 0.00879 m | 16.2 | 7 | 15.7 | 0.26 |
| DH | 005G0180 | 005G0254 | 0.00770 m | 12.0 | 12 | 11.3 | -0.37 |
| DH | 005G0180 | 0099127 | 0.00770 m | 70.3 | 0 | 70.2 | 0.37 |
| DH | 005G0182 | 005G0018 | 0.00774 m | 7.2 | 33 | 6.0 | 0.21 |
| DH | 005G0183 | 005G0291 | 0.00965 m | 24.5 | 3 | 24.1 | -0.13 |
| DH | 005G0183 | 005G0293 | 0.00965 m | 11.6 | 13 | 10.8 | 0.13 |
| DH | 005G0184 | 000A2760 | 0.01055 m | 16.4 | 6 | 15.9 | 0.47 |
| DH | 005G0187 | 0000071 | 0.00831 m | 20.6 | 4 | 20.2 | -0.29 |
| DH | 005G0189 | 005G0221 | 0.00844 m | 8.5 | 24 | 7.4 | 1.12 |
| DH | 005G0194 | 005G0020 | 0.01067 m | 10.1 | 17 | 9.2 | 0.07 |
| DH | 005G0194 | 005G0021 | 0.01067 m | 13.9 | 9 | 13.3 | -0.07 |
| DH | 005G0196 | 005G0251 | 0.00965 m | 11.4 | 13 | 10.6 | -0.13 |
| DH | 005G0197 | 005G0018 | 0.00754 m | 12.1 | 12 | 11.4 | -0.34 |
| DH | 005G0200 | 005G0297 | 0.00838 m | 13.3 | 10 | 12.7 | 0.13 |
| DH | 005G0201 | 005G0281 | 0.00852 m | 9.5 | 19 | 8.5 | 0.39 |
| DH | 005G0218 | 0003023 | 0.00789 m | 13.5 | 9 | 12.8 | 0.23 |
| DH | 005G0223 | 005G0256 | 0.00619 m | 7.1 | 34 | 5.7 | -0.43 |
| DH | 005G0223 | 005G0292 | 0.00698 m | 8.9 | 22 | 7.9 | 0.29 |
| DH | 005G0224 | 005G0265 | 0.00805 m | 9.4 | 19 | 8.5 | 0.82 |
| DH | 005G0227 | 005G0201 | 0.00852 m | 20.7 | 4 | 20.3 | 0.39 |
| DH | 005G0227 | 005G0275 | 0.00817 m | 9.4 | 19 | 8.4 | 0.57 |
| DH | 005G0227 | 0099114 | 0.00770 m | 11.1 | 14 | 10.3 | -0.37 |
| DH | 005G0228 | 005G0040 | 0.00804 m | 9.5 | 19 | 8.6 | 0.65 |
| DH | 005G0230 | 005G0054 | 0.00841 m | 14.7 | 8 | 14.1 | 0.09 |
| DH | 005G0230 | 0099121 | 0.00951 m | 10.8 | 15 | 10.0 | -0.45 |
| DH | 005G0231 | 005G0052 | 0.00825 m | 9.4 | 19 | 8.5 | -0.29 |
| DH | 005G0232 | 005G0154 | 0.01046 m | 15.2 | 7 | 14.7 | -0.79 |
| DH | 005G0233 | 005G0307 | 0.01221 m | 13.0 | 10 | 12.3 | 0.34 |
| DH | 005G0236 | 005G0307 | 0.01221 m | 13.5 | 9 | 12.8 | -0.34 |
| DH | 005G0239 | 005G0122 | 0.00998 m | 9.0 | 21 | 8.0 | -0.03 |
| DH | 005G0239 | 005G0132 | 0.01081 m | 55.4 | 1 | 55.3 | 1.02 |
| DH | 005G0242 | 0000082 | 0.00847 m | 8.6 | 23 | 7.5 | 0.31 |

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|----|----------|----------|-----------|------|----|------|-------|
| DH | 005G0242 | 005G0243 | 0.00956 m | 8.2 | 25 | 7.1 | -0.35 |
| DH | 005G0242 | 005G0255 | 0.00912 m | 12.2 | 12 | 11.5 | 0.00 |
| DH | 005G0243 | 005G0244 | 0.00956 m | 20.9 | 4 | 20.5 | -0.35 |
| DH | 005G0244 | 005G0230 | 0.00956 m | 13.3 | 10 | 12.7 | -0.35 |
| DH | 005G0245 | 0000076 | 0.00994 m | 17.2 | 6 | 16.7 | -0.90 |
| DH | 005G0247 | 005G0035 | 0.00905 m | 10.3 | 16 | 9.4 | 0.11 |
| DH | 005G0248 | 005G0035 | 0.00810 m | 14.6 | 8 | 14.0 | -0.97 |
| DH | 005G0249 | 005G0248 | 0.00946 m | 14.4 | 8 | 13.8 | -0.10 |
| DH | 005G0251 | 005G0293 | 0.00965 m | 9.4 | 20 | 8.4 | -0.13 |
| DH | 005G0252 | 005G0033 | 0.00698 m | 9.0 | 21 | 8.0 | 0.58 |
| DH | 005G0252 | 005G0034 | 0.00825 m | 11.9 | 12 | 11.2 | -0.90 |
| DH | 005G0253 | 005G0092 | 0.00833 m | 11.0 | 14 | 10.2 | -0.51 |
| DH | 005G0254 | 005G0304 | 0.00770 m | 16.6 | 6 | 16.0 | -0.37 |
| DH | 005G0255 | 005G0117 | 0.00912 m | 8.2 | 26 | 7.0 | 0.00 |
| DH | 005G0256 | 005G0097 | 0.01221 m | 13.0 | 10 | 12.4 | -0.34 |
| DH | 005G0257 | 005G0097 | 0.01221 m | 16.2 | 6 | 15.7 | 0.34 |
| DH | 005G0257 | 005G0308 | 0.01221 m | 15.0 | 8 | 14.4 | -0.34 |
| DH | 005G0260 | 005G0305 | 0.01012 m | 12.0 | 12 | 11.3 | -0.48 |
| DH | 005G0261 | 0000081 | 0.00822 m | 11.5 | 13 | 10.7 | -0.20 |
| DH | 005G0261 | 005G0289 | 0.00822 m | 10.8 | 15 | 10.0 | 0.20 |
| DH | 005G0263 | 0000101 | 0.00875 m | 12.3 | 11 | 11.6 | 0.90 |
| DH | 005G0263 | 005G0253 | 0.00833 m | 14.1 | 9 | 13.5 | -0.51 |
| DH | 005G0264 | 005G0045 | 0.00894 m | 9.6 | 19 | 8.6 | -0.96 |
| DH | 005G0264 | 005G0279 | 0.00894 m | 12.6 | 11 | 11.9 | 0.96 |
| DH | 005G0266 | 005G0167 | 0.00801 m | 9.0 | 21 | 8.0 | -0.37 |
| DH | 005G0267 | 005G0155 | 0.00888 m | 46.8 | 1 | 46.6 | -0.70 |
| DH | 005G0271 | 005G0223 | 0.00929 m | 10.8 | 15 | 10.0 | -0.26 |
| DH | 005G0274 | 0000055 | 0.00842 m | 9.6 | 19 | 8.7 | -1.43 |
| DH | 005G0274 | 0004013 | 0.00802 m | 9.8 | 18 | 8.9 | 0.73 |
| DH | 005G0275 | 0000052 | 0.00817 m | 11.3 | 13 | 10.5 | 0.57 |
| DH | 005G0277 | 005G0072 | 0.00698 m | 16.1 | 7 | 15.6 | 0.29 |
| DH | 005G0278 | 005G0265 | 0.01021 m | 10.0 | 17 | 9.1 | 0.54 |
| DH | 005G0279 | 005G0035 | 0.00894 m | 10.4 | 16 | 9.5 | 0.96 |
| DH | 005G0280 | 005G0260 | 0.01012 m | 12.8 | 10 | 12.1 | -0.48 |
| DH | 005G0281 | 005G0168 | 0.00852 m | 9.7 | 18 | 8.8 | 0.39 |
| DH | 005G0288 | 005G0245 | 0.00994 m | 10.7 | 15 | 9.9 | -0.90 |
| DH | 005G0289 | 005G0271 | 0.00822 m | 11.3 | 13 | 10.5 | 0.20 |
| DH | 005G0290 | 005G0138 | 0.01055 m | 11.5 | 13 | 10.7 | 0.47 |
| DH | 005G0290 | 005G0158 | 0.00907 m | 10.0 | 17 | 9.2 | 0.02 |
| DH | 005G0290 | 005G0280 | 0.01012 m | 12.8 | 10 | 12.1 | -0.48 |
| DH | 005G0291 | 0003043 | 0.00946 m | 13.7 | 9 | 13.0 | -0.10 |
| DH | 005G0292 | 005G0277 | 0.00698 m | 8.6 | 23 | 7.5 | 0.29 |
| DH | 005G0299 | 005G0298 | 0.00920 m | 14.8 | 8 | 14.2 | -0.14 |
| DH | 005G0299 | 005G0309 | 0.00920 m | 18.3 | 5 | 17.8 | 0.14 |
| DH | 005G0304 | 005G0218 | 0.00789 m | 16.9 | 6 | 16.4 | 0.23 |
| DH | 005G0305 | 005G0265 | 0.01012 m | 16.6 | 6 | 16.1 | -0.48 |
| DH | 005G0306 | 0000081 | 0.00994 m | 15.0 | 8 | 14.5 | 0.90 |
| DH | 005G0306 | 005G0288 | 0.00994 m | 10.5 | 16 | 9.6 | -0.90 |
| DH | 005G0308 | 005G0236 | 0.01221 m | 13.4 | 9 | 12.8 | -0.34 |
| DH | 005H0044 | 005G0278 | 0.01021 m | 11.1 | 14 | 10.3 | 0.54 |
| DH | 005H0270 | 005H0044 | 0.01021 m | 15.2 | 7 | 14.7 | 0.54 |
| DH | 0099001 | 0000084 | 0.01021 m | 18.4 | 5 | 17.9 | -0.54 |
| DH | 0099001 | 005H0270 | 0.01021 m | 13.1 | 10 | 12.4 | 0.54 |
| DH | 0099002 | 0004041 | 0.00998 m | 23.5 | 3 | 23.1 | -0.03 |
| DH | 0099115 | 005G0142 | 0.00770 m | 39.5 | 1 | 39.3 | 0.77 |
| DH | 0099115 | 0099127 | 0.00770 m | 14.9 | 8 | 14.4 | -0.37 |
| DH | 0099120 | 005G0057 | 0.00951 m | 67.3 | 0 | 67.1 | 0.45 |
| DH | 0099120 | 005G0065 | 0.00951 m | 8.8 | 22 | 7.7 | -0.45 |
| DH | 0099121 | 005G0057 | 0.00951 m | 64.1 | 0 | 64.0 | -0.45 |
| DH | 0099124 | 0000036 | 0.00785 m | 15.4 | 7 | 14.9 | -0.92 |
| DH | 0099125 | 0000102 | 0.00875 m | 39.1 | 1 | 38.9 | -0.90 |
| DH | 0099126 | 0000103 | 0.00875 m | 30.5 | 2 | 30.2 | 0.90 |
| DH | 0000011 | 0000010 | 0.00969 m | 11.8 | 12 | 11.0 | 0.85 |
| DH | 0000011 | 0099111 | 0.00969 m | 11.9 | 12 | 11.1 | -0.85 |
| DH | 0000012 | 0004023 | 0.00969 m | 19.0 | 5 | 18.5 | 0.85 |
| DH | 0000013 | 0000012 | 0.00969 m | 10.1 | 17 | 9.2 | 0.85 |
| DH | 0000014 | 0000010 | 0.00969 m | 14.0 | 9 | 13.3 | -0.85 |
| DH | 0000015 | 005D0034 | 0.00833 m | 14.3 | 8 | 13.7 | 0.71 |
| DH | 0000015 | 005D0088 | 0.00805 m | 10.4 | 16 | 9.5 | -0.58 |
| DH | 0000017 | 005G0164 | 0.00895 m | 10.7 | 15 | 9.9 | -0.70 |
| DH | 0000020 | 0000021 | 0.00862 m | 9.2 | 20 | 8.2 | -0.65 |
| DH | 0000021 | 0000023 | 0.00862 m | 17.7 | 5 | 17.2 | -0.65 |
| DH | 0000022 | 0000020 | 0.00862 m | 12.0 | 12 | 11.3 | -0.65 |
| DH | 0000022 | 005D0012 | 0.01056 m | 12.2 | 11 | 11.5 | 0.04 |
| DH | 0000029 | 0000030 | 0.01056 m | 11.4 | 13 | 10.6 | 0.04 |
| DH | 0000030 | 0000014 | 0.00914 m | 14.9 | 8 | 14.3 | -0.09 |
| DH | 0000030 | 005D0017 | 0.00814 m | 14.5 | 8 | 13.9 | 0.11 |
| DH | 0000041 | 0000040 | 0.00834 m | 11.5 | 13 | 10.7 | -0.64 |
| DH | 0000046 | 0000045 | 0.01108 m | 14.8 | 8 | 14.2 | 0.59 |
| DH | 0000047 | 0000046 | 0.01108 m | 13.6 | 9 | 13.0 | 0.59 |
| DH | 0000062 | 005G0028 | 0.00833 m | 9.8 | 18 | 8.9 | 0.71 |
| DH | 0000065 | 0000040 | 0.00834 m | 10.3 | 16 | 9.5 | 0.64 |
| DH | 0000065 | 005D0082 | 0.00834 m | 22.8 | 3 | 22.4 | -0.64 |
| DH | 0000107 | 005D0005 | 0.00558 m | 8.4 | 24 | 7.4 | -0.76 |
| DH | 0000107 | 005D0007 | 0.00834 m | 13.0 | 10 | 12.4 | 0.64 |
| DH | 0000107 | 005D0072 | 0.00668 m | 9.0 | 21 | 8.0 | 0.40 |
| DH | 0000910 | 005G0220 | 0.01173 m | 13.6 | 9 | 13.0 | 0.57 |
| DH | 0000992 | 005G0111 | 0.00767 m | 15.7 | 7 | 15.2 | 1.01 |
| DH | 0003001 | 005G0143 | 0.00774 m | 15.0 | 8 | 14.4 | 0.52 |
| DH | 0003003 | 000A2752 | 0.00802 m | 14.5 | 8 | 13.9 | 0.12 |
| DH | 0003003 | 005G0008 | 0.00867 m | 15.3 | 7 | 14.8 | -0.26 |
| DH | 0003005 | 0003006 | 0.00764 m | 14.0 | 9 | 13.4 | -0.11 |

| | | | | | | | |
|----|----------|----------|-----------|-------|----|-------|-------|
| | 0003006 | 0003018 | 0.00764 m | 45.6 | 1 | 45.4 | -0.11 |
| DH | 0003010 | 005G0234 | 0.01429 m | 18.7 | 5 | 18.2 | -0.53 |
| DH | 0003017 | 005G0143 | 0.00774 m | 55.4 | 1 | 55.3 | -0.52 |
| DH | 0003018 | 0003019 | 0.00764 m | 16.9 | 6 | 16.4 | -0.11 |
| DH | 0003019 | 0003003 | 0.00764 m | 10.8 | 15 | 9.9 | -0.11 |
| DH | 0003021 | 0003045 | 0.00750 m | 12.0 | 12 | 11.3 | -0.98 |
| DH | 0003022 | 0003033 | 0.00751 m | 17.4 | 6 | 16.9 | -0.58 |
| DH | 0003024 | 0003026 | 0.00961 m | 63.4 | 0 | 63.2 | 0.29 |
| DH | 0003025 | 0003037 | 0.01303 m | 36.0 | 1 | 35.8 | 0.50 |
| DH | 0003026 | 000A2750 | 0.00961 m | 78.5 | 0 | 78.3 | 0.29 |
| DH | 0003027 | 000A2750 | 0.00961 m | 78.5 | 0 | 78.3 | -0.29 |
| DH | 0003027 | 005G0219 | 0.00961 m | 36.3 | 1 | 36.1 | 0.29 |
| DH | 0003028 | 0003001 | 0.00774 m | 8.6 | 23 | 7.6 | 0.52 |
| DH | 0003028 | 0003005 | 0.00764 m | 40.2 | 1 | 40.0 | -0.11 |
| DH | 0003029 | 0003028 | 0.00736 m | 10.5 | 16 | 9.6 | 0.39 |
| DH | 0003030 | 0003031 | 0.00736 m | 11.3 | 13 | 10.5 | -0.39 |
| DH | 0003031 | 0003021 | 0.00736 m | 14.5 | 8 | 13.9 | -0.39 |
| DH | 0003032 | 0003021 | 0.00751 m | 24.8 | 3 | 24.4 | -0.58 |
| DH | 0003033 | 000A2754 | 0.00751 m | 97.0 | 0 | 96.9 | -0.58 |
| DH | 0003034 | 0003035 | 0.00961 m | 14.2 | 9 | 13.5 | 0.29 |
| DH | 0003035 | 0003036 | 0.00961 m | 49.3 | 1 | 49.1 | 0.29 |
| DH | 0003036 | 0003024 | 0.00961 m | 23.4 | 3 | 23.0 | 0.29 |
| DH | 0003038 | 0003025 | 0.01303 m | 49.1 | 1 | 48.9 | 0.50 |
| DH | 0003039 | 0003032 | 0.00751 m | 63.5 | 0 | 63.3 | -0.58 |
| DH | 0003040 | 000A2760 | 0.01303 m | 32.3 | 2 | 32.0 | -0.50 |
| DH | 0003041 | 005G0108 | 0.01429 m | 26.3 | 2 | 25.9 | -0.53 |
| DH | 0003041 | 005G0312 | 0.01429 m | 17.5 | 6 | 17.1 | 0.53 |
| DH | 0003042 | 005D0007 | 0.01108 m | 13.2 | 10 | 12.5 | -0.59 |
| DH | 0003042 | 0099103 | 0.01108 m | 18.9 | 5 | 18.4 | 0.59 |
| DH | 0004021 | 0004022 | 0.00969 m | 25.9 | 3 | 25.6 | -0.85 |
| DH | 0004021 | 0099111 | 0.00969 m | 25.8 | 3 | 25.5 | 0.85 |
| DH | 0004023 | 0004022 | 0.00969 m | 32.1 | 2 | 31.9 | 0.85 |
| DH | 0004031 | 0004032 | 0.01108 m | 21.8 | 4 | 21.4 | 0.59 |
| DH | 0004031 | 0099110 | 0.01108 m | 26.5 | 2 | 26.2 | -0.59 |
| DH | 0004033 | 0000029 | 0.01108 m | 28.4 | 2 | 28.1 | 0.59 |
| DH | 0004033 | 005D0057 | 0.01108 m | 85.0 | 0 | 84.9 | -0.59 |
| DH | 000A2752 | 0098121 | 0.00802 m | 8.7 | 23 | 7.6 | 0.12 |
| DH | 000A2754 | 0003039 | 0.00751 m | 48.5 | 1 | 48.3 | -0.58 |
| DH | 000A2761 | 0003029 | 0.00736 m | 73.6 | 0 | 73.5 | 0.39 |
| DH | 000A2761 | 0003030 | 0.00736 m | 54.8 | 1 | 54.7 | -0.39 |
| DH | 000A4020 | 005D0072 | 0.00668 m | 48.5 | 1 | 48.3 | -0.40 |
| DH | 005D0003 | 005D0037 | 0.00668 m | 11.4 | 13 | 10.6 | 0.40 |
| DH | 005D0004 | 005D0005 | 0.00668 m | 14.1 | 9 | 13.4 | 0.40 |
| DH | 005D0005 | 0000041 | 0.00834 m | 10.1 | 17 | 9.2 | -0.64 |
| DH | 005D0012 | 0000998 | 0.01056 m | 14.3 | 8 | 13.7 | 0.04 |
| DH | 005D0015 | 0000029 | 0.00969 m | 11.3 | 13 | 10.5 | -0.49 |
| DH | 005D0015 | 005D0074 | 0.00969 m | 11.3 | 13 | 10.5 | 0.49 |
| DH | 005D0017 | 0000015 | 0.00814 m | 11.1 | 14 | 10.2 | 0.11 |
| DH | 005D0034 | 0000062 | 0.00833 m | 15.7 | 7 | 15.2 | 0.71 |
| DH | 005D0037 | 005D0004 | 0.00668 m | 16.4 | 6 | 15.9 | 0.40 |
| DH | 005D0040 | 0000023 | 0.00805 m | 14.5 | 8 | 13.9 | -0.58 |
| DH | 005D0053 | 005D0056 | 0.00895 m | 9.7 | 18 | 8.7 | -0.70 |
| DH | 005D0056 | 0000014 | 0.00895 m | 14.6 | 8 | 14.1 | -0.70 |
| DH | 005D0057 | 0004032 | 0.01108 m | 33.0 | 2 | 32.7 | -0.59 |
| DH | 005D0059 | 0000022 | 0.00967 m | 29.2 | 2 | 28.9 | -0.69 |
| DH | 005D0059 | 0099113 | 0.00967 m | 32.8 | 2 | 32.5 | 0.69 |
| DH | 005D0066 | 0000998 | 0.00752 m | 8.8 | 22 | 7.8 | 0.17 |
| DH | 005D0066 | 005D0007 | 0.00752 m | 10.2 | 16 | 9.4 | -0.17 |
| DH | 005D0067 | 0000998 | 0.00969 m | 18.0 | 5 | 17.6 | 0.49 |
| DH | 005D0067 | 0099101 | 0.00969 m | 14.9 | 8 | 14.3 | -0.49 |
| DH | 005D0069 | 005D0003 | 0.00668 m | 12.9 | 10 | 12.2 | 0.40 |
| DH | 005D0070 | 0099101 | 0.00969 m | 27.6 | 2 | 27.3 | 0.49 |
| DH | 005D0081 | 000A4020 | 0.00668 m | 45.0 | 1 | 44.8 | -0.40 |
| DH | 005D0081 | 005D0069 | 0.00668 m | 8.5 | 24 | 7.4 | 0.40 |
| DH | 005D0082 | 0000998 | 0.00834 m | 16.7 | 6 | 16.1 | -0.64 |
| DH | 005D0083 | 0000045 | 0.01108 m | 12.1 | 12 | 11.4 | -0.59 |
| DH | 005D0083 | 0099110 | 0.01108 m | 14.0 | 9 | 13.4 | 0.59 |
| DH | 005D0084 | 005D0040 | 0.00805 m | 10.3 | 16 | 9.4 | -0.58 |
| DH | 005D0084 | 005D0088 | 0.00805 m | 52.0 | 1 | 51.8 | 0.58 |
| DH | 005D0087 | 005D0074 | 0.00969 m | 24.3 | 3 | 23.9 | -0.49 |
| DH | 005D0087 | 0099102 | 0.00969 m | 15.0 | 8 | 14.4 | 0.49 |
| DH | 005D0089 | 005D0064 | 0.01283 m | 13.4 | 10 | 12.7 | 0.15 |
| DH | 005D0089 | 005G0310 | 0.01283 m | 14.2 | 8 | 13.6 | -0.15 |
| DH | 005G0001 | 005G0312 | 0.01429 m | 18.5 | 5 | 18.0 | -0.53 |
| DH | 005G0004 | 005G0235 | 0.01173 m | 12.5 | 11 | 11.8 | -0.57 |
| DH | 005G0007 | 005G0206 | 0.00935 m | 10.8 | 15 | 10.0 | -0.56 |
| DH | 005G0008 | 005G0205 | 0.00867 m | 16.7 | 6 | 16.2 | -0.26 |
| DH | 005G0010 | 0098123 | 0.00809 m | 10.9 | 14 | 10.1 | -0.52 |
| DH | 005G0019 | 005G0127 | 0.00718 m | 10.5 | 16 | 9.6 | 0.48 |
| DH | 005G0028 | 005G0129 | 0.00833 m | 10.5 | 15 | 9.7 | 0.71 |
| DH | 005G0090 | 005G0001 | 0.01429 m | 20.9 | 4 | 20.5 | -0.53 |
| DH | 005G0091 | 005G0199 | 0.00741 m | 8.1 | 26 | 7.0 | -0.38 |
| DH | 005G0101 | 0000910 | 0.01283 m | 13.8 | 9 | 13.2 | 0.15 |
| DH | 005G0102 | 0000910 | 0.01429 m | 14.4 | 8 | 13.8 | 0.53 |
| DH | 005G0102 | 005G0311 | 0.01429 m | 13.0 | 10 | 12.3 | -0.53 |
| DH | 005G0108 | 005G0091 | 0.00801 m | 8.3 | 25 | 7.1 | -0.72 |
| DH | 005G0109 | 005G0285 | 0.01050 m | 26.5 | 2 | 26.2 | 0.02 |
| DH | 005G0110 | 005G0019 | 0.00718 m | 10.7 | 15 | 9.8 | 0.48 |
| DH | 005G0111 | 005G0285 | 0.00767 m | 8.0 | 27 | 6.8 | 1.01 |
| DH | 005G0125 | 0098120 | 0.01173 m | 117.3 | 0 | 117.3 | -0.57 |
| DH | 005G0126 | 005G0204 | 0.00878 m | 9.5 | 19 | 8.6 | 0.58 |
| DH | 005G0145 | 005G0219 | 0.00961 m | 17.6 | 6 | 17.1 | -0.29 |

| | | | | | | | |
|----|----------|----------|-----------|------|----|------|-------|
| DH | 005G0164 | 005D0053 | 0.00895 m | 9.8 | 18 | 8.9 | -0.70 |
| DH | 005G0165 | 005G0208 | 0.01283 m | 13.8 | 9 | 13.1 | 0.15 |
| DH | 005G0170 | 005G0091 | 0.01303 m | 12.4 | 11 | 11.7 | 0.50 |
| DH | 005G0177 | 005G0170 | 0.01303 m | 12.7 | 11 | 12.0 | 0.50 |
| DH | 005G0177 | 0099117 | 0.01303 m | 31.7 | 2 | 31.4 | -0.50 |
| DH | 005G0179 | 005G0145 | 0.00961 m | 15.6 | 7 | 15.1 | -0.29 |
| DH | 005G0179 | 0098126 | 0.00961 m | 84.3 | 0 | 84.2 | 0.29 |
| DH | 005G0195 | 005G0110 | 0.00718 m | 12.8 | 10 | 12.1 | 0.48 |
| DH | 005G0195 | 005G0126 | 0.00878 m | 9.3 | 20 | 8.4 | 0.58 |
| DH | 005G0195 | 0098125 | 0.00741 m | 16.9 | 6 | 16.4 | -0.99 |
| DH | 005G0199 | 005G0109 | 0.01050 m | 13.3 | 10 | 12.7 | 0.02 |
| DH | 005G0204 | 0003045 | 0.00750 m | 9.3 | 20 | 8.4 | 0.98 |
| DH | 005G0204 | 005G0010 | 0.00809 m | 12.2 | 12 | 11.4 | -0.52 |
| DH | 005G0205 | 0003034 | 0.00961 m | 18.2 | 5 | 17.7 | 0.29 |
| DH | 005G0205 | 005G0007 | 0.00935 m | 11.3 | 13 | 10.5 | -0.56 |
| DH | 005G0207 | 005G0165 | 0.01283 m | 12.7 | 11 | 12.0 | 0.15 |
| DH | 005G0207 | 0099104 | 0.01283 m | 30.4 | 2 | 30.1 | -0.15 |
| DH | 005G0208 | 005G0101 | 0.01283 m | 21.9 | 4 | 21.5 | 0.15 |
| DH | 005G0209 | 005G0090 | 0.01429 m | 21.9 | 4 | 21.5 | -0.53 |
| DH | 005G0209 | 005G0234 | 0.01429 m | 14.7 | 8 | 14.1 | 0.53 |
| DH | 005G0210 | 005G0296 | 0.00835 m | 13.1 | 10 | 12.4 | -0.45 |
| DH | 005G0212 | 005G0213 | 0.01303 m | 18.0 | 5 | 17.5 | 0.50 |
| DH | 005G0212 | 005G0216 | 0.01303 m | 16.2 | 6 | 15.7 | -0.50 |
| DH | 005G0213 | 005G0303 | 0.01303 m | 14.5 | 8 | 13.9 | 0.50 |
| DH | 005G0214 | 000A2758 | 0.01303 m | 23.3 | 3 | 23.0 | -0.50 |
| DH | 005G0216 | 0003040 | 0.01303 m | 16.8 | 6 | 16.2 | -0.50 |
| DH | 005G0220 | 005G0235 | 0.01173 m | 17.4 | 6 | 16.9 | 0.57 |
| DH | 005G0227 | 0003017 | 0.00774 m | 11.9 | 12 | 11.2 | -0.52 |
| DH | 005G0266 | 0000023 | 0.00742 m | 12.1 | 12 | 11.3 | 1.09 |
| DH | 005G0286 | 005G0004 | 0.01173 m | 12.4 | 11 | 11.6 | -0.57 |
| DH | 005G0286 | 0098120 | 0.01173 m | 16.5 | 6 | 16.0 | 0.57 |
| DH | 005G0287 | 0098126 | 0.00961 m | 21.7 | 4 | 21.3 | -0.29 |
| DH | 005G0294 | 005G0285 | 0.00741 m | 16.6 | 6 | 16.0 | -0.99 |
| DH | 005G0295 | 0003022 | 0.00751 m | 14.1 | 9 | 13.5 | -0.58 |
| DH | 005G0296 | 000A2756 | 0.00835 m | 38.1 | 1 | 37.9 | -0.45 |
| DH | 005G0297 | 005G0287 | 0.00961 m | 9.3 | 20 | 8.3 | -0.29 |
| DH | 005G0301 | 000A2756 | 0.00835 m | 19.6 | 4 | 19.2 | 0.45 |
| DH | 005G0302 | 005G0108 | 0.00835 m | 10.4 | 16 | 9.6 | -0.45 |
| DH | 005G0302 | 005G0301 | 0.00835 m | 11.2 | 14 | 10.4 | 0.45 |
| DH | 005G0303 | 000A2758 | 0.01303 m | 69.7 | 0 | 69.5 | 0.50 |
| DH | 005G0304 | 005G0295 | 0.00751 m | 9.4 | 20 | 8.4 | -0.58 |
| DH | 005G0310 | 000A2748 | 0.00967 m | 15.5 | 7 | 15.0 | -0.69 |
| DH | 005G0310 | 005G0206 | 0.00935 m | 11.8 | 12 | 11.1 | 0.56 |
| DH | 005G0311 | 0003010 | 0.01429 m | 23.4 | 3 | 23.0 | -0.53 |
| DH | 0098121 | 005G0125 | 0.00802 m | 80.2 | 0 | 80.1 | 0.12 |
| DH | 0098123 | 005G0125 | 0.00809 m | 80.9 | 0 | 80.8 | -0.52 |
| DH | 0098125 | 005G0294 | 0.00741 m | 60.5 | 0 | 60.4 | -0.99 |
| DH | 0099102 | 005D0070 | 0.00969 m | 26.8 | 2 | 26.4 | 0.49 |
| DH | 0099103 | 0000047 | 0.01108 m | 60.1 | 0 | 60.0 | 0.59 |
| DH | 0099104 | 005D0064 | 0.01283 m | 46.4 | 1 | 46.2 | -0.15 |
| DH | 0099113 | 000A2748 | 0.00967 m | 26.1 | 2 | 25.8 | 0.69 |
| DH | 0099116 | 0003038 | 0.01303 m | 54.3 | 1 | 54.2 | 0.50 |
| DH | 0099116 | 005G0214 | 0.01303 m | 17.6 | 5 | 17.1 | -0.50 |
| DH | 0099117 | 0003037 | 0.01303 m | 56.1 | 1 | 55.9 | -0.50 |
| DH | 0099119 | 005G0199 | 0.00835 m | 20.0 | 4 | 19.5 | 0.45 |
| DH | 0099119 | 005G0210 | 0.00835 m | 11.0 | 14 | 10.2 | -0.45 |

Bijlage 5 Differentiestaat Barradeel en Barradeel II

Differentiestaat Barradeel

| Hoogte- merk | Nulmeting | | september 2005 | | september 2006 | | september 2007 | | november 2011 | | november 2015 | |
|-----------------|----------------------------------|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) |
| 000A2748 | sep-95 | 0,206 | 0,178 | -6 -28 | 0,183 | 5 -23 | 0,176 | -6 -29 | 0,175 | -1 -31 | 0,174 | -1 -32 |
| 000A2750 | sep-95 | 0,198 | 0,050 | -16 -149 | 0,040 | -9 -158 | 0,022 | -19 -177 | -0,016 | -37 -214 | -0,038 | -22 -236 |
| 000A4020 | apr-98 | 6,992 | 6,992 | 0 0 | 6,992 | 0 0 | 6,987 | -6 -5 | 6,987 | 0 -5 | 6,986 | -1 -6 |
| 005D0003 | sep-00 | 3,405 | 3,405 | -1 0 | 3,404 | -1 -1 | 3,401 | -3 -4 | 3,401 | 0 -5 | 3,398 | -2 -7 |
| 005D0004 | apr-98 | 1,723 | 1,723 | -2 0 | 1,724 | 1 1 | 1,721 | -3 -2 | 1,722 | 0 -1 | 1,722 | 0 -1 |
| 005D0005 | apr-98 | 2,013 | 2,013 | -2 0 | 2,015 | 1 2 | 2,012 | -3 -1 | 2,013 | 1 0 | 2,012 | 0 -1 |
| 005D0007 | apr-98 | 2,111 | 2,113 | -3 2 | 2,117 | 4 6 | 2,113 | -4 2 | 2,114 | 1 3 | 2,114 | 0 3 |
| 005D0012 | sep-97 | 2,668 | 2,655 | -4 -13 | 2,659 | 4 -9 | 2,654 | -5 -14 | 2,654 | 0 -14 | 2,653 | -1 -15 |
| 005D0015 | sep-97 | 0,880 | 0,827 | -6 -53 | 0,829 | 3 -50 | 0,822 | -8 -58 | 0,817 | -5 -63 | 0,817 | 0 -63 |
| 005D0017 | sep-95 | 1,106 | 1,021 | -9 -85 | 1,023 | 3 -83 | 1,016 | -8 -90 | 1,013 | -3 -93 | 1,011 | -2 -95 |
| 005D0034 | sep-95 | 2,139 | 1,991 | -11 -147 | 1,993 | 2 -146 | 1,984 | -9 -155 | 1,978 | -6 -161 | 1,973 | -5 -166 |
| 005D0037 | mei-98 | 2,697 | 2,699 | -1 3 | 2,700 | 1 3 | 2,697 | -3 0 | 2,697 | 0 0 | 2,697 | 0 1 |
| 005D0039 | sep-95 | 1,291 | | | | | | | | | | |
| 005D0040 | sep-95 | 0,527 | 0,410 | -10 -117 | 0,413 | 3 -113 | 0,403 | -11 -124 | 0,397 | -6 -130 | 0,394 | -3 -132 |
| 005D0053 | sep-95 | 1,842 | 1,684 | -10 -158 | 1,686 | 3 -156 | 1,677 | -10 -165 | 1,670 | -6 -171 | 1,669 | -1 -173 |
| 005D0056 | sep-95 | 1,483 | 1,367 | -9 -117 | 1,370 | 3 -114 | 1,360 | -9 -123 | 1,357 | -3 -126 | 1,357 | -1 -127 |
| 005D0057 | mei-98 | 0,845 | 0,819 | -5 -26 | 0,823 | 3 -23 | 0,816 | -7 -29 | 0,815 | -1 -30 | 0,815 | -1 -30 |
| 005D0059 | sep-95 | 1,819 | 1,789 | -7 -30 | 1,795 | 5 -24 | 1,788 | -6 -31 | 1,787 | -1 -32 | 1,787 | 0 -32 |

| Hoogte- merk | Nulmeting | | september 2005 | | september 2006 | | september 2007 | | november 2011 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 005D0064 | sep-97 | 0,513 | | | 0,497 | -16 | 0,495 | -3 -19 | 0,492 | -3 -22 | 0,487 | -4 -26 |
| 005D0066 | mei-98 | 2,256 | 2,255 | -3 -1 | 2,260 | 4 4 | 2,255 | -5 -1 | 2,255 | 0 -1 | 2,256 | 1 0 |
| 005D0067 | sep-97 | 0,984 | 0,963 | -3 -21 | 0,966 | 3 -18 | 0,961 | -5 -23 | 0,957 | -4 -27 | 0,956 | -1 -28 |
| 005D0069 | sep-06 | 3,971 | | | 3,971 | 0 | 3,966 | -5 -5 | 3,964 | -1 -7 | 3,960 | -4 -10 |
| 005D0070 | mei-98 | 5,488 | 5,477 | -3 -11 | 5,480 | 3 -7 | 5,475 | -6 -13 | 5,473 | -2 -15 | 5,473 | 0 -15 |
| 005D0072 | jul-99 | 6,142 | 6,140 | -1 -2 | 6,140 | 0 -2 | 6,134 | -6 -8 | 6,133 | -1 -9 | 6,131 | -2 -12 |
| 005D0074 | sep-97 | 1,083 | 1,053 | -4 -30 | 1,058 | 5 -25 | 1,052 | -6 -32 | 1,049 | -2 -34 | 1,049 | 0 -34 |
| 005D0081 | sep-04 | 6,467 | 6,467 | -1 -1 | 6,467 | 1 0 | 6,462 | -6 -6 | 6,462 | 0 -5 | 6,460 | -2 -7 |
| 005D0082 | sep-04 | 0,654 | 0,651 | -3 -3 | 0,657 | 6 3 | 0,650 | -7 -4 | 0,651 | 0 -4 | 0,652 | 1 -2 |
| 005D0083 | sep-04 | 4,826 | 4,816 | -10 -10 | 4,810 | -6 -16 | 4,807 | -3 -19 | 4,799 | -8 -27 | 4,795 | -4 -31 |
| 005D0084 | sep-05 | 2,076 | 2,076 | 0 | 2,078 | 2 2 | 2,068 | -10 -8 | 2,063 | -5 -13 | 2,061 | -2 -15 |
| 005D0087 | sep-06 | 5,000 | | | 5,000 | 0 | 4,988 | -12 -12 | 4,973 | -15 -27 | 4,964 | -9 -36 |
| 005D0088 | sep-06 | 2,061 | | | 2,061 | 0 | 2,051 | -10 -10 | 2,047 | -4 -14 | 2,044 | -2 -17 |
| 005G0007 | sep-95 | -0,160 | -0,220 | -6 -60 | -0,221 | -1 -61 | -0,228 | -7 -69 | -0,245 | -16 -85 | -0,256 | -11 -96 |
| 005G0028 | sep-95 | 1,388 | 1,124 | -11 -265 | 1,125 | 2 -263 | 1,115 | -10 -274 | 1,112 | -3 -277 | 1,111 | -1 -278 |
| 005G0145 | sep-95 | 0,393 | 0,224 | -17 -169 | 0,212 | -12 -182 | 0,194 | -18 -199 | 0,153 | -41 -240 | 0,131 | -22 -262 |
| 005G0164 | sep-95 | 1,494 | 1,339 | -11 -155 | 1,340 | 1 -154 | 1,331 | -9 -163 | 1,324 | -7 -170 | 1,323 | -1 -171 |
| 005G0179 | sep-95 | 0,492 | 0,340 | -14 -152 | 0,332 | -8 -160 | 0,318 | -14 -174 | 0,289 | -30 -203 | 0,270 | -18 -222 |

| Hoogte- merk | Nulmeting | | september 2005 | | september 2006 | | september 2007 | | november 2011 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 005G0205 | sep-95 | 1,400 | 1,315 | -9 -85 | 1,306 | -9 -95 | 1,291 | -15 -110 | 1,251 | -40 -149 | 1,233 | -18 -167 |
| 005G0206 | sep-95 | 1,057 | 1,003 | -7 -54 | 1,005 | 2 -52 | 0,999 | -5 -57 | 0,991 | -8 -66 | 0,984 | -7 -73 |
| 005G0207 | sep-97 | 2,448 | | | 2,439 | -9 | 2,437 | -3 -11 | 2,434 | -3 -14 | 2,432 | -2 -16 |
| 005G0211 | sep-97 | 1,084 | | | 1,080 | -4 | 1,080 | -1 -4 | | | | |
| 005G0219 | sep-95 | 1,175 | 1,002 | -18 -173 | 0,990 | -12 -185 | 0,971 | -19 -204 | 0,928 | -43 -247 | 0,904 | -25 -271 |
| 005G0270 | sep-03 | 0,435 | 0,427 | -8 -8 | 0,432 | 4 -4 | 0,426 | -6 -10 | | | | |
| 005G0287 | sep-06 | -0,419 | | | -0,419 | 0 | -0,432 | -13 -13 | -0,456 | -24 -37 | -0,471 | -15 -53 |
| 0000010 | sep-95 | 1,056 | 0,999 | -4 -57 | 1,002 | 3 -54 | 0,993 | -9 -63 | 0,991 | -2 -65 | 0,992 | 1 -65 |
| 0000011 | sep-95 | 1,407 | 1,329 | -7 -78 | 1,331 | 2 -76 | 1,321 | -10 -86 | 1,316 | -5 -91 | 1,314 | -2 -93 |
| 0000012 | sep-95 | 1,433 | 1,358 | -7 -75 | 1,360 | 2 -73 | 1,351 | -9 -82 | 1,347 | -4 -86 | 1,346 | -1 -87 |
| 0000014 | sep-95 | 2,220 | 2,115 | -9 -105 | 2,118 | 3 -102 | 2,108 | -10 -112 | 2,102 | -6 -117 | 2,099 | -4 -121 |
| 0000015 | sep-95 | 2,093 | 1,974 | -11 -119 | 1,977 | 3 -116 | 1,968 | -9 -125 | 1,963 | -5 -130 | 1,961 | -2 -132 |
| 0000020 | sep-95 | -0,947 | -0,994 | -8 -47 | -0,990 | 4 -43 | -0,996 | -6 -49 | -0,998 | -2 -51 | -1,000 | -1 -52 |
| 0000021 | sep-95 | 0,849 | 0,744 | -11 -106 | 0,745 | 1 -104 | 0,738 | -7 -111 | 0,732 | -6 -117 | 0,729 | -3 -120 |
| 0000022 | sep-95 | 0,121 | 0,092 | -7 -30 | 0,096 | 4 -25 | 0,091 | -5 -31 | 0,090 | -1 -32 | 0,089 | -1 -32 |
| 0000023 | sep-95 | 0,093 | -0,038 | -11 -131 | -0,038 | 0 -131 | -0,047 | -8 -140 | -0,052 | -6 -145 | -0,056 | -4 -150 |
| 0000029 | sep-97 | 0,835 | 0,802 | -4 -34 | 0,805 | 3 -30 | 0,798 | -7 -37 | 0,796 | -3 -39 | 0,795 | -1 -40 |
| 0000030 | sep-97 | 1,469 | 1,404 | -7 -65 | 1,408 | 4 -61 | 1,398 | -10 -71 | 1,395 | -3 -74 | 1,393 | -2 -76 |

| Hoogte- merk | <i>Nulmeting</i> | | <i>september 2005</i> | | <i>september 2006</i> | | <i>september 2007</i> | | <i>november 2011</i> | | <i>november 2015</i> | |
|-----------------|----------------------------------|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) | Cumul.diff. nulmeting (mm) |
| 0000040 | mei-98 | 0,777 | 0,776 | -4 -2 | 0,782 | 6 5 | 0,776 | -6 -1 | 0,776 | 0 -1 | 0,778 | 2 1 |
| 0000041 | mei-98 | 0,862 | 0,862 | -2 0 | 0,865 | 3 3 | 0,861 | -4 -1 | 0,862 | 1 0 | 0,863 | 1 1 |
| 0000045 | mei-98 | 5,618 | 5,591 | -5 -26 | 5,589 | -3 -29 | 5,588 | -1 -30 | 5,581 | -7 -36 | 5,577 | -4 -41 |
| 0000046 | mei-98 | 6,146 | 6,139 | -5 -7 | 6,139 | 1 -6 | 6,138 | -1 -7 | 6,140 | 1 -6 | 6,139 | -1 -7 |
| 0000047 | mei-98 | 2,947 | 2,939 | -5 -8 | 2,941 | 2 -6 | 2,937 | -4 -10 | 2,938 | 1 -9 | 2,935 | -3 -11 |
| 0000048 | mei-98 | 4,165 | 4,162 | -3 -3 | 4,162 | 1 -2 | 4,159 | -3 -5 | | | | |
| 0000059 | jul-99 | 1,791 | 1,792 | -3 1 | 1,795 | 2 4 | | | | | | |
| 0000062 | jul-99 | 1,620 | 1,510 | -10 -110 | 1,510 | 0 -110 | 1,502 | -8 -118 | 1,498 | -4 -122 | 1,496 | -2 -124 |
| 0000065 | sep-01 | 0,770 | 0,770 | -4 0 | 0,776 | 6 6 | 0,770 | -6 0 | 0,770 | 1 1 | 0,772 | 1 2 |
| 0000085 | sep-05 | -0,888 | -0,888 | | -0,897 | -10 -10 | | | | | | |
| 0000107 | sep-07 | 1,666 | | | | | 1,666 | | 1,668 | 2 2 | 1,668 | 0 2 |
| 0003024 | dec-11 | 0,803 | | | | | | | 0,803 | | 0,781 | -22 -22 |
| 0003026 | dec-11 | 0,168 | | | | | | | 0,168 | | 0,146 | -22 -22 |
| 0003027 | dec-11 | 0,216 | | | | | | | 0,216 | | 0,193 | -23 -23 |
| 0003034 | dec-11 | 0,933 | | | | | | | 0,933 | | 0,914 | -20 -20 |
| 0003035 | dec-11 | 0,690 | | | | | | | 0,690 | | 0,665 | -25 -25 |
| 0003036 | dec-11 | 0,639 | | | | | | | 0,639 | | 0,617 | -22 -22 |
| 0003042 | dec-11 | 4,188 | | | | | | | 4,188 | | 4,184 | -4 -4 |

| Hoogte- merk | <i>Nulmeting</i> | | <i>september 2005</i> | | <i>september 2006</i> | | <i>september 2007</i> | | <i>november 2011</i> | | <i>november 2015</i> | |
|-----------------|----------------------------------|---|----------------------------------|---------------|----------------------------------|---------------|----------------------------------|---------------|----------------------------------|---------------|----------------------------------|---------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | |
| 0004021 D21 | sep-00 | 9,581 | 9,535 | -7 -47 | 9,535 | 0 -47 | 9,526 | -9 -56 | 9,520 | -6 -61 | 9,519 | -1 -63 |
| 0004022 D22 | sep-00 | 1,299 | 1,257 | -6 -41 | 1,259 | 2 -40 | 1,250 | -9 -49 | 1,246 | -4 -53 | 1,246 | 0 -53 |
| 0004023 D23 | sep-00 | 0,094 | 0,041 | -9 -52 | 0,043 | 2 -51 | 0,034 | -9 -59 | 0,029 | -6 -65 | 0,017 | -12 -77 |
| 0004031 D31 | sep-00 | 9,630 | 9,604 | -4 -26 | 9,603 | -1 -27 | 9,598 | -5 -32 | 9,593 | -5 -37 | 9,589 | -4 -41 |
| 0004032 D32 | sep-00 | 1,272 | 1,250 | -3 -22 | 1,250 | 0 -22 | 1,247 | -3 -25 | 1,243 | -4 -29 | 1,241 | -2 -31 |
| 0004033 D33 | sep-00 | 0,055 | 0,035 | -3 -20 | 0,038 | 3 -17 | 0,032 | -6 -23 | 0,030 | -3 -26 | 0,028 | -2 -28 |

Differentiëestaat Barradeel II

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 000A2760 | sep-06 | 0,284 | 0,284 | 0 | 0,284 | 0 | 0,284 | 0 | 0,284 | 0 | 0,284 | 0 |
| 000A2894 | okt-13 | -0,291 | | | | | | | -0,291 | | -0,297 | -6 |
| 005G0018 | feb-03 | 0,721 | 0,710 | -6 | 0,704 | -6 | 0,698 | -6 | 0,693 | -5 | 0,688 | -5 |
| 005G0020 | sep-06 | 1,566 | 1,567 | 1 | 1,560 | -7 | 1,562 | 2 | 1,559 | -3 | 1,556 | -2 |
| 005G0021 | sep-06 | 0,986 | 0,987 | 1 | 0,985 | -2 | 0,986 | 0 | 0,983 | -3 | 0,983 | 0 |
| 005G0026 | feb-03 | 3,822 | | | | | | | | | | |
| 005G0027 | sep-04 | 2,645 | | | | | | | | | | |
| 005G0032 | feb-03 | 1,020 | 1,012 | -10 | 1,004 | -8 | 0,991 | -13 | 0,978 | -12 | 0,962 | -16 |
| 005G0033 | feb-03 | 2,621 | 2,616 | -8 | 2,607 | -8 | 2,595 | -13 | 2,582 | -12 | 2,566 | -16 |
| 005G0034 | feb-03 | 1,298 | 1,292 | -10 | 1,276 | -16 | 1,251 | -25 | 1,227 | -24 | 1,198 | -30 |
| 005G0035 | feb-03 | 3,118 | 3,111 | -8 | 3,086 | -25 | 3,051 | -35 | 3,018 | -34 | 2,979 | -39 |
| 005G0036 | sep-09 | 1,100 | | | 1,100 | | 1,094 | -6 | 1,094 | 0 | 1,091 | -3 |
| 005G0038 | feb-03 | 3,915 | 3,850 | -12 | 3,846 | -5 | 3,839 | -6 | 3,840 | 1 | 3,837 | -3 |
| 005G0039 | feb-03 | 1,072 | 1,014 | -16 | 1,005 | -9 | 0,995 | -9 | 0,994 | -1 | 0,989 | -4 |
| 005G0040 | feb-03 | 2,885 | 2,820 | -18 | 2,809 | -11 | 2,799 | -10 | 2,797 | -2 | 2,793 | -4 |
| 005G0043 | sep-07 | 1,094 | 1,094 | | 1,069 | -24 | 1,054 | -15 | 1,043 | -12 | 1,026 | -17 |
| 005G0045 | sep-04 | 2,764 | 2,756 | -3 | 2,751 | -5 | 2,741 | -11 | 2,732 | -9 | 2,719 | -13 |
| 005G0049 | feb-03 | 0,875 | 0,832 | -18 | 0,818 | -14 | 0,807 | -12 | 0,806 | -1 | 0,800 | -5 |

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 005G0052 | feb-03 | 2,227 | 2,213 | -11 -14 | 2,206 | -6 -21 | 2,200 | -6 -27 | 2,199 | -1 -28 | 2,195 | -4 -32 |
| 005G0053 | feb-03 | 2,060 | 2,049 | -10 -11 | 2,039 | -10 -20 | 2,028 | -12 -32 | 2,018 | -10 -42 | 2,004 | -13 -55 |
| 005G0054 | feb-03 | 3,782 | 3,776 | -7 -6 | 3,761 | -15 -21 | 3,740 | -21 -42 | 3,722 | -18 -60 | 3,700 | -23 -82 |
| 005G0057 | feb-03 | 1,891 | 1,885 | -8 -6 | 1,879 | -5 -12 | 1,870 | -10 -22 | 1,861 | -8 -30 | 1,851 | -11 -41 |
| 005G0063 | feb-03 | 1,801 | 1,797 | -8 -4 | 1,795 | -2 -6 | 1,790 | -4 -11 | 1,792 | 1 -9 | 1,790 | -1 -11 |
| 005G0065 | feb-03 | 0,816 | 0,805 | -9 -11 | 0,802 | -3 -14 | 0,798 | -4 -18 | 0,797 | -2 -19 | 0,793 | -3 -23 |
| 005G0071 | feb-03 | 2,254 | 2,253 | 0 | 2,253 | 0 -1 | | | | | | |
| 005G0072 | sep-04 | 1,323 | 1,318 | -6 -5 | 1,317 | -2 -6 | 1,316 | -1 -7 | 1,316 | -1 -8 | 1,315 | 0 -8 |
| 005G0092 | feb-03 | 1,504 | 1,493 | -11 -11 | 1,461 | -32 -43 | 1,425 | -36 -79 | 1,392 | -33 -112 | 1,353 | -39 -151 |
| 005G0093 | feb-03 | 1,194 | 1,183 | -12 -11 | 1,137 | -46 -57 | 1,084 | -53 -110 | 1,037 | -47 -157 | 0,986 | -51 -208 |
| 005G0097 | feb-03 | 1,924 | 1,926 | 2 | 1,925 | 0 2 | 1,922 | -3 -2 | 1,923 | 1 -1 | 1,920 | -3 -4 |
| 005G0112 | sep-06 | 0,815 | 0,818 | 2 2 | 0,811 | -7 -5 | 0,816 | 5 0 | 0,809 | -7 -7 | 0,806 | -2 -9 |
| 005G0113 | feb-03 | 0,604 | 0,592 | -11 -12 | 0,574 | -18 -30 | 0,550 | -24 -54 | 0,530 | -19 -73 | 0,505 | -26 -99 |
| 005G0115 | feb-03 | 1,380 | 1,375 | -8 -5 | 1,360 | -15 -20 | 1,341 | -20 -40 | 1,323 | -17 -57 | 1,301 | -22 -79 |
| 005G0116 | feb-03 | 1,764 | 1,763 | -8 -2 | 1,749 | -14 -16 | | | | | | |
| 005G0117 | feb-03 | 1,522 | 1,524 | -6 2 | 1,523 | -2 1 | 1,521 | -2 -1 | 1,521 | 0 -1 | 1,518 | -2 -3 |
| 005G0118 | feb-03 | 1,965 | 1,963 | -2 | 1,963 | 0 -2 | 1,959 | -4 -6 | 1,961 | 1 -4 | 1,959 | -2 -6 |
| 005G0122 | feb-03 | 0,181 | 0,181 | 0 | 0,182 | 0 0 | 0,180 | -2 -2 | 0,181 | 1 -1 | 0,179 | -2 -3 |

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 005G0127 | sep-06 | 0,953 | 0,945 | -8 -8 | 0,934 | -12 -19 | 0,926 | -7 -27 | 0,919 | -7 -34 | 0,914 | -5 -39 |
| 005G0129 | feb-03 | 0,536 | 0,470 | -10 -66 | 0,469 | -1 -67 | 0,465 | -4 -71 | 0,466 | 1 -70 | 0,464 | -2 -72 |
| 005G0132 | feb-03 | 0,914 | 0,911 | -6 -3 | 0,909 | -2 -5 | 0,908 | -1 -6 | 0,909 | 1 -5 | 0,908 | -1 -6 |
| 005G0135 | feb-03 | 1,646 | 1,639 | -11 -7 | 1,608 | -30 -37 | 1,571 | -37 -75 | 1,538 | -34 -108 | 1,499 | -39 -147 |
| 005G0138 | sep-06 | 1,010 | 1,009 | -2 -2 | 1,004 | -5 -6 | 1,005 | 1 -6 | 1,004 | -1 -7 | 1,002 | -1 -8 |
| 005G0140 | sep-04 | 0,474 | 0,463 | -7 -12 | 0,461 | -2 -14 | 0,452 | -9 -22 | 0,445 | -7 -29 | 0,436 | -9 -38 |
| 005G0142 | feb-03 | 0,917 | 0,844 | -24 -72 | 0,817 | -27 -99 | 0,797 | -21 -120 | 0,785 | -12 -132 | 0,774 | -11 -143 |
| 005G0153 | feb-03 | 1,055 | 1,053 | -1 -1 | 1,054 | 0 -1 | | | | | | |
| 005G0154 | feb-03 | 2,037 | 2,032 | -10 -5 | 2,030 | -2 -7 | 2,025 | -5 -12 | 2,025 | 0 -12 | 2,023 | -2 -14 |
| 005G0155 | feb-03 | 1,212 | 1,204 | -7 -8 | 1,200 | -4 -11 | 1,197 | -3 -15 | 1,197 | 0 -15 | 1,195 | -2 -17 |
| 005G0158 | sep-04 | 1,583 | 1,576 | -2 -7 | 1,573 | -3 -10 | 1,572 | -1 -11 | 1,568 | -4 -15 | 1,565 | -4 -19 |
| 005G0160 | feb-03 | 1,034 | 0,998 | -15 -36 | 0,974 | -23 -60 | 0,958 | -16 -76 | 0,947 | -12 -87 | 0,930 | -17 -104 |
| 005G0161 | feb-03 | 1,175 | 1,159 | -11 -16 | 1,148 | -11 -27 | 1,135 | -13 -40 | 1,126 | -9 -49 | 1,113 | -13 -62 |
| 005G0167 | feb-03 | 0,667 | 0,613 | -9 -54 | 0,611 | -2 -56 | 0,603 | -8 -64 | 0,602 | -1 -65 | 0,597 | -5 -70 |
| 005G0168 | feb-03 | 0,467 | 0,391 | -17 -76 | 0,376 | -14 -91 | 0,360 | -17 -107 | 0,353 | -7 -114 | 0,344 | -9 -123 |
| 005G0180 | feb-03 | 0,808 | 0,686 | -24 -122 | 0,658 | -28 -150 | 0,637 | -21 -171 | 0,626 | -11 -182 | 0,614 | -11 -193 |
| 005G0181 | feb-03 | 6,169 | | | | | | | | | | |
| 005G0182 | sep-04 | 3,006 | 2,994 | -7 -11 | 2,992 | -3 -14 | 2,986 | -6 -20 | 2,981 | -4 -25 | 2,974 | -7 -32 |

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 005G0183 | feb-03 | 0,917 | 0,918 | -4 1 | 0,918 | 0 1 | 0,914 | -4 -3 | 0,913 | -2 -5 | 0,909 | -3 -8 |
| 005G0184 | sep-06 | 1,497 | 1,496 | -2 -2 | 1,494 | -2 -4 | 1,494 | 0 -4 | 1,494 | 0 -4 | 1,494 | 0 -4 |
| 005G0187 | feb-03 | 0,440 | 0,346 | -27 -94 | 0,322 | -25 -118 | 0,307 | -15 -133 | 0,303 | -4 -137 | 0,297 | -6 -143 |
| 005G0189 | feb-03 | 0,985 | 0,926 | -18 -59 | 0,915 | -12 -70 | 0,904 | -10 -80 | 0,902 | -2 -83 | 0,897 | -5 -88 |
| 005G0194 | sep-06 | 1,061 | 1,063 | 2 2 | 1,061 | -3 0 | 1,060 | 0 -1 | 1,060 | -1 -1 | 1,058 | -2 -3 |
| 005G0196 | sep-06 | 1,227 | 1,223 | -4 -4 | 1,220 | -3 -8 | 1,218 | -2 -9 | 1,215 | -4 -13 | 1,211 | -3 -16 |
| 005G0197 | feb-03 | 0,850 | 0,832 | -8 -19 | 0,823 | -8 -27 | 0,815 | -8 -35 | 0,809 | -6 -41 | 0,804 | -5 -47 |
| 005G0200 | feb-03 | 1,368 | 1,306 | -10 -62 | 1,302 | -4 -66 | 1,292 | -10 -76 | 1,289 | -3 -79 | 1,283 | -5 -84 |
| 005G0201 | sep-06 | 0,460 | 0,439 | -21 -21 | 0,415 | -24 -45 | 0,394 | -21 -66 | 0,385 | -9 -75 | 0,374 | -11 -86 |
| 005G0217 | feb-03 | 1,887 | | | | | | | | | | |
| 005G0218 | sep-06 | 0,763 | 0,748 | -16 -16 | 0,728 | -20 -36 | 0,715 | -13 -49 | 0,706 | -8 -57 | 0,698 | -8 -65 |
| 005G0221 | feb-03 | -0,053 | -0,094 | -15 -41 | -0,107 | -12 -53 | -0,118 | -11 -64 | -0,121 | -3 -67 | -0,127 | -6 -73 |
| 005G0223 | sep-04 | 0,689 | 0,685 | -6 -4 | 0,684 | -1 -5 | 0,681 | -3 -8 | 0,681 | 0 -8 | 0,679 | -2 -10 |
| 005G0224 | sep-04 | -0,044 | -0,052 | -4 -8 | -0,059 | -7 -15 | -0,072 | -13 -28 | -0,085 | -13 -41 | -0,102 | -16 -57 |
| 005G0227 | feb-03 | 0,932 | 0,866 | -21 -66 | 0,841 | -25 -91 | 0,821 | -20 -111 | 0,811 | -10 -121 | 0,801 | -10 -131 |
| 005G0228 | feb-03 | 0,471 | 0,388 | -20 -83 | 0,373 | -16 -98 | 0,361 | -12 -110 | 0,359 | -2 -112 | 0,358 | -2 -114 |
| 005G0230 | feb-03 | 1,646 | 1,642 | -9 -4 | 1,625 | -17 -21 | 1,604 | -21 -42 | 1,584 | -20 -62 | 1,560 | -24 -86 |
| 005G0231 | feb-03 | 1,299 | 1,290 | -10 -9 | 1,283 | -7 -16 | 1,276 | -7 -23 | 1,273 | -4 -26 | 1,265 | -8 -34 |

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 005G0232 | feb-03 | 1,137 | 1,137 | -10 0 | 1,136 | -1 -1 | 1,132 | -4 -5 | 1,133 | 1 -4 | 1,131 | -2 -7 |
| 005G0233 | feb-03 | 1,683 | 1,679 | -4 | 1,681 | 2 -3 | 1,677 | -3 -6 | 1,676 | -2 -7 | 1,673 | -3 -11 |
| 005G0236 | feb-03 | 1,083 | 1,082 | -1 | 1,081 | -1 -2 | 1,079 | -2 -4 | 1,078 | -1 -4 | 1,078 | 0 -5 |
| 005G0239 | sep-04 | 1,695 | 1,684 | -6 -11 | 1,684 | 0 -11 | 1,682 | -1 -12 | 1,684 | 1 -11 | 1,683 | -1 -12 |
| 005G0242 | feb-03 | 2,032 | 2,033 | -7 1 | 2,026 | -7 -6 | 2,017 | -10 -15 | 2,008 | -8 -24 | 1,997 | -11 -34 |
| 005G0243 | feb-03 | 1,538 | 1,533 | -9 -5 | 1,518 | -16 -20 | 1,497 | -20 -40 | 1,478 | -19 -60 | 1,456 | -22 -82 |
| 005G0244 | feb-03 | 0,944 | 0,940 | -9 -4 | 0,920 | -20 -24 | 0,895 | -25 -49 | 0,871 | -24 -73 | 0,844 | -27 -100 |
| 005G0245 | feb-03 | 0,792 | 0,784 | -15 -9 | 0,742 | -41 -50 | 0,691 | -51 -101 | 0,645 | -46 -147 | 0,595 | -51 -197 |
| 005G0246 | feb-03 | 0,687 | 0,677 | -16 -10 | 0,627 | -50 -60 | 0,568 | -59 -119 | 0,513 | -54 -173 | 0,455 | -58 -232 |
| 005G0247 | feb-03 | 1,110 | 1,105 | -12 -5 | 1,061 | -44 -48 | 1,007 | -55 -103 | 0,956 | -51 -154 | 0,901 | -54 -208 |
| 005G0248 | feb-03 | 0,650 | 0,645 | -9 -6 | 0,626 | -19 -25 | 0,596 | -30 -55 | 0,568 | -28 -82 | 0,535 | -33 -116 |
| 005G0249 | feb-03 | 1,010 | 1,006 | -7 -5 | 0,992 | -14 -19 | 0,971 | -20 -39 | 0,951 | -20 -59 | 0,927 | -24 -83 |
| 005G0250 | feb-03 | -0,692 | -0,691 | -4 2 | -0,691 | -1 1 | | | | | | |
| 005G0251 | feb-03 | -0,005 | -0,006 | -6 -2 | -0,007 | -1 -3 | -0,008 | -1 -3 | -0,011 | -3 -6 | -0,013 | -2 -9 |
| 005G0252 | feb-03 | 2,667 | 2,663 | -8 -3 | 2,653 | -10 -13 | 2,635 | -19 -32 | 2,618 | -17 -48 | 2,597 | -22 -70 |
| 005G0253 | feb-03 | 1,220 | 1,211 | -14 -10 | 1,169 | -42 -52 | 1,119 | -49 -101 | 1,073 | -46 -147 | 1,024 | -49 -197 |
| 005G0254 | feb-03 | 0,678 | 0,617 | -20 -61 | 0,592 | -25 -86 | 0,575 | -18 -103 | 0,564 | -11 -114 | 0,554 | -10 -124 |
| 005G0255 | feb-03 | 0,915 | 0,916 | -5 1 | 0,912 | -5 -4 | 0,903 | -8 -12 | 0,897 | -6 -18 | 0,890 | -8 -25 |

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 005G0256 | feb-03 | 1,151 | 1,152 | -5 1 | 1,150 | -1 0 | 1,149 | -2 -2 | 1,149 | 0 -2 | 1,148 | -1 -3 |
| 005G0257 | feb-03 | -0,326 | -0,323 | 4 | -0,320 | 3 6 | -0,324 | -4 2 | -0,323 | 1 3 | -0,323 | 0 3 |
| 005G0258 | feb-03 | 0,869 | 0,860 | -7 -9 | 0,855 | -5 -14 | 0,849 | -6 -20 | 0,844 | -6 -25 | 0,838 | -6 -31 |
| 005G0260 | sep-04 | -0,038 | -0,044 | -2 -6 | -0,045 | -1 -7 | -0,051 | -6 -13 | -0,057 | -5 -19 | -0,064 | -7 -26 |
| 005G0261 | sep-04 | 0,568 | 0,560 | -7 -7 | 0,556 | -5 -12 | 0,546 | -10 -22 | 0,537 | -9 -31 | 0,527 | -11 -41 |
| 005G0263 | sep-03 | 0,781 | 0,773 | -13 -8 | 0,728 | -46 -53 | 0,674 | -54 -107 | 0,626 | -48 -155 | 0,573 | -52 -208 |
| 005G0264 | sep-04 | 1,321 | 1,314 | -6 -8 | 1,303 | -11 -18 | 1,284 | -19 -37 | 1,266 | -18 -55 | 1,243 | -24 -79 |
| 005G0265 | sep-04 | 1,678 | 1,670 | -3 -8 | 1,666 | -4 -12 | 1,657 | -9 -21 | 1,649 | -8 -29 | 1,638 | -11 -40 |
| 005G0266 | sep-03 | 0,894 | 0,859 | -8 -35 | 0,857 | -3 -37 | 0,853 | -3 -41 | 0,851 | -2 -43 | 0,848 | -4 -46 |
| 005G0267 | sep-03 | 1,236 | 1,233 | -7 -2 | 1,230 | -3 -6 | 1,226 | -4 -9 | 1,227 | 1 -8 | 1,225 | -2 -10 |
| 005G0271 | sep-04 | -0,249 | -0,254 | -6 -5 | -0,253 | 1 -4 | -0,255 | -2 -6 | -0,255 | 0 -6 | -0,257 | -2 -9 |
| 005G0272 | sep-04 | 0,767 | | | | | | | | | | |
| 005G0273 | sep-04 | 0,083 | 0,069 | -8 -14 | | | | | | | | |
| 005G0274 | sep-04 | 1,608 | 1,592 | -9 -16 | 1,589 | -4 -20 | 1,584 | -4 -24 | 1,584 | -1 -25 | 1,581 | -2 -27 |
| 005G0275 | feb-03 | 1,012 | 0,953 | -21 -59 | 0,933 | -20 -79 | 0,919 | -15 -93 | 0,913 | -6 -99 | 0,905 | -8 -106 |
| 005G0277 | sep-04 | 2,960 | 2,956 | -6 -4 | 2,953 | -2 -7 | 2,952 | -1 -8 | 2,951 | -1 -9 | 2,951 | -1 -9 |
| 005G0278 | sep-04 | 0,576 | 0,567 | -4 -9 | 0,567 | 0 -9 | 0,563 | -4 -13 | 0,561 | -2 -15 | 0,558 | -2 -18 |
| 005G0279 | sep-04 | 0,697 | 0,688 | -7 -9 | 0,670 | -18 -27 | 0,644 | -26 -53 | 0,619 | -26 -78 | 0,588 | -31 -109 |

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 005G0280 | sep-04 | 0,813 | 0,806 | -1 -7 | 0,805 | -1 -8 | 0,803 | -1 -10 | 0,800 | -4 -13 | 0,797 | -3 -16 |
| 005G0281 | sep-04 | 1,072 | 1,010 | -24 -61 | 0,984 | -26 -87 | 0,961 | -23 -111 | 0,950 | -11 -122 | 0,939 | -11 -133 |
| 005G0282 | sep-05 | 0,448 | 0,420 | -17 -28 | 0,410 | -10 -38 | 0,000 | -410 -448 | | | | |
| 005G0288 | sep-06 | 0,886 | 0,875 | -12 -12 | 0,837 | -38 -50 | 0,790 | -47 -97 | 0,745 | -44 -141 | 0,697 | -48 -189 |
| 005G0289 | sep-07 | 0,678 | 0,678 | | 0,678 | 0 0 | 0,675 | -3 -2 | 0,673 | -3 -5 | 0,668 | -5 -10 |
| 005G0290 | sep-07 | 2,319 | 2,319 | | 2,317 | -2 -2 | 2,316 | -1 -3 | 2,315 | -2 -5 | 2,312 | -3 -7 |
| 005G0291 | sep-07 | 0,457 | 0,457 | | 0,455 | -2 -2 | 0,452 | -3 -5 | 0,447 | -5 -10 | 0,444 | -3 -13 |
| 005G0292 | sep-07 | 0,068 | 0,068 | | 0,067 | -1 -1 | 0,065 | -2 -2 | 0,066 | 1 -2 | 0,065 | -1 -3 |
| 005G0293 | sep-07 | 3,223 | 3,223 | | 3,220 | -3 -3 | 3,218 | -2 -5 | 3,214 | -4 -9 | 3,209 | -5 -14 |
| 005G0297 | sep-09 | -0,242 | | | -0,242 | | -0,249 | -7 -7 | -0,250 | -1 -9 | -0,256 | -5 -14 |
| 005G0298 | sep-09 | 0,376 | | | 0,376 | | 0,362 | -14 -14 | 0,360 | -2 -16 | 0,354 | -5 -21 |
| 005G0299 | sep-09 | 0,239 | | | 0,239 | | 0,229 | -10 -10 | 0,227 | -1 -12 | 0,222 | -5 -17 |
| 005G0304 | sep-09 | 1,209 | | | 1,209 | | 1,193 | -16 -16 | 1,184 | -9 -25 | 1,175 | -9 -34 |
| 005G0305 | sep-09 | 0,449 | | | 0,449 | | 0,438 | -11 -11 | 0,428 | -10 -20 | 0,416 | -12 -32 |
| 005G0306 | sep-09 | 0,906 | | | 0,906 | | 0,883 | -23 -23 | 0,862 | -21 -44 | 0,837 | -25 -69 |
| 005G0307 | nov-11 | 1,079 | | | | | 1,079 | | 1,079 | -1 -1 | 1,076 | -2 -3 |
| 005G0308 | nov-11 | 2,460 | | | | | 2,460 | | 2,460 | 0 0 | 2,459 | -1 -1 |
| 005G0309 | nov-11 | 1,393 | | | | | 1,393 | | 1,390 | -2 -2 | 1,383 | -7 -10 |

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 005G0310 | nov-11 | 1,029 | | | | | 1,029 | | 1,029 | 0 0 | 1,027 | |
| 005H0044 | sep-04 | 0,912 | 0,905 | -3 -6 | 0,907 | 2 -4 | 0,906 | -1 -6 | 0,906 | 0 -6 | 0,906 | 0 -6 |
| 005H0270 | sep-07 | 1,391 | 1,391 | | 1,395 | 4 4 | 1,392 | -3 1 | 1,394 | 2 2 | 1,393 | -1 2 |
| 0000001 | feb-03 | 0,584 | 0,511 | -10 -73 | 0,512 | 1 -72 | 0,507 | -5 -77 | 0,508 | 1 -76 | 0,506 | -2 -78 |
| 0000002 | feb-03 | 0,721 | 0,647 | -11 -74 | 0,646 | -1 -75 | 0,641 | -5 -80 | 0,641 | 0 -80 | 0,635 | -6 -86 |
| 0000008 | feb-03 | 1,077 | 0,988 | -18 -89 | 0,969 | -20 -108 | 0,959 | -10 -118 | 0,955 | -4 -122 | 0,949 | -5 -128 |
| 0000009 | feb-03 | 0,861 | 0,768 | -22 -92 | 0,746 | -22 -114 | 0,734 | -13 -127 | 0,731 | -3 -130 | 0,725 | -5 -135 |
| 0000013 | feb-03 | 1,296 | 1,275 | -6 -21 | 1,273 | -2 -23 | 1,270 | -3 -26 | 1,271 | 1 -25 | 1,269 | -2 -27 |
| 0000016 | feb-03 | 0,517 | 0,457 | -13 -59 | 0,451 | -6 -66 | 0,443 | -8 -74 | 0,444 | 1 -73 | 0,440 | -4 -77 |
| 0000017 | feb-03 | 1,251 | 1,214 | -10 -38 | 1,209 | -5 -43 | 1,204 | -4 -47 | 1,204 | 0 -47 | 1,202 | -2 -49 |
| 0000024 | feb-03 | -0,722 | -0,780 | -9 -58 | -0,780 | 1 -57 | -0,785 | -5 -62 | -0,785 | 0 -63 | -0,787 | -2 -65 |
| 0000027 | feb-03 | 0,242 | 0,163 | -11 -79 | 0,158 | -5 -84 | 0,153 | -5 -89 | 0,152 | -1 -90 | 0,148 | -3 -94 |
| 0000028 | feb-03 | 0,397 | 0,324 | -9 -73 | 0,319 | -5 -78 | 0,316 | -3 -81 | 0,316 | 0 -81 | 0,313 | -3 -84 |
| 0000032 | feb-03 | -0,049 | -0,059 | -7 -10 | -0,060 | -1 -11 | -0,061 | -2 -13 | -0,061 | 1 -12 | -0,062 | -1 -13 |
| 0000033 | feb-03 | -0,610 | -0,675 | -9 -65 | -0,675 | 0 -65 | -0,679 | -4 -69 | -0,678 | 1 -68 | -0,680 | -2 -70 |
| 0000035 | feb-03 | -0,401 | -0,462 | -9 -61 | -0,462 | 0 -61 | -0,467 | -5 -66 | -0,467 | 0 -66 | -0,469 | -2 -68 |
| 0000036 | feb-03 | -0,006 | -0,077 | -11 -71 | -0,075 | 1 -69 | -0,080 | -5 -74 | -0,079 | 1 -73 | -0,081 | -2 -75 |
| 0000039 | feb-03 | 1,014 | 0,940 | -10 -74 | 0,939 | -1 -75 | | | | | | |

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 0000042 | feb-03 | 1,431 | 1,424 | -7 -6 | 1,423 | -1 -8 | 1,420 | -3 -11 | 1,421 | 1 -9 | 1,421 | -1 -10 |
| 0000043 | feb-03 | 1,599 | | | | | | | | | | |
| 0000049 | feb-03 | -0,758 | -0,777 | -14 -20 | -0,791 | -13 -33 | -0,807 | -16 -49 | -0,814 | -8 -57 | -0,827 | -13 -69 |
| 0000050 | feb-03 | 0,767 | 0,729 | -19 -38 | 0,710 | -19 -57 | 0,693 | -17 -74 | 0,686 | -7 -81 | 0,672 | -14 -95 |
| 0000051 | feb-03 | -0,720 | -0,776 | -22 -57 | -0,798 | -22 -79 | -0,815 | -17 -95 | -0,818 | -3 -98 | -0,827 | -9 -108 |
| 0000052 | feb-03 | 0,985 | 0,920 | -23 -65 | 0,898 | -22 -87 | 0,884 | -14 -101 | 0,880 | -3 -105 | 0,873 | -7 -112 |
| 0000053 | feb-03 | -0,095 | -0,180 | -28 -85 | -0,208 | -28 -113 | -0,224 | -16 -129 | -0,229 | -5 -134 | -0,237 | -8 -142 |
| 0000054 | feb-03 | 0,748 | 0,694 | -21 -54 | 0,676 | -17 -72 | 0,000 | -676 -748 | | | | |
| 0000055 | feb-03 | -0,567 | -0,594 | -13 -28 | -0,604 | -10 -37 | -0,613 | -8 -46 | -0,614 | -2 -48 | -0,617 | -3 -50 |
| 0000056 | feb-03 | 1,114 | 1,071 | -11 -43 | 1,068 | -3 -46 | 1,061 | -7 -53 | 1,062 | 1 -52 | 1,059 | -3 -55 |
| 0000063 | feb-03 | 1,077 | 1,006 | -9 -71 | 1,006 | -1 -71 | 1,002 | -4 -75 | 1,004 | 2 -73 | 1,001 | -3 -76 |
| 0000066 | feb-03 | 0,601 | 0,574 | -15 -27 | 0,555 | -19 -46 | 0,535 | -20 -66 | 0,522 | -14 -80 | 0,502 | -19 -99 |
| 0000067 | feb-03 | 0,877 | 0,833 | -18 -45 | 0,813 | -20 -64 | 0,799 | -14 -78 | 0,795 | -4 -82 | 0,785 | -10 -92 |
| 0000068 | feb-03 | 0,614 | 0,566 | -19 -48 | 0,547 | -18 -67 | | | | | | |
| 0000070 | feb-03 | -0,517 | -0,595 | -17 -78 | -0,606 | -12 -90 | -0,623 | -16 -106 | -0,629 | -6 -112 | -0,636 | -8 -120 |
| 0000071 | feb-03 | 0,619 | 0,524 | -27 -95 | 0,495 | -29 -124 | 0,482 | -13 -137 | 0,478 | -5 -142 | 0,472 | -6 -147 |
| 0000072 | feb-03 | -0,058 | -0,141 | -27 -83 | -0,168 | -27 -110 | -0,185 | -16 -127 | -0,188 | -3 -130 | -0,195 | -7 -137 |
| 0000073 | feb-03 | 0,576 | 0,508 | -24 -68 | 0,483 | -25 -93 | 0,469 | -14 -107 | 0,468 | -2 -108 | 0,462 | -6 -114 |

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 0000074 | feb-03 | -0,159 | -0,218 | -22 -58 | -0,241 | -23 -82 | -0,257 | -16 -98 | -0,260 | -3 -101 | -0,270 | -9 -110 |
| 0000075 | feb-03 | -0,265 | -0,340 | -14 -76 | -0,349 | -9 -84 | -0,362 | -13 -97 | -0,366 | -5 -102 | -0,373 | -7 -109 |
| 0000076 | feb-03 | -0,216 | -0,228 | -15 -12 | -0,275 | -48 -59 | -0,333 | -58 -117 | -0,385 | -52 -169 | -0,441 | -56 -225 |
| 0000077 | feb-03 | 0,465 | 0,457 | -4 -7 | 0,454 | -3 -11 | 0,451 | -3 -13 | 0,447 | -4 -18 | 0,443 | -4 -22 |
| 0000078 | sep-03 | -0,522 | -0,577 | -15 -56 | -0,588 | -11 -67 | -0,604 | -16 -82 | -0,609 | -5 -87 | -0,617 | -8 -95 |
| 0000079 | sep-04 | -0,046 | -0,053 | -4 -7 | -0,053 | 0 -7 | -0,055 | -2 -9 | -0,056 | -1 -10 | -0,057 | -1 -12 |
| 0000081 | sep-04 | 0,028 | 0,018 | -7 -10 | 0,008 | -11 -21 | -0,009 | -17 -38 | -0,027 | -18 -55 | -0,047 | -20 -76 |
| 0000082 | sep-04 | -0,008 | -0,018 | -8 -10 | -0,028 | -11 -20 | -0,045 | -17 -37 | -0,062 | -17 -54 | -0,081 | -19 -73 |
| 0000084 | sep-04 | 0,000 | -0,005 | -4 -4 | -0,003 | 1 -3 | -0,005 | -1 -4 | -0,005 | 0 -4 | -0,006 | -1 -6 |
| 0000086 | sep-05 | -0,670 | -0,731 | -11 -62 | -0,737 | -5 -67 | -0,743 | -7 -74 | -0,746 | -2 -76 | -0,750 | -4 -80 |
| 0000101 | sep-06 | 0,269 | 0,253 | -16 -16 | 0,201 | -52 -68 | 0,140 | -61 -129 | 0,084 | -56 -184 | 0,026 | -59 -243 |
| 0000102 | sep-06 | 0,407 | 0,391 | -16 -16 | 0,339 | -52 -68 | 0,277 | -62 -130 | 0,221 | -56 -186 | 0,162 | -60 -245 |
| 0000103 | sep-06 | 0,374 | 0,356 | -17 -17 | 0,305 | -51 -68 | 0,244 | -62 -130 | 0,188 | -56 -186 | 0,128 | -60 -246 |
| 0000104 | sep-07 | 0,112 | 0,112 | | 0,085 | -27 -27 | 0,070 | -16 -43 | 0,061 | -8 -51 | 0,032 | -29 -80 |
| 0000105 | sep-07 | 0,184 | 0,184 | | 0,156 | -28 -28 | 0,140 | -16 -44 | 0,138 | -2 -46 | 0,131 | -7 -52 |
| 0000106 | sep-07 | 0,002 | 0,002 | | -0,025 | -27 -27 | -0,040 | -16 -42 | -0,042 | -2 -44 | -0,049 | -7 -51 |
| 0000110 | sep-09 | 1,574 | | | 1,574 | | 1,566 | -8 -8 | 1,565 | 0 -9 | 1,561 | -4 -13 |
| 0000111 | feb-12 | -0,868 | | | | | -0,868 | | -0,925 | -57 -57 | -0,984 | -59 -116 |

| Hoogte- merk | Nulmeting | | september 2007 | | september 2009 | | november 2011 | | oktober 2013 | | november 2015 | |
|-----------------|----------------------------------|---|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|
| | Maand/ jaar nul- meting | Hoogte nulmeting t.o.v. NAP (m) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) | Hoogte t.o.v. NAP (m) | Diff. (mm) |
| | | | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) | | Cumul.diff. nulmeting (mm) |
| 0000112 | feb-12 | -0,847 | | | | | -0,847 | | -0,901 | -54 -54 | -0,961 | -59 -114 |
| 0000113 | feb-12 | -0,042 | | | | | -0,042 | | -0,094 | -52 -52 | -0,151 | -56 -109 |
| 0003023 | sep-09 | 1,011 | | | 1,011 | | 1,002 | -9 -9 | 0,995 | -7 -16 | 0,988 | -7 -22 |
| 0003043 | nov-11 | 0,006 | | | | | 0,006 | | 0,001 | -5 -5 | -0,006 | -7 -12 |
| 0003044 | nov-11 | 0,839 | | | | | 0,839 | | 0,835 | -4 -4 | 0,831 | -4 -7 |
| 0004011 D11 | feb-03 | 9,484 | 9,472 | -9 -12 | 9,464 | -8 -20 | 9,467 | 3 -17 | 9,458 | -9 -26 | 9,457 | -1 -27 |
| 0004012 D12 | feb-03 | 1,377 | 1,374 | -4 -2 | 1,373 | -1 -3 | 1,370 | -3 -7 | 1,369 | -1 -8 | 1,367 | -1 -9 |
| 0004013 D13 | feb-03 | 1,286 | 1,277 | -8 -9 | 1,274 | -3 -11 | 1,273 | -2 -13 | 1,271 | -1 -14 | 1,271 | 0 -14 |
| 0004041 D41 | feb-03 | 9,199 | 9,192 | | 9,187 | -5 -11 | 9,187 | 0 -12 | 9,187 | 1 -11 | 9,184 | -4 -15 |
| 0004042 D42 | feb-03 | 1,253 | 1,250 | | 1,250 | 0 -2 | 1,247 | -3 -6 | 1,249 | 2 -4 | 1,247 | -2 -6 |
| 0004043 D43 | feb-03 | 0,282 | 0,278 | | 0,278 | 0 -4 | 0,275 | -4 -7 | 0,277 | 2 -5 | 0,275 | -2 -7 |

Bijlage 6 Coördinaten peilmerken

| Peilmerk | X-coördinaat (m) | Y-coördinaat (m) | Coördinaat bepaling |
|----------|---------------------|---------------------|------------------------|
| 1 | 160464.00 | 579983.00 | |
| 2 | 160867.00 | 579301.00 | |
| 8 | 162196.77 | 580386.03 | DGPS |
| 9 | 162266.01 | 580914.76 | DGPS |
| 10 | 158500.42 | 580307.53 | DGPS |
| 11 | 158810.43 | 580870.53 | DGPS |
| 12 | 159313.91 | 581609.55 | DGPS |
| 13 | 160060.99 | 582142.24 | DGPS |
| 14 | 158861.88 | 580019.57 | DGPS |
| 15 | 159203.23 | 579347.30 | DGPS |
| 16 | 161006.23 | 581257.09 | DGPS |
| 17 | 160702.51 | 581826.16 | DGPS |
| 20 | 159582.18 | 577893.65 | DGPS |
| 21 | 160107.22 | 578341.56 | DGPS |
| 22 | 159605.85 | 577485.99 | DGPS |
| 23 | 160113.36 | 578534.29 | DGPS |
| 24 | 160366.39 | 579281.68 | DGPS |
| 27 | 161193.65 | 580181.16 | DGPS |
| 28 | 160961.45 | 580024.87 | DGPS |
| 29 | 158160.04 | 579092.20 | DGPS |
| 30 | 158612.14 | 579819.98 | DGPS |
| 32 | 160661.71 | 582822.34 | DGPS |
| 33 | 160400.08 | 579735.41 | DGPS |
| 35 | 160334.66 | 579476.22 | DGPS |
| 36 | 160516.92 | 580297.93 | DGPS |
| 40 | 158264.89 | 576408.17 | DGPS |
| 41 | 157771.31 | 576407.31 | DGPS |
| 42 | 161434.38 | 583687.12 | DGPS |
| 45 | 157682.14 | 578237.03 | DGPS |
| 46 | 157517.26 | 577812.18 | DGPS |
| 47 | 157157.46 | 577450.13 | DGPS |
| 49 | 164169.00 | 582269.64 | DGPS |
| 50 | 164198.78 | 581303.32 | DGPS |
| 51 | 163835.20 | 581110.85 | DGPS |
| 52 | 163458.63 | 580499.93 | DGPS |
| 53 | 163261.14 | 581315.34 | DGPS |
| 55 | 162747.25 | 582691.15 | DGPS |
| 56 | 160787.47 | 581624.82 | DGPS |
| 62 | 159446.35 | 579718.67 | DGPS |
| 63 | 160588.68 | 579874.00 | DGPS |
| 65 | 158406.19 | 576894.42 | DGPS |
| 66 | 164529.80 | 581341.99 | DGPS |
| 67 | 163771.71 | 581917.59 | DGPS |
| 70 | 162054.70 | 579394.04 | DGPS |

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|------|-----------|-----------|---------|
| 71 | 162871.69 | 580714.84 | DGPS |
| 72 | 163332.81 | 581011.64 | DGPS |
| 73 | 163092.05 | 581833.48 | DGPS |
| 74 | 163690.26 | 581595.99 | DGPS |
| 75 | 161774.32 | 579349.12 | DGPS |
| 76 | 166537.26 | 582424.05 | DGPS |
| 77 | 165731.52 | 578534.45 | DGPS |
| 78 | 161867.77 | 579032.08 | DGPS |
| 79 | 169780.00 | 583170.00 | |
| 81 | 167870.00 | 582875.00 | |
| 82 | 167480.00 | 583398.00 | |
| 84 | 169780.00 | 583210.00 | |
| 86 | 160660.00 | 579990.00 | |
| 101 | 166235.00 | 582193.00 | |
| 102 | 166412.00 | 582066.00 | |
| 103 | 166428.00 | 582041.00 | |
| 104 | 163246.00 | 581360.00 | |
| 105 | 163244.00 | 581370.00 | |
| 106 | 163236.29 | 581396.95 | GPS-RTK |
| 107 | 157028.68 | 576736.05 | GPS-RTK |
| 110 | 161339.94 | 580535.62 | GPS-RTK |
| 111 | 166546.40 | 582029.90 | DGPS |
| 112 | 166332.06 | 581850.13 | DGPS |
| 113 | 166110.55 | 581635.18 | DGPS |
| 910 | 161571.00 | 575247.00 | |
| 992 | 166180.00 | 577877.00 | |
| 998 | 158490.00 | 577246.00 | |
| 3001 | 163225.00 | 578909.00 | |
| 3003 | 162386.00 | 577465.00 | |
| 3004 | 162976.00 | 578457.00 | |
| 3005 | 162817.00 | 578290.00 | |
| 3006 | 162760.00 | 578020.00 | |
| 3010 | 163175.00 | 575427.00 | |
| 3017 | 163370.00 | 579160.00 | |
| 3018 | 162750.00 | 578010.00 | |
| 3019 | 162690.00 | 577830.00 | |
| 3020 | 164020.00 | 578080.00 | |
| 3021 | 163987.64 | 578302.94 | GPS-RTK |
| 3022 | 164130.00 | 578320.00 | |
| 3023 | 164980.00 | 578910.00 | |
| 3024 | 162120.00 | 578350.00 | |
| 3025 | 167867.90 | 576816.06 | GPS-RTK |
| 3026 | 162123.16 | 578336.32 | GPS-RTK |
| 3027 | 162146.65 | 578333.54 | GPS-RTK |
| 3028 | 162873.45 | 578308.23 | GPS-RTK |
| 3029 | 163333.59 | 578325.82 | GPS-RTK |
| 3030 | 163349.50 | 578322.32 | GPS-RTK |
| 3031 | 163738.98 | 578355.51 | GPS-RTK |
| 3032 | 164021.12 | 578252.43 | GPS-RTK |
| 3033 | 164036.74 | 578254.82 | GPS-RTK |

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| 3034 | 162000.00 | 577750.00 | |
| 3035 | 162030.00 | 578210.00 | |
| 3036 | 162030.00 | 578220.00 | |
| 3037 | 167969.08 | 576741.29 | GPS-RTK |
| 3038 | 167843.45 | 576856.47 | GPS-RTK |
| 3039 | 164030.01 | 578252.58 | GPS-RTK |
| 3040 | 169411.00 | 578653.31 | GPS-RTK |
| 3041 | 165554.01 | 576152.81 | GPS-RTK |
| 3042 | 157202.89 | 577277.10 | GPS-RTK |
| 3043 | 167497.98 | 579654.60 | GPS-RTK |
| 3044 | 166470.51 | 577856.26 | GPS-RTK |
| 3045 | 164020.00 | 577900.00 | |
| 4011 | 161873.60 | 583912.35 | DGPS |
| 4012 | 161890.65 | 583890.67 | DGPS |
| 4013 | 161939.35 | 583836.21 | DGPS |
| 4021 | 159119.45 | 581459.32 | DGPS |
| 4022 | 159139.38 | 581449.32 | DGPS |
| 4023 | 159169.13 | 581418.74 | DGPS |
| 4031 | 158004.53 | 579298.36 | DGPS |
| 4032 | 158029.15 | 579286.87 | DGPS |
| 4033 | 158031.78 | 579189.31 | DGPS |
| 4041 | 163807.19 | 585271.59 | DGPS |
| 4042 | 163813.14 | 585245.82 | DGPS |
| 4043 | 163828.89 | 585205.78 | DGPS |
| 000A2748 | 159820.00 | 577420.00 | |
| 000A2750 | 162134.90 | 578338.21 | GPS-RTK |
| 000A2752 | 162390.00 | 577240.00 | |
| 000A2754 | 164031.89 | 578256.33 | GPS-RTK |
| 000A2756 | 165150.00 | 576640.00 | |
| 000A2758 | 168340.00 | 577120.00 | |
| 000A2760 | 169320.00 | 578650.00 | |
| 000A2761 | 163340.18 | 578320.36 | GPS-RTK |
| 000A2894 | 163231.15 | 581412.91 | GPS-RTK |
| 000A4020 | 156613.04 | 576552.19 | DGPS |
| 005D0003 | 156837.89 | 576063.35 | DGPS |
| 005D0004 | 157119.98 | 576281.40 | DGPS |
| 005D0005 | 157186.54 | 576478.23 | DGPS |
| 005D0007 | 157302.53 | 576983.16 | DGPS |
| 005D0012 | 159006.84 | 577253.41 | DGPS |
| 005D0015 | 158756.53 | 578750.97 | DGPS |
| 005D0017 | 158794.91 | 579657.27 | DGPS |
| 005D0034 | 159309.04 | 579595.75 | DGPS |
| 005D0037 | 157116.93 | 576123.56 | DGPS |
| 005D0040 | 159818.12 | 578577.57 | DGPS |
| 005D0053 | 159612.38 | 580902.76 | DGPS |
| 005D0056 | 159061.68 | 580263.83 | DGPS |
| 005D0057 | 158017.96 | 579193.76 | DGPS |
| 005D0059 | 159710.74 | 577441.39 | DGPS |
| 005D0064 | 159950.00 | 576630.00 | |
| 005D0066 | 157760.40 | 577159.98 | DGPS |

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| 005D0067 | 158484.50 | 577539.95 | DGPS |
| 005D0069 | 156720.00 | 576060.00 | |
| 005D0070 | 158210.00 | 577760.00 | |
| 005D0072 | 156634.43 | 576572.42 | DGPS |
| 005D0074 | 158614.01 | 578078.86 | |
| 005D0081 | 156617.16 | 576559.61 | DGPS |
| 005D0082 | 158477.87 | 577002.97 | DGPS |
| 005D0083 | 158030.00 | 578820.00 | |
| 005D0084 | 159610.00 | 579060.00 | |
| 005D0087 | 158550.00 | 578050.00 | |
| 005D0088 | 159600.00 | 579110.00 | |
| 005D0089 | 159550.00 | 577010.00 | |
| 005G0001 | 165340.00 | 575220.00 | |
| 005G0004 | 162250.00 | 576750.00 | |
| 005G0007 | 161408.35 | 577505.86 | DGPS |
| 005G0008 | 162220.00 | 577480.00 | |
| 005G0010 | 163490.00 | 577510.00 | |
| 005G0018 | 165319.37 | 578945.14 | DGPS |
| 005G0019 | 165240.00 | 578000.00 | |
| 005G0020 | 167680.00 | 578280.00 | |
| 005G0021 | 169110.00 | 578510.00 | |
| 005G0028 | 160020.36 | 580120.99 | DGPS |
| 005G0032 | 165362.75 | 580215.79 | DGPS |
| 005G0033 | 165530.57 | 580158.47 | DGPS |
| 005G0034 | 166436.28 | 580513.88 | DGPS |
| 005G0035 | 166945.65 | 580983.84 | DGPS |
| 005G0036 | 160790.00 | 581620.00 | |
| 005G0038 | 160909.69 | 581003.42 | DGPS |
| 005G0039 | 161419.57 | 581534.74 | DGPS |
| 005G0040 | 161500.16 | 581375.70 | DGPS |
| 005G0043 | 164400.00 | 581490.00 | |
| 005G0045 | 168530.00 | 581850.00 | |
| 005G0049 | 162989.81 | 582334.86 | DGPS |
| 005G0052 | 163260.00 | 583040.00 | |
| 005G0053 | 164498.59 | 583276.53 | DGPS |
| 005G0054 | 165443.83 | 583386.26 | DGPS |
| 005G0057 | 165251.45 | 583998.50 | DGPS |
| 005G0063 | 163336.18 | 584071.96 | DGPS |
| 005G0065 | 164768.47 | 584964.24 | DGPS |
| 005G0072 | 169230.00 | 585260.00 | |
| 005G0090 | 165030.00 | 575340.00 | |
| 005G0091 | 166350.00 | 576880.00 | |
| 005G0092 | 165324.03 | 581648.94 | DGPS |
| 005G0093 | 165832.95 | 582313.16 | DGPS |
| 005G0097 | 168155.63 | 585347.94 | DGPS |
| 005G0101 | 160970.00 | 575550.00 | |
| 005G0102 | 162400.00 | 575270.00 | |
| 005G0108 | 165850.00 | 576170.00 | |
| 005G0109 | 165780.00 | 577390.00 | |
| 005G0110 | 165420.00 | 577830.00 | |

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| 005G0111 | 166020.00 | 577840.00 | |
| 005G0112 | 166740.00 | 578020.00 | |
| 005G0113 | 165072.22 | 581067.10 | DGPS |
| 005G0115 | 165346.66 | 583343.94 | DGPS |
| 005G0117 | 168385.38 | 584772.08 | DGPS |
| 005G0118 | 163774.30 | 585190.47 | DGPS |
| 005G0122 | 162861.80 | 584577.35 | DGPS |
| 005G0125 | 162980.00 | 577420.00 | |
| 005G0126 | 164600.00 | 577490.00 | |
| 005G0127 | 165250.00 | 578450.00 | |
| 005G0129 | 160391.01 | 580569.70 | DGPS |
| 005G0132 | 161898.25 | 583866.20 | DGPS |
| 005G0135 | 165593.06 | 582780.23 | DGPS |
| 005G0138 | 169160.00 | 579220.00 | |
| 005G0140 | 166120.00 | 579600.00 | |
| 005G0142 | 163770.60 | 579171.88 | DGPS |
| 005G0143 | 163360.00 | 579150.00 | |
| 005G0145 | 162174.50 | 578522.08 | DGPS |
| 005G0154 | 163993.57 | 584471.75 | DGPS |
| 005G0155 | 162915.93 | 583734.78 | DGPS |
| 005G0158 | 168270.00 | 579570.00 | |
| 005G0160 | 164409.62 | 581486.99 | DGPS |
| 005G0161 | 164244.77 | 582574.16 | DGPS |
| 005G0164 | 160223.74 | 581415.32 | DGPS |
| 005G0165 | 160120.00 | 575510.00 | |
| 005G0167 | 160973.30 | 578730.41 | DGPS |
| 005G0168 | 162042.84 | 579124.89 | DGPS |
| 005G0170 | 167000.00 | 576140.00 | |
| 005G0177 | 167840.00 | 576580.00 | |
| 005G0179 | 161827.80 | 578471.87 | DGPS |
| 005G0180 | 163944.05 | 579035.50 | DGPS |
| 005G0182 | 166100.00 | 579400.00 | |
| 005G0183 | 167723.98 | 579313.33 | DGPS |
| 005G0184 | 169150.00 | 578970.00 | |
| 005G0187 | 162734.76 | 580702.56 | DGPS |
| 005G0189 | 161767.71 | 581747.04 | DGPS |
| 005G0194 | 168630.00 | 578490.00 | |
| 005G0195 | 165420.00 | 577580.00 | |
| 005G0196 | 166100.00 | 578270.00 | |
| 005G0197 | 165242.02 | 578600.53 | DGPS |
| 005G0199 | 165800.00 | 577260.00 | |
| 005G0200 | 161219.72 | 578883.93 | DGPS |
| 005G0201 | 163390.00 | 579350.00 | |
| 005G0204 | 163820.00 | 577570.00 | |
| 005G0205 | 162029.48 | 577523.61 | DGPS |
| 005G0206 | 160695.56 | 577453.77 | DGPS |
| 005G0207 | 160010.00 | 576450.00 | |
| 005G0208 | 160650.00 | 575470.00 | |
| 005G0209 | 164640.00 | 575350.00 | |
| 005G0210 | 165160.00 | 576920.00 | |

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| 005G0212 | 169290.00 | 577800.00 | |
| 005G0213 | 168900.00 | 577580.00 | |
| 005G0214 | 168120.00 | 577250.00 | |
| 005G0216 | 169680.00 | 578140.00 | |
| 005G0218 | 164700.00 | 578870.00 | |
| 005G0219 | 162188.96 | 578388.74 | GPS-RTK |
| 005G0220 | 161620.00 | 575890.00 | |
| 005G0221 | 162440.23 | 582446.38 | DGPS |
| 005G0223 | 168950.00 | 584260.00 | DGPS |
| 005G0224 | 168310.00 | 582420.00 | DGPS |
| 005G0227 | 163472.31 | 579371.11 | DGPS |
| 005G0228 | 161880.45 | 580910.85 | DGPS |
| 005G0230 | 165693.17 | 583453.95 | DGPS |
| 005G0231 | 163968.24 | 583142.89 | DGPS |
| 005G0232 | 164357.85 | 584684.46 | DGPS |
| 005G0233 | 165311.61 | 585255.48 | DGPS |
| 005G0234 | 163820.00 | 575480.00 | |
| 005G0235 | 161860.00 | 576200.00 | |
| 005G0236 | 166758.40 | 585839.01 | DGPS |
| 005G0239 | 161900.00 | 583870.00 | |
| 005G0242 | 166928.16 | 584170.98 | DGPS |
| 005G0243 | 165976.67 | 583618.75 | DGPS |
| 005G0244 | 166067.78 | 583436.99 | DGPS |
| 005G0245 | 166713.40 | 582628.51 | DGPS |
| 005G0246 | 166700.64 | 582061.27 | DGPS |
| 005G0247 | 166565.89 | 581485.20 | DGPS |
| 005G0248 | 166880.53 | 580752.19 | DGPS |
| 005G0249 | 166882.34 | 580426.67 | DGPS |
| 005G0251 | 166639.51 | 578481.85 | DGPS |
| 005G0252 | 166066.16 | 580272.44 | DGPS |
| 005G0253 | 165674.06 | 581986.54 | DGPS |
| 005G0254 | 164303.82 | 579034.51 | DGPS |
| 005G0255 | 167371.69 | 584201.41 | DGPS |
| 005G0256 | 168602.13 | 584919.04 | DGPS |
| 005G0257 | 167981.95 | 585773.71 | DGPS |
| 005G0258 | 165306.65 | 579320.90 | DGPS |
| 005G0260 | 168710.00 | 580950.00 | |
| 005G0261 | 168300.00 | 583150.00 | |
| 005G0263 | 165853.77 | 582260.35 | DGPS |
| 005G0264 | 168000.00 | 581300.00 | |
| 005G0265 | 168700.00 | 581930.00 | |
| 005G0266 | 160323.85 | 578678.82 | DGPS |
| 005G0267 | 162927.92 | 583750.19 | DGPS |
| 005G0271 | 169210.00 | 583650.00 | |
| 005G0274 | 162380.00 | 583300.00 | |
| 005G0275 | 163460.00 | 580090.00 | |
| 005G0277 | 169270.00 | 585142.00 | |
| 005G0278 | 169380.00 | 582350.00 | |
| 005G0279 | 167530.00 | 581180.00 | |
| 005G0280 | 168890.00 | 580350.00 | |

| | | | |
|----------|-----------|-----------|---------|
| 005G0281 | 162670.00 | 579040.00 | |
| 005G0285 | 165650.00 | 577500.00 | |
| 005G0286 | 162820.00 | 577060.00 | |
| 005G0287 | 161700.00 | 578550.00 | |
| 005G0288 | 167150.00 | 582150.00 | |
| 005G0289 | 168850.00 | 583500.00 | |
| 005G0290 | 168880.00 | 579920.00 | |
| 005G0291 | 167850.00 | 579490.00 | |
| 005G0292 | 169100.00 | 584700.00 | |
| 005G0293 | 167250.00 | 579130.00 | |
| 005G0294 | 165550.00 | 577480.00 | |
| 005G0295 | 164380.00 | 578450.00 | |
| 005G0296 | 165140.00 | 576650.00 | |
| 005G0297 | 160963.07 | 578678.60 | GPS-RTK |
| 005G0298 | 161650.47 | 580834.79 | GPS-RTK |
| 005G0299 | 161687.03 | 580482.70 | GPS-RTK |
| 005G0301 | 165155.22 | 576541.91 | GPS-RTK |
| 005G0302 | 165648.39 | 576447.89 | GPS-RTK |
| 005G0303 | 168364.42 | 577148.26 | GPS-RTK |
| 005G0304 | 164457.20 | 578930.82 | GPS-RTK |
| 005G0305 | 168500.00 | 581650.00 | |
| 005G0306 | 167750.00 | 582650.00 | |
| 005G0307 | 166000.00 | 585540.00 | |
| 005G0308 | 167450.00 | 586000.00 | |
| 005G0309 | 161690.08 | 580275.10 | GPS-RTK |
| 005G0310 | 160138.14 | 577392.60 | GPS-RTK |
| 005G0311 | 163069.89 | 575658.50 | GPS-RTK |
| 005G0312 | 165226.90 | 575615.46 | GPS-RTK |
| 005H0044 | 170140.00 | 582700.00 | |
| 005H0270 | 170540.00 | 582800.00 | |

Bijlage 7 Controle hoofdvoorwaarde

Bijlage 7 Controle hoofdvoorwaarde

Form. : NAP-C OVERZICHT VIZERLIJNCONTROLE
 Model : april 2003
 WATPAS: v. 4.42.2 ADVIESDIENST GEO-INFORMATIE EN ICT

Projectnaam : FR-VER 2015
 Projectnummer : 405630F
 Projectprotocol : 2B
 Datum rapport : 20151130

| | | | | | | | |
|-----------|----------|----------|-----------|----------|---------------------|---------|----------|
| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet | |
| 20151006 | 14:57 | 341210 | .S WIND | 2B | -0.46 | Ja | |
| ----- | | | | | | | |
| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
| afstand | baakafl. | afstand | baakafl. | afstand | baakafl. | afstand | baakafl. |
| 17.9695 | 0.8643 | 17.8175 | 0.8952 | 3.0300 | 0.8476 | 32.7500 | 0.8789 |

| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet | |
|-----------|----------|----------|-----------|----------|---------------------|---------|----------|
| 20151008 | 17:55 | 341210 | .S WIND | 2B | 0.15 | Ja | |
| ----- | | | | | | | |
| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
| afstand | baakafl. | afstand | baakafl. | afstand | baakafl. | afstand | baakafl. |
| 18.0335 | 0.8609 | 17.7750 | 0.8920 | 3.1400 | 0.8536 | 32.6625 | 0.8845 |

| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet | |
|-----------|-----------|----------|-----------|----------|---------------------|---------|-----------|
| 20151010 | 14:05 | 341210 | .S WIND | 2B | -0.46 | Ja | |
| ----- | | | | | | | |
| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
| afstand | baakafkl. | afstand | baakafkl. | afstand | baakafkl. | afstand | baakafkl. |
| 18.0830 | 0.7602 | 17.7080 | 0.7911 | 3.1540 | 0.7153 | 32.6290 | 0.7466 |

| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet | |
|-----------|----------|----------|-----------|----------|---------------------|---------|----------|
| 20151011 | 15:59 | 341210 | .S WIND | 2B | -0.36 | Ja | |
| ----- | | | | | | | |
| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
| afstand | baakafl. | afstand | baakafl. | afstand | baakafl. | afstand | baakafl. |
| 18.0475 | 0.8522 | 17.7290 | 0.8829 | 3.0360 | 0.7590 | 32.7440 | 0.7900 |

| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet | |
|-----------|-----------|----------|-----------|----------|---------------------|---------|-----------|
| 20151018 | 08:47 | 341210 | .S WIND | 2B | 0.28 | Ja | |
| ----- | | | | | | | |
| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
| afstand | baakafsl. | afstand | baakafsl. | afstand | baakafsl. | afstand | baakafsl. |
| 17.9605 | 0.8943 | 17.8335 | 0.9250 | 3.1080 | 0.9134 | 32.6855 | 0.9438 |

| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet | |
|-----------|-----------|----------|-----------|----------|---------------------|---------|-----------|
| 20151024 | 13:54 | 341210 | .S WIND | 2B | 0.09 | Ja | |
| ----- | | | | | | | |
| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
| afstand | baakafsl. | afstand | baakafsl. | afstand | baakafsl. | afstand | baakafsl. |
| 18.0535 | 0.9075 | 17.7585 | 0.9384 | 3.0925 | 0.9436 | 32.7195 | 0.9745 |

| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet | |
|-----------|-----------|----------|-----------|----------|---------------------|---------|-----------|
| 20151031 | 11:49 | 341210 | .S WIND | 2B | 0.14 | Ja | |
| ----- | | | | | | | |
| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
| afstand | baakafsl. | afstand | baakafsl. | afstand | baakafsl. | afstand | baakafsl. |
| 17.9650 | 0.8483 | 17.8510 | 0.8793 | 3.0460 | 0.8550 | 32.7745 | 0.8859 |

| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet | |
|-----------|-----------|----------|-----------|----------|---------------------|---------|-----------|
| 20151108 | 08:36 | 341210 | .S WIND | 2B | 0.80 | Nee | |
| ----- | | | | | | | |
| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
| afstand | baakafkl. | afstand | baakafkl. | afstand | baakafkl. | afstand | baakafkl. |
| 17.9540 | 0.9484 | 17.8630 | 0.9796 | 3.0920 | 0.9288 | 32.7385 | 0.9593 |

| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet | |
|-----------|-----------|----------|-----------|----------|---------------------|---------|-----------|
| 20151108 | 08:43 | 341210 | .S WIND | 2B | 0.32 | Ja | |
| ----- | | | | | | | |
| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
| afstand | baakafsl. | afstand | baakafsl. | afstand | baakafsl. | afstand | baakafsl. |
| 17.9870 | 0.9541 | 17.8260 | 0.9851 | 3.0910 | 0.9379 | 32.7175 | 0.9687 |

| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet |
|----------|-------|----------|-----------|------|---------------------|---------|
| 20151114 | 08:54 | 341210 | .S WIND | 2B | 0.32 | Ja |

Meetregister bij het meetplan Barradeel en Barradeel II

Rapportage van de nauwkeurigheidswaterpassing Barradeel en Barradeel II 2015

projectnummer 405630

16 februari 2016 revisie 01



| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
|-----------|----------|----------|-----------|----------|---------------------|---------|----------|
| afstand | baakafl. | afstand | baakafl. | afstand | baakafl. | afstand | baakafl. |
| 17.9855 | 0.9541 | 17.8275 | 0.9852 | 3.0900 | 0.9009 | 32.7350 | 0.9317 |
| ----- | | | | | | | |
| Datum | Tijd | Instr.ID | Waarnemer | Orde | VzlijnAfw. (mm/33m) | Voldoet | |
| 20151121 | 09:02 | 341210 | .S WIND | 2B | 0.26 | Ja | |
| ----- | | | | | | | |
| achter 18 | | voor 18 | | achter 3 | | voor 33 | |
| afstand | baakafl. | afstand | baakafl. | afstand | baakafl. | afstand | baakafl. |
| 17.9660 | 0.8808 | 17.8670 | 0.9122 | 3.0095 | 0.8703 | 32.8075 | 0.9015 |
| ----- | | | | | | | |

Bijlage 8 Brief RWS-CIV



> Retouradres Postbus 5023 2600 GA Delft

Ingenieursbureau de Anteagroup
t.a.v. C. v d Hoeven
Postbus 24
8440AA Heerenveen

Data-ICT-Dienst

Derde Werelddreef 1
2622 HA Delft
Postbus 5023
2600 GA Delft
T 015 275 75 75
F 015 275 75 76
www.rijkswaterstaat.nl

Contactpersoon

Johan Gerritsen
T 015-2757289
johan.gerritsen@rws.nl

Datum 2 december 2015
Onderwerp Barradeel+Barradeel2 en Leeuwarden-west

Ons kenmerk

-

Uw kenmerk

-

Bijlage(n)

2

Geachte heer v/d Hoeven ,

Bij deze bericht ik u dat we de concessiemetingen Barradeel 1 en 2 2015 hebben gecontroleerd (Frisia). En de concessiemeting Leeuwarden-west 2015 (Vermillion) De metingen zijn uitgevoerd in de maanden oktober/november 2015. De oplevering en de resultaten voldoen aan de productspecificaties van de RWS voor het product secundair waterpassen van het NAP. De inwinning is geschied met het programma 'watpas' en de vrije vereffening voldoet aan de gestelde eisen. Een vergelijkbare brief heb ik gestuurd naar Dhr van Herk SODM. Zonder tegenbericht van uw kant gaan we de hoogten na 1 april 2016 publiceren. Hierbij wordt de nulpaal Harlingen (000A4020) aangehouden.

Met vriendelijke groet,

J G Gerritsen
Medewerker van het NAP-CIV-RWS

Bijlage 9 Kalibratierapporten

Certificaat

Instrument : Leica DNA-03 digitaal waterpasinstrument, precisie 0.3 mm
Certificaatnummer : 1631761

Debiteurnummer : 201825
Naam : Geomaat
Woonplaats : GRONINGEN

Instrument : Leica DNA-03 digitaal waterpasinstrument, precisie 0.3 mm
Materieelcode : W-003
Serienummer : 341210
Controledatum : 16-4-2015
Uiterste volgende controledatum : 15-4-2016

Specificaties : In overeenstemming met de technische specificaties zoals vermeld in de gebruikershandleiding/productdocumentatie van het instrument.

Kalibratie : Boels Geo & Safety BV verklaart dat bovengenoemde apparatuur is getest en voldoet aan de door de fabrikant vereiste specificaties. De hiervoor gebruikte testmethodieken en -apparatuur zijn herleidbaar naar de nationale standards, of de eigen werkinstructies van Boels Geo & Safety BV, welke een integraal onderdeel zijn van het kwaliteitsmanagementsysteem en het ISO 9001 certificaat van Boels Geo & Safety BV

Boels Geo & Safety BV
Geurdeland 1
6673 DR ANDELST
T 0488 - 470 490
F 0488 - 470 499
info@meetpunt.com

Datum: 16-4-2015

Joop van Laar
Coördinator service

Bijlage certificaat

Certificaatnummer : 1631761

Debiteurnr. : 201825
Naam : Geomaat
Woonplaats : GRONINGEN
Instrument : Leica DNA-03 digitaal waterpasinstrument, precisie 0.3 mm
Materieelcode : W-003
Serienummer : 341210
Controledatum : 16-4-2015
Vervaldatum : 15-4-2016

Specificaties : Vergroting 24x
Nauwkeurigheid 0,3 mm op 1 km dubbele waterpassing

Voorcontrole : **Gemeten waarde bij binnenkomst**
Afwijking kruisdraad in mm op 100 mtr 0,2
Doosnivo binnen cirkel j/n J

Eindcontrole : **Gemeten waarde bij eindcontrole**
Afwijking kruisdraad in mm op 100 mtr 0
Doosnivo binnen cirkel j/n J

Boels Geo & Safety BV
Geurdeland 1
6673 DR ANDELST
T 0488 - 470 490
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| | |
|---------------------|---|
| Aanvrager | Antea Nederland BV Tolhuisweg 57 8443 DV HEERENVEEN |
| Aangeboden | Een barcode meetbaak Fabrikant : Nedo Type : GPCL2 model Leica codebaak Serienummer : 065949 |
| Wijze van onderzoek | De streepverdeling van de baak is gemeten op een horizontale comparator opstelling ten opzichte van een glasliniaal. De detectie van de streepranden heeft plaatsgevonden met behulp van een laser en een fotodiode. De afstand van de referentiestreep ten opzichte van de baakvoet is gemeten op dezelfde opstelling ten opzichte van de glasliniaal, met behulp van een optische microscoop. De afwijkingen van de baakvoet zijn gemeten met behulp van een driedimensionale coördinaten meetmachine. De meting is uitgevoerd bij een omgevingstemperatuur van $(20,0 \pm 0,5) ^\circ\text{C}$. |
| Datum van onderzoek | 27 augustus 2015 tot en met 1 september 2015 |
| Resultaat | <div>Binnen tolerantie: De meetbaak voldoet aan de toleranties die gesteld zijn in de richtlijnen van Rijkswaterstaat "Productspecificaties Beheer NAP: Secundaire waterpassingen t.b.v de bijhouding van het NAP" (versie 1.1 januari 2008).</div> <p>De meetresultaten zijn weergegeven op blad 2 tot en met 6 van dit certificaat. De gerapporteerde meetonzekerheid is de standaardonzekerheid vermenigvuldigd met een dekkingsfactor $k=2$. Bij het beoordelen of de baak voldoet aan de toleranties is geen rekening gehouden met de meetonzekerheid.</p> |
| Herleidbaarheid | De resultaten van de uitgevoerde kalibraties zijn herleidbaar naar primaire en/of (inter)nationaal erkende meetstandaarden. |

Delft, 1 september 2015
VSL B.V.

J.W. Nieuwenkamp
Allround metroloog



Aanvrager Antea Nederland BV
Tolhuisweg 57
8443 DV HEERENVEEN

Aangeboden Een barcode meetbaak
Fabrikant : Nedo
Type : GPCL2 model Leica codebaak
Serienummer : 065939

Wijze van onderzoek De streepverdeling van de baak is gemeten op een horizontale comparator opstelling ten opzichte van een glasliniaal. De detectie van de streepranden heeft plaatsgevonden met behulp van een laser en een fotodiode. De afstand van de referentiestreep ten opzichte van de baakvoet is gemeten op dezelfde opstelling ten opzichte van de glasliniaal, met behulp van een optische microscoop. De afwijkingen van de baakvoet zijn gemeten met behulp van een driedimensionale coördinaten meetmachine. De meting is uitgevoerd bij een omgevingstemperatuur van $(20,0 \pm 0,5) ^\circ\text{C}$.

Datum van onderzoek 26 augustus 2015 tot en met 1 september 2015

Resultaat **Binnen tolerantie:** De meetbaak voldoet aan de toleranties die gesteld zijn in de richtlijnen van Rijkswaterstaat "Productspecificaties Beheer NAP: Secundaire waterpassingen t.b.v de bijhouding van het NAP" (versie 1.1 januari 2008).

De meetresultaten zijn weergegeven op blad 2 tot en met 6 van dit certificaat. De gerapporteerde meetonzekerheid is de standaardonzekerheid vermenigvuldigd met een dekkingsfactor $k=2$. Bij het beoordelen of de baak voldoet aan de toleranties is geen rekening gehouden met de meetonzekerheid.

Herleidbaarheid De resultaten van de uitgevoerde kalibraties zijn herleidbaar naar primaire en/of (inter)nationaal erkende meetstandaarden.

Delft, 1 september 2015
VSL B.V.

J.W. Nieuwenkamp
Allround metroloog



Dutch
Metrology
Institute

Over Antea Group

Van stad tot land, van water tot lucht; de adviseurs en ingenieurs van Antea Group dragen in Nederland sinds jaar en dag bij aan onze leefomgeving. We ontwerpen bruggen en wegen, realiseren woonwijken en waterwerken. Maar we zijn ook betrokken bij thema's zoals milieu, veiligheid, assetmanagement en energie. Onder de naam Oranjewoud groeiden we uit tot een allround en onafhankelijk partner voor bedrijfsleven en overheden. Als Antea Group zetten we deze expertise ook mondiaal in. Door hoogwaardige kennis te combineren met een pragmatische aanpak maken we oplossingen haalbaar én uitvoerbaar. Doelgericht, met oog voor duurzaamheid. Op deze manier anticiperen we op de vragen van vandaag en de oplossingen van de toekomst. Al meer dan 60 jaar.

Contactgegevens

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